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Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to website of the Journal	Link to article/paper/abstract of the article	Citation
Keyword Recognition from EEG Signals on Smart Devices a Novel Approach	Bedre, SP; Jha, SK; Patil, C; Dhopeshwarkar, M; Gaikwad, A; Yannawar, P	MOBILE COMPUTING AND SUSTAINABLE INFORMATICS	2022	2367-4512	http://dx.doi.org/10.1007/978-981-16-1866-6_3	10.1007/978-981-16-1866-6_3	31
Subjective Examination Evaluation Based on Spelling Correction and Detection Using Hamming Distance Algorithm	Kankhar, MA; Mahender, CN	ADVANCES IN COMPUTING AND DATA SCIENCES (ICACDS 2022), PT II	2022	1865-0929	http://dx.doi.org/10.1007/978-3-031-12641-3_19	10.1007/978-3-031-12641-3_19	17
Synthesis of Metal-Free Nanoporous Carbon with Few-Layer Graphene Electrocatalyst for Electrochemical NO2- Oxidation	Chavan, PP; Sapner, VS; Munde, AV; Mali, SM; Sathe, BR	CHEMISTRYSELECT	2021	2365-6549	http://dx.doi.org/10.1002/slct.202102625	10.1002/slct.202102625	41

Triethylammonium Hydrogen Sulfate [Et3NH][HSO4]-Catalyzed Rapid and Efficient Multicomponent Synthesis of Pyrido[2,3-d]pyrimidine and Pyrazolo[3,4-b]pyridine Hybrids	Jadhav, C; Nipate, A; Chate, A; Gill, C	ACS OMEGA	2021	2470-1343	http://dx.doi.org/10.1021/acsomega.1c02093	10.1021/acsomega.1c02093	55
Electrochemical determination of semicarbazide on cobalt oxide nanoparticles: Implication towards environmental monitoring	Mulik, BB; Munde, AV; Dighole, RP; Sathe, BR	JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY	2021	1226-086X	http://dx.doi.org/10.1016/j.jiec.2020.10.002	10.1016/j.jiec.2020.10.002	58
Visible Light Assisted Photocatalytic Degradation of Methylene Blue Dye and Mixture of Dyes Using ZrO2-TiO2 Nanocomposites	Sutar, RS; Barkul, RP; Patil, MK	CURRENT NANOSCIENCE	2021	1573-4137	http://dx.doi.org/10.2174/1573413716999200605154956	10.2174/1573413716999200605154956	34
On some ψ Caputo fractional Cebysev like inequalities for functions of two and three variables	Pachpatte, DB	AIMS MATHEMATICS	2020		http://dx.doi.org/10.3934/math.2020148	10.3934/math.2020148	18

Solid acid catalyst TS-1 zeolite-assisted solvent-free one-pot synthesis of poly-substituted 2,4,6-triaryl-pyridines	Gadekar, SP; Lande, MK	RESEARCH ON CHEMICAL INTERMEDIATES	2018	0922-6168	http://dx.doi.org/10.1007/s11164-018-3305-4	10.1007/s11164-018-3305-4	48
A systematic review of Machine learning techniques for Heart disease prediction	Udhan, S; Patil, B	INTERNATIONAL JOURNAL OF NEXT-GENERATION COMPUTING	2021	2229-4678			45
Enhanced oxygen evolution reaction on amine functionalized graphene oxide in alkaline medium	Sapner, VS; Mulik, BB; Digraskar, R; Narwade, SS; Sathe, BR	RSC ADVANCES	2019	2046-2069	http://dx.doi.org/10.1039/c8ra10286d	10.1039/c8ra10286d	100
Sentence Level Sentiment Identification and Calculation from News Articles Using Machine Learning Techniques	Shirsat, VS; Jagdale, RS; Deshmukh, SN	COMPUTING, COMMUNICATION AND SIGNAL PROCESSING, ICCASP 2018	2019	2194-5357	http://dx.doi.org/10.1007/978-981-13-1513-8_39	10.1007/978-981-13-1513-8_39	16
An Efficient Four Component Domino Synthesis of Pyrazolopyranopyrimidines using Recyclable Choline Chloride:Urea Deep Eutectic Solvent	Tipale, MR; Khillare, LD; Deshmukh, AR; Bhosle, MR	JOURNAL OF HETEROCYCLIC CHEMISTRY	2018	0022-152X	http://dx.doi.org/10.1002/jhet.3095	10.1002/jhet.3095	53

Standard Spectral Reflectance Measurements for ASD FieldSpec Spectroradiometer	Janse, PV; Kayte, JN; Agrawal, RV; Deshmukh, RR	2018 FIFTH INTERNATIONAL CONFERENCE ON PARALLEL, DISTRIBUTED AND GRID COMPUTING (IEEE PDGC)	2018				6
Enhanced Hydrazine Oxidation on Histidine-FunctionalizedGraphene-Based Electrocatalysts	Chavan, PP; Sapner, VS; Sathe, BR	ENERGY & FUELS	2022	0887-0624	http://dx.doi.org/10.1021/acs.energyfuels.2c00676	10.1021/acs.energyfuels.2c00676	55
Design and Development of Marathi Word Stemmer	Kadam, PV; Khandale, BK; Mahender, CN	PROCEEDINGS OF SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTER ENGINEERING AND COMMUNICATION SYSTEMS, ICACECS 2021	2022	2524-7565	http://dx.doi.org/10.1007/978-981-16-7389-4_4	10.1007/978-981-16-7389-4_4	20
The essential element graph of a lattice	Nimbhorkar, S; Deshmukh, V	ASIAN-EUROPEAN JOURNAL OF MATHEMATICS	2020	1793-5571	http://dx.doi.org/10.1142/S1793557120500230	10.1142/S1793557120500230	12

Properties of certain iterated dynamic integrodiffetential equation on time scales	Pachpatte, DB	APPLIED MATHEMATICS AND COMPUTATION	2019	0096-3003	http://dx.doi.org/10.1016/j.amc.2018.10.034	10.1016/j.amc.2018.10.034	20
An Organocatalytic Newer Synthetic Approach toward the Access of Dihydropyrido[2,3-d] Pyrimidine in Water: A Perfect Synergy for Eco-compatible Organic Synthesis	Jadhav, CK; Nipate, AS; Chate, AV; Gill, CH	POLYCYCLIC AROMATIC COMPOUNDS	2022	1040-6638	http://dx.doi.org/10.1080/10406638.2021.1998156	10.1080/10406638.2021.1998156	45
An Existence Result for Fractional Integro-Differential Equations in Banach Spaces	Wahash, HA; Abdo, MS; Panchal, SK	JOURNAL OF MATHEMATICAL EXTENSION	2019	1735-8299			27
Contemporary Work in Energy Harvesting & Importance of Radiation Free Future 5-G WCN	Rana, KS	2018 CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATION ENGINEERING SYSTEMS (SPACES)	2018				6

Assessment of Binding Site and Development of Small Molecule Inhibitors Targeting Epidermal Growth Factor Receptor Mutations in Non-Small Cell Lung Cancer (NSCLC)	Karnik, KS; Sarkate, AP; Rajhans, AP; Wakte, PS	LETTERS IN DRUG DESIGN & DISCOVERY	2023	1570-1808	http://dx.doi.org/10.2174/1570180819666220523150059	10.2174/1570180819666220523150059	47
FRACTIONAL INTEGRODIFFERENTIAL EQUATIONS WITH NONLOCAL CONDITIONS AND GENERALIZED HILFER FRACTIONAL DERIVATIVE	Wahash, HA; Abdo, MS; Panchal, SK	UFA MATHEMATICAL JOURNAL	2019	2074-1863	http://dx.doi.org/10.13108/2019-11-4-151	10.13108/2019-11-4-151	25
Nano Copper Catalyzed Microwave Assisted Coupling of Benzene Boronic Acids with Thiophenols	Gavhane, DS; Sarkate, AP; Karnik, KS; Jagtap, SD; Ansari, SH; Izankar, AV; Narula, IK; Jambhorkar, VS; Rajhans, AP	LETTERS IN ORGANIC CHEMISTRY	2019	1570-1786	http://dx.doi.org/10.2174/1570178616666181116113243	10.2174/1570178616666181116113243	26

Understanding the Impact of Social Media on Cognition and the Emotional Aspects using IA Test	Landge, MB; Mahender, CN	PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON COMMUNICATION AND ELECTRONICS SYSTEMS (ICCES 2018)	2018				6
SURFACE PATINA AND CLAY CHARACTERIZATION: MULTI-ANALYTICAL INVESTIGATIONS INTO BIDRI HANDICRAFT	Rolla, KP; Shelke, A; Sathe, B; Khan, A; Sapner, V; Mulik, B	INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE	2023	2067-533X	http://dx.doi.org/10.36868/IJCS.2023.04.12	10.36868/IJCS.2023.04.12	22
Enhanced electrocatalytic H2S splitting on a multiwalled carbon nanotubes-graphene oxide nanocomposite	Narwade, SS; Mali, SM; Tapre, AK; Sathe, BR	NEW JOURNAL OF CHEMISTRY	2021	1144-0546	http://dx.doi.org/10.1039/d1nj00432h	10.1039/d1nj00432h	47
Incorporation of Keggin-based H3PW7Mo5O40 into bentonite: synthesis, characterization and catalytic applications	Aher, DS; Khillare, KR; Shankarwar, SG	RSC ADVANCES	2021		http://dx.doi.org/10.1039/d1ra01179k	10.1039/d1ra01179k	70

Some Gruss-type inequalities using generalized Katugampola fractional integral	Aljaaidi, TA; Pachpatte, DB	AIMS MATHEMATICS	2020		http://dx.doi.org/10.3934/math.2020070	10.3934/math.2020070	22
Some Ostrowski Type Inequalities for Double Integrals on Time Scales	Pachpatte, DB	ACTA APPLICANDAE MATHEMATICAE	2019	0167-8019	http://dx.doi.org/10.1007/s10440-018-0201-2	10.1007/s10440-018-0201-2	25
Significant Hydrolysis of Wheat Gliadin by Bacillus tequilensis (10bT/HQ223107): a Pilot Study	Wagh, SK; Gadge, PP; Padul, MV	PROBIOTICS AND ANTIMICROBIAL PROTEINS	2018	1867-1306	http://dx.doi.org/10.1007/s12602-017-9331-5	10.1007/s12602-017-9331-5	42
Standardization and development of process for Sheerqurma and its shelf-life Study	Syed, KA; Babar, KP; Bornare, DT	INDIAN JOURNAL OF DAIRY SCIENCE	2018	0019-5146			24
Urea Electro-Oxidation Catalyzed by an Efficient and Highly Stable Ni-Bi Bimetallic Nanoparticles	Munde, AV; Mulik, BB; Dighole, RP; Sathe, BR	ACS APPLIED ENERGY MATERIALS	2021	2574-0962	http://dx.doi.org/10.1021/acsaem.1c02755	10.1021/acsaem.1c02755	69
Development of Darunavir proliposome powder for oral delivery by using Box-Bhenken design	Bhusari, S; Ansari, I; Chaudhary, A	DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY	2020	0363-9045	http://dx.doi.org/10.1080/03639045.2020.1752709	10.1080/03639045.2020.1752709	25

Preparation, Characterizations of TS-1 Zeolite: An Effective Solid Acid Catalyst for the Synthesis of 1, 3, 5-Triaryl-2-Pyrazolins	Gadekar, SP; Pawar, GT; Magar, RR; Lande, MK	POLYCYCLIC AROMATIC COMPOUNDS	2020	1040-6638	http://dx.doi.org/10.1080/10406638.2017.1363060	10.1080/10406638.2017.1363060	30
Generalizations of supplemented lattices	Nimbhorkar, SK; Banswal, DB	AKCE INTERNATIONAL JOURNAL OF GRAPHS AND COMBINATORICS	2019	0972-8600	http://dx.doi.org/10.1016/j.akcej.2018.02.005	10.1016/j.akcej.2018.02.005	11
COMBINED LAPLACE TRANSFORM WITH ANALYTICAL METHODS FOR SOLVING VOLTERRA INTEGRAL EQUATIONS WITH A CONVOLUTION KERNEL	Al-Saar, FM; Ghadle, KP	JOURNAL OF THE KOREAN SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS	2018	1226-9433	http://dx.doi.org/10.12941/jksiam.2018.22.125	10.12941/jksiam.2018.22.125	22
Mesolite: An Efficient Heterogeneous Catalyst for One-Pot Synthesis of 2-Amino-4H-chromenes	Pawar, GT; Magar, RR; Lande, MK	POLYCYCLIC AROMATIC COMPOUNDS	2018	1040-6638	http://dx.doi.org/10.1080/10406638.2016.1159584	10.1080/10406638.2016.1159584	35

Silica supported lanthanum trifluoroacetate and trichloroacetate as an efficient and reusable water compatible Lewis acid catalyst for synthesis of 2,4,5-triarylimidazoles via a solvent-free green approach	Gholap, DP; Huse, R; Dipake, S; Lande, MK	RSC ADVANCES	2023		http://dx.doi.org/10.1039/d2ra07021a	10.1039/d2ra07021a	73
Microwave-Assisted Chemistry: New Synthetic Application for the Rapid Construction of 1H-Pyrazolo[1,2-b]Phthalazine-5,10-Dione Derivatives in Diisopropyl Ethyl Ammonium Acetate	Jadhav, CK; Nipate, AS; Chate, AV; Kulkarni, MV; Gill, CH	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2021.2021252	10.1080/10406638.2021.2021252	60

A Review on Modern Analytical Methods for Detecting and Quantifying Adulteration in Honey	Al-Awadhi, MA; Deshmukh, RR	2021 INTERNATIONAL CONFERENCE OF MODERN TRENDS IN INFORMATION AND COMMUNICATION TECHNOLOGY INDUSTRY (MTICTI 2021)	2021		http://dx.doi.org/10.1109/MTICTI53925.2021.9664767	10.1109/MTICTI53925.2021.9664767	54
Effect of Roundup 41% (glyphosate) on blood serum biochemical parameters of freshwater fish, Rasbora daniconius	Kharat, TL; Rokade, KB; Shejule, KB	JOURNAL OF ENVIRONMENTAL BIOLOGY	2020	0254-8704	http://dx.doi.org/10.22438/jeb/41/2/MRN-1033	10.22438/jeb/41/2/MRN-1033	45
Ni/NiO@rGO as an efficient bifunctional electrocatalyst for enhanced overall water splitting reactions	Narwade, SS; Mali, SM; Digraskar, RV; Sapner, VS; Sathe, BR	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2019	0360-3199	http://dx.doi.org/10.1016/j.ijhydene.2019.08.147	10.1016/j.ijhydene.2019.08.147	58
SYSTEMATIC APPROXIMATION OF THREE DIMENSIONAL FRACTIONAL PARTIAL DIFFERENTIAL EQUATIONS IN FLUID MECHANICS	Khan, F; Ghadle, KP	JOURNAL OF THE KOREAN SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS	2019	1226-9433	http://dx.doi.org/10.12941/jksiam.2019.23.253	10.12941/jksiam.2019.23.253	18

Development of Sweet Potato Flour Based High Protein and Low Calorie Gluten Free Cookies	Giri, NA; Sakhale, BK	CURRENT RESEARCH IN NUTRITION AND FOOD SCIENCE	2019	2347-467X	http://dx.doi.org/10.12944/CRNFSJ.7.2.12	10.12944/CRNFSJ.7.2.12	45
One-pot facile synthesis of novel 1,2,3-triazole-appended -aminophosphonates	Danne, AB; Akolkar, SV; Deshmukh, TR; Siddiqui, MM; Shingate, BB	JOURNAL OF THE IRANIAN CHEMICAL SOCIETY	2019	1735-207X	http://dx.doi.org/10.1007/s13738-018-1571-0	10.1007/s13738-018-1571-0	76
Development of Early Prediction Model for Epileptic Seizures	Shaikh, A; Dhopeshwarkar, M	DATA SCIENCE AND BIG DATA ANALYTICS	2019	2367-4512	http://dx.doi.org/10.1007/978-981-10-7641-1_11	10.1007/978-981-10-7641-1_11	29
Analysis of Heart Rate Variability in Biometric Identification	Jadhav, VS; Bansod, N; Kale, KV	PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2018)	2018				25
A rapid synthesis of quinoxalines by using Al2O3-ZrO2 as heterogeneous catalyst	Thombre, PB; Korde, SA; Dipake, SS; Rajbhoj, AS; Lande, MK; Gaikwad, ST	SYNTHETIC COMMUNICATIONS	2023	0039-7911	http://dx.doi.org/10.1080/00397911.2023.2239394	10.1080/00397911.2023.2239394	59

Preparation, characterization and catalytic application of Zn-based metal-organic framework catalyst for synthesis of 3,3-(arylmethylene)bis-1H-indole derivatives	Rathod, VN; Pawar, GT; Gaikwad, ST; Lande, MK	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	2022	0268-2575	http://dx.doi.org/10.1002/jctb.7071	10.1002/jctb.7071	28
Spatial distribution and risk assessment of naturally occurring uranium along with correlational study from Buldhana district of Maharashtra, India	Kale, A; Bandela, N; Kulkarni, J	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2021	0236-5731	http://dx.doi.org/10.1007/s10967-020-07556-0	10.1007/s10967-020-07556-0	71
Detection of Adulteration in Coconut Milk using Infrared Spectroscopy and Machine Learning	Al-Awadhi, MA; Deshmukh, RR	2021 INTERNATIONAL CONFERENCE OF MODERN TRENDS IN INFORMATION AND COMMUNICATION TECHNOLOGY INDUSTRY (MTICTI 2021)	2021		http://dx.doi.org/10.1109/MTICTI53925.2021.9664764	10.1109/MTICTI53925.2021.9664764	12

The Minkowski's inequalities via Ω-Riemann-Liouville fractional integral operators	Aljaaidi, TA; Pachpatte, DB	RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO	2021	0009-725X	http://dx.doi.org/10.1007/s12215-020-00539-w	10.1007/s12215-020-00539-w	33
Development of organic/inorganic PANI/ZnO 1D nanostructured hybrid thin film solar cell by soft chemical route	Tonpe, DA; Gattu, KP; Kutwade, VV; Sonawane, ME; Dive, AS; Sharma, R	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2019	0957-4522	http://dx.doi.org/10.1007/s10854-019-01976-9	10.1007/s10854-019-01976-9	30
De-centralized information flow control for cloud virtual machines with hybrid AES-ECC and improved meta-heuristic optimization based optimal key generation	Gurav, YB; Patil, BM	INTERNATIONAL JOURNAL OF INTELLIGENT ROBOTICS AND APPLICATIONS	2023	2366-5971	http://dx.doi.org/10.1007/s41315-022-00268-6	10.1007/s41315-022-00268-6	33
Enhanced Electrochemical NO2- Oxidation Reactions on Biomolecule Functionalised Graphene Oxide	Chavan, PP; Sapner, VS; Sathe, BR	CHEMISTRYSELECT	2021	2365-6549	http://dx.doi.org/10.1002/slct.202100608	10.1002/slct.202100608	53

Electrocatalytic Ethanol Oxidation on Cobalt-Bismuth Nanoparticle-Decorated Reduced Graphene Oxide (Co-Bi@rGO): Reaction Pathway Investigation toward Direct Ethanol Fuel Cells	Munde, AV; Mulik, BB; Chavan, PP; Sapner, VS; Narwade, SS; Mali, SM; Sathe, BR	JOURNAL OF PHYSICAL CHEMISTRY C	2021	1932-7447	http://dx.doi.org/10.1021/acs.jpcc.0c10668	10.1021/acs.jpcc.0c10668	78
Ruthenium silicate (RS-1) zeolite: novel heterogeneous efficient catalyst for synthesis of 2-arylbenzothiazole derivatives	Gadekar, SP; Lande, MK	RESEARCH ON CHEMICAL INTERMEDIATES	2021	0922-6168	http://dx.doi.org/10.1007/s11164-020-04353-y	10.1007/s11164-020-04353-y	66
Advance Assessment of Neural Network for Identification of Diabetic Nephropathy Using Renal Biopsies Images	Patil, YB; Kawathekar, S	COMPUTATIONAL VISION AND BIO-INSPIRED COMPUTING	2020	2194-5357	http://dx.doi.org/10.1007/978-3-030-37218-7_116	10.1007/978-3-030-37218-7_116	11
Amine-functionalized multi-walled carbon nanotubes (EDA-MWCNTs) for electrochemical water splitting reactions	Narwade, SS; Mali, SM; Sathe, BR	NEW JOURNAL OF CHEMISTRY	2021	1144-0546	http://dx.doi.org/10.1039/d0nj05479h	10.1039/d0nj05479h	48

AN EXTENSION OF TOPSIS FOR GROUP DECISION MAKING IN INTUITIONISTIC FUZZY ENVIRONMENT	Parveen, N; Kamble, PN	MATHEMATICAL FOUNDATIONS OF COMPUTING	2021		http://dx.doi.org/10.3934/mfc.2021002	10.3934/mfc.2021002	14
Positive solution of Hilfer fractional differential equations with integral boundary conditions	Almalahi, MA; Panchal, SK; Abdo, MS	STUDIA UNIVERSITATIS BABES-BOLYAI MATHEMATICA	2021	0252-1938	http://dx.doi.org/10.24193/subbmath.2021.4.09	10.24193/subbmath.2021.4.09	14
USAGE OF THE HOMOTOPY ANALYSISMETHOD FOR SOLVING FRACTIONAL VOLTERRA-FREDHOLM INTEGRO-DIFFERENTIAL EQUATION OF THE SECOND KIND	Hamoud, AA; Ghadle, KP	TAMKANG JOURNAL OF MATHEMATICS	2018	0049-2930	http://dx.doi.org/10.5556/j.tkjm.49.2018.2718	10.5556/j.tkjm.49.2018.2718	21
Existence and Ulam-Hyers-Mittag-Leffler stability results of ψ-Hilfer nonlocal Cauchy problem	Almalahi, MA; Abdo, MS; Panchal, SK	RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO	2021	0009-725X	http://dx.doi.org/10.1007/s12215-020-00484-8	10.1007/s12215-020-00484-8	32

Ceria-Molybdenum Mix Metal Oxide: A Mild and Efficient Recyclable Catalyst for One-Pot Synthesis of Polyhydroquinoline via Hantzsch Reaction	Bansode, ND; Gadekar, SP; Gaikwad, ST; Lande, MK	ORBITAL-THE ELECTRONIC JOURNAL OF CHEMISTRY	2020	1984-6428	http://dx.doi.org/10.17807/orbital.v12i1.1420	10.17807/orbital.v12i1.1420	49
THE BHAGAVAD-GITA FOR THE MODERN READER History, Interpretations and Philosophy Second Edition FOREWORD	Amur, GS	BHAGAVAD-GITA FOR THE MODERN READER: HISTORY, INTERPRETATIONS AND PHILOSOPHY, 2ND EDITION	2019				0
Properties of some ψ-Hilfer fractional Fredholm-type integro-differential equations	Pachpatte, DB	ADVANCES IN OPERATOR THEORY	2021	2662-2009	http://dx.doi.org/10.1007/s43036-020-00114-1	10.1007/s43036-020-00114-1	17
Auto QSAR- A Fast Approach for Creation and Application of QSAR Models through Automation	Karnik, KS; Narula, IS; Sarkate, AP; Wakte, PS	CHEMISTRYSELECT	2020	2365-6549	http://dx.doi.org/10.1002/slct.202000744	10.1002/slct.202000744	29

Multicomponent reactions and supramolecular catalyst: A perfect synergy for eco-compatible synthesis of pyrido[2,3-d]pyrimidines in water	Chate, AV; Kulkarni, AS; Jadhav, CK; Nipte, AS; Bondle, GM	JOURNAL OF HETEROCYCLIC CHEMISTRY	2020	0022-152X	http://dx.doi.org/10.1002/jhet.3938	10.1002/jhet.3938	68
Optimization of whey protein concentrate and psyllium husk for the development of protein-fiber rich orange fleshed sweet potato (Ipomoea batatas L.) bread by using response surface methodology	Giri, NA; Sakhale, BK	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	2020	2193-4126	http://dx.doi.org/10.1007/s11694-019-00304-3	10.1007/s11694-019-00304-3	54
Some New Results for Functional Fractional Differential Inclusions with Impulses Effect	Alsarori, N; Ghadle, K	JOURNAL OF MATHEMATICAL EXTENSION	2021	1735-8299	http://dx.doi.org/10.30495/JME.2021.1566	10.30495/JME.2021.1566	29

Influence of light wavelengths, light intensity, temperature, and pH on biosynthesis of extracellular and intracellular pigment and biomass of Pseudomonasaeruginosa NR1	Rehman, NNMA; Dixit, PP	JOURNAL OF KING SAUD UNIVERSITY SCIENCE	2020	1018-3647	http://dx.doi.org/10.1016/j.jksus.2019.01.004	10.1016/j.jksus.2019.01.004	37
Water compatible silica supported iron trifluoroacetate and trichloroacetate: as prominent and recyclable Lewis acid catalysts for solvent-free green synthesis of hexahydroquinoline-3-carboxamides	Gholap, DP; Huse, R; Dipake, S; Lande, MK	RSC ADVANCES	2023		http://dx.doi.org/10.1039/d3ra03542e	10.1039/d3ra03542e	71
β-Cyclodextrin: An Efficient Supramolecular Catalyst for the Synthesis of Pyranoquinolines Derivatives under Ultrasonic Irradiation in Water	Jadhav, CK; Nipate, AS; Chate, AV; Gill, CH	POLYCYCLIC AROMATIC COMPOUNDS	2022	1040-6638	http://dx.doi.org/10.1080/10406638.2021.1886125	10.1080/10406638.2021.1886125	45

A Review on Automatic Classification of Honey Botanical Origins using Machine Learning	Al-Awadhi, MA; Deshmukh, RR	2021 INTERNATIONAL CONFERENCE OF MODERN TRENDS IN INFORMATION AND COMMUNICATION TECHNOLOGY INDUSTRY (MTICTI 2021)	2021		http://dx.doi.org/10.1109/MTICTI53925.2021.9664758	10.1109/MTICTI53925.2021.9664758	47
The impact of entrepreneurial orientation on the supply chain resilience	Al-Hakimi, MA; Borade, DB	COGENT BUSINESS & MANAGEMENT	2020	2331-1975	http://dx.doi.org/10.1080/23311975.2020.1847990	10.1080/23311975.2020.1847990	118
An Efficient Synthesis of 1,8-Dioxo-Octahydroxanthenes Derivatives Using Heterogeneous Ce-ZSM-11 Zeolite Catalyst	Magar, RR; Pawar, GT; Gadekar, SP; Lande, MK	BULLETIN OF CHEMICAL REACTION ENGINEERING AND CATALYSIS	2018	1978-2993	http://dx.doi.org/10.9767/bcrec.13.3.2062.436-446	10.9767/bcrec.13.3.2062.436-446	36
EFFECT OF PERTURBATION IN THE SOLUTION OF FRACTIONAL NEUTRAL FUNCTIONAL DIFFERENTIAL EQUATIONS	Abdo, MS; Panchal, SK	JOURNAL OF THE KOREAN SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS	2018	1226-9433	http://dx.doi.org/10.12941/jksiam.2018.22.063	10.12941/jksiam.2018.22.063	25

Biochemical characterization of α-amylases from differently feeding pests: sap-sucking Aphis craccivora and tissue chewing Pectinophora gossypiella	Nadaf, HL; Sirsat, AK; Hivrale, VK	INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE	2022	1742-7584	http://dx.doi.org/10.1007/s42690-022-00899-z	10.1007/s42690-022-00899-z	46
Assessment of chemo-radiological risk of naturally occurred uranium in groundwater from the Beed district, India	Kale, A; Bandela, N; Kulkarni, J	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2020	0236-5731	http://dx.doi.org/10.1007/s10967-019-06849-3	10.1007/s10967-019-06849-3	19
Validated RP-HPLC for Simultaneous Estimation of Etoposide and Picroside-II in Patented Pharmaceutical Formulation and the Bulk	Bhusari, S; Borse, G; Rindhe, M; Wakte, P	INTERNATIONAL JOURNAL OF PHARMACEUTICAL AND PHYTOPHARMACOLOGICAL RESEARCH	2019	2250-1029			19

Efficient sonochemical protocol for the facile synthesis of dipyrimido-dihydropyridine and pyrimido[4,5-d]pyrimidines in aqueous -cyclodextrin	Jadhav, C; Khillare, LD; Bhosle, MR	SYNTHETIC COMMUNICATIONS	2018	0039-7911	http://dx.doi.org/10.1080/00397911.2017.1390685	10.1080/00397911.2017.1390685	79
Graphene Oxide Decorated with Rh Nanospheres for Electrocatalytic Water Splitting	Narwade, SS; Mali, SM; Sapner, VS; Sathe, BR	ACS APPLIED NANO MATERIALS	2020	2574-0970	http://dx.doi.org/10.1021/acsanm.0c02762	10.1021/acsanm.0c02762	46
NONLINEAR BOUNDARY VALUE PROBLEM FOR FRACTIONAL DIFFERENTIAL EQUATIONS WITH ADVANCED ARGUMENTS UNDER INTEGRAL BOUNDARY CONDITIONS	Rizqan, BH; Dhaigude, DB	TAMKANG JOURNAL OF MATHEMATICS	2020	0049-2930	http://dx.doi.org/10.5556/j.tkjm.51.2020.2696	10.5556/j.tkjm.51.2020.2696	17
Determination of soil physicochemical attributes in farming sites through visible, near-infrared diffuse reflectance spectroscopy and PLSR modeling	Vibhute, AD; Kale, KV; Mehrotra, SC; Dhumal, RK; Nagne, AD	ECOLOGICAL PROCESSES	2018		http://dx.doi.org/10.1186/s13717-018-0138-4	10.1186/s13717-018-0138-4	34

Copper Catalyzed Ligand Free Microwave Mediated Synthesis of α-ketoamides from Aromatic Ketones	Karnik, KS; Sarkate, AP; Jagtap, SD; Wakte, PS	CURRENT MICROWAVE CHEMISTRY	2018	2213-3356	http://dx.doi.org/10.2174/2213335604666171128150721	10.2174/2213335604666171128150721	18
Highly efficient metal-free ethylenediamine-functionalized fullerene (EDA@C60) electrocatalytic system for enhanced hydrogen generation from hydrazine hydrate	Narwade, SS; Mali, SM; Tanwade, PD; Chavan, PP; Munde, AV; Sathe, BR	NEW JOURNAL OF CHEMISTRY	2022	1144-0546	http://dx.doi.org/10.1039/d2nj01392d	10.1039/d2nj01392d	30
Metal-free graphene-based nanoelectrodes for the electrochemical determination of ascorbic acid (AA) and p-nitrophenol (p-NP): implication towards biosensing and environmental monitoring	Sapner, VS; Sathe, BR	NEW JOURNAL OF CHEMISTRY	2021	1144-0546	http://dx.doi.org/10.1039/d0nj05806h	10.1039/d0nj05806h	62

Efficient one-pot synthesis of polyhydroquinoline derivatives through the Hantzsch condensation using IRMOF-3 as heterogeneous and reusable catalyst	Rathod, VN; Bansode, ND; Thombre, PB; Lande, MK	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	2021	0009-4536	http://dx.doi.org/10.1002/jccs.202000303	10.1002/jccs.202000303	39
On the theory of fractional terminal value problem with ψ-Hilfer fractional derivative	Almalahi, MA; Abdo, MS; Panchal, SK	AIMS MATHEMATICS	2020		http://dx.doi.org/10.3934/math.2020312	10.3934/math.2020312	30
Heteroatom (N, O, and S)-Based Biomolecule-Functionalized Graphene Oxide: A Bifunctional Electrocatalyst for Enhancing Hydrazine Oxidation and Oxygen Reduction Reactions	Sapner, VS; Chavan, PP; Munde, AV; Sayyad, US; Sathe, BR	ENERGY & FUELS	2021	0887-0624	http://dx.doi.org/10.1021/acs.energyfuels.0c04298	10.1021/acs.energyfuels.0c04298	88

Cobalt oxide nanoparticle-decorated reduced graphene oxide (Co3O4-rGO): active and sustainable nanoelectrodes for water oxidation reaction	Munde, AV; Mulik, BB; Dighole, RP; Sathe, BR	NEW JOURNAL OF CHEMISTRY	2020	1144-0546	http://dx.doi.org/10.1039/d0nj02598d	10.1039/d0nj02598d	59
An efficient one-pot three-component synthesis of 7-amino-2,4-dioxo-5-aryl-1,3,4,5-tetrahydro-2H-pyrano[2,3-d]pyrimidine-6-carbonitriles catalyzed by SnO2/SiO2 nanocomposite	Yelwande, AA; Lande, MK	RESEARCH ON CHEMICAL INTERMEDIATES	2020	0922-6168	http://dx.doi.org/10.1007/s11164-020-04273-x	10.1007/s11164-020-04273-x	88
NONLOCAL FRACTIONAL DIFFERENTIAL INCLUSIONS WITH IMPULSE EFFECTS AND DELAY	Alsarori, NA; Ghadle, KP	JOURNAL OF THE KOREAN SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS	2020	1226-9433	http://dx.doi.org/10.12941/jksiam.2020.24.229	10.12941/jksiam.2020.24.229	27

β-Cyclodextrin catalyzed access to fused 1,8-dihydroimidazo[2,3-b]indoles via one-pot multicomponent cascade in aqueous ethanol: Supramolecular approach toward sustainability	Nipate, AS; Jadhav, CK; Chate, AV; Taur, KS; Gill, CH	JOURNAL OF HETEROCYCLIC CHEMISTRY	2020	0022-152X	http://dx.doi.org/10.1002/jhet.3828	10.1002/jhet.3828	35
An efficient contemporary multicomponent synthesis for the facile access to coumarin-fused new thiazolyl chromeno[4,3-b]quinolones in aqueous micellar medium	Bhosle, MR; Joshi, SA; Bondle, GM	JOURNAL OF HETEROCYCLIC CHEMISTRY	2020	0022-152X	http://dx.doi.org/10.1002/jhet.3802	10.1002/jhet.3802	64
Application of 1-methylcyclopropene on mango fruit (Cv. Kesar): potential for shelf life enhancement and retention of quality	Sakhale, BK; Gaikwad, SS; Chavan, RF	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE	2018	0022-1155	http://dx.doi.org/10.1007/s13197-017-2990-0	10.1007/s13197-017-2990-0	35

High Performance Liquid Chromatography Method Validation and Forced Degradation Studies of Chrysin	Nikam, K; Bhusari, S; Wakte, P	JOURNAL OF RESEARCH IN PHARMACY	2023	2630-6344	http://dx.doi.org/10.29228/jrp.309	10.29228/jrp.309	30
Ionic Liquid: A Review on Multicomponent Synthesis of Dihydropyrano [3,2-c] Chromenes	Tekale, KM; Katkar, SS; Wahul, DB	LETTERS IN ORGANIC CHEMISTRY	2023	1570-1786	http://dx.doi.org/10.2174/1570178620666230309154227	10.2174/1570178620666230309154227	41
Creating spaces for indigeneity from Nizam's Hyderabad state to Maharashtra	Sengar, B	SPACES AND PLACES IN WESTERN INDIA: FORMATIONS AND DELINEATIONS	2020				65
Enzyme Application for Reduction of Acrylamide Formation in Fried Potato Chips	Dange, VU; Sakhale, BK; Giri, NA	CURRENT RESEARCH IN NUTRITION AND FOOD SCIENCE	2018	2347-467X	http://dx.doi.org/10.12944/CRNFSJ.6.1.25	10.12944/CRNFSJ.6.1.25	9

Evaluating Reasoning in Factoid based Question Answering System by Using Machine Learning Approach	Pundge, AM; Mahender, CN	PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON COMMUNICATION AND ELECTRONICS SYSTEMS (ICCES 2018)	2018				22
Enhanced electrocatalytic activity towards urea oxidation on Ni nanoparticle decorated graphene oxide nanocomposite	Munde, AV; Mulik, BB; Chavan, PP; Sathe, BR	ELECTROCHIMICA ACTA	2020	0013-4686			66
On the Theory of ψ-Hilfer Nonlocal Cauchy Problem	Almalahi, MA; Panchal, SK	JOURNAL OF SIBERIAN FEDERAL UNIVERSITY-MATHEMATICS & PHYSICS	2021	1997-1397	http://dx.doi.org/10.17516/1997-1397-2021-14-2-159-175	10.17516/1997-1397-2021-14-2-159-175	33
Evaluation of official destination website of Maharashtra state (India) from the customer perspectives	Satghare, HR; Sawant, M	JOURNAL OF GLOBAL SCHOLARS OF MARKETING SCIENCE	2019	2163-9159	http://dx.doi.org/10.1080/21639159.2019.1577154	10.1080/21639159.2019.1577154	37

Impact of variable pH on the stability and aggregate kinetics of Bidri handicraft surface patina	Mulik, BB; Sapner, VS; Khan, A; Rolla, KP; Shelke, A; Sathe, BR	INORGANIC CHEMISTRY COMMUNICATIONS	2023	1387-7003	http://dx.doi.org/10.1016/j.inoche.2022.110314	10.1016/j.inoche.2022.110314	17
De-Centralized Information Flow Control for Cloud Virtual Machines with Blowfish Encryption Algorithm	Gurav, YB; Patil, BM	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2021	1738-7906	http://dx.doi.org/10.22937/IJCSNS.2021.21.12.35	10.22937/IJCSNS.2021.21.12.35	23
Incomparability graphs of dismantable lattices	Nimbhorkar, SK; Deshmukh, VS	ASIAN-EUROPEAN JOURNAL OF MATHEMATICS	2020	1793-5571	http://dx.doi.org/10.1142/S1793557120500345	10.1142/S1793557120500345	15
n-Absorbing δ-Primary Elements in a Multiplicative Lattice	Nimbhorkar, SK; Nehete, JY	SOUTHEAST ASIAN BULLETIN OF MATHEMATICS	2019	0129-2021			8
From the Sundarban delta to Deccan 'Aurangabad': climatic refugees' resilience for livelihood	Sengar, B	JOURNAL OF THE INDIAN OCEAN REGION	2023	1948-0881	http://dx.doi.org/10.1080/19480881.2023.2244797	10.1080/19480881.2023.2244797	26

Bioanalytical method development and validation of folic acid from rat plasma using reverse phase high performance liquid chromatography	Chaudhary, A; Shrangare, G; Bhusari, S	JOURNAL OF RESEARCH IN PHARMACY	2023	2630-6344	http://dx.doi.org/10.29228/jrp.432	10.29228/jrp.432	23
ZS-1 Zeolite as a Highly Efficient and Reusable Catalyst for Facile Synthesis of 1-amidoalkyl-2-naphthols Under Solvent-Free Conditions	Dipake, SS; Gadekar, SP; Thombre, PB; Lande, MK; Rajbhoj, AS; Gaikwad, ST	CATALYSIS LETTERS	2022	1011-372X	http://dx.doi.org/10.1007/s10562-021-03684-8	10.1007/s10562-021-03684-8	52
Tyramine Functionalized Graphene: Metal-Free Electrochemical Non-Enzymatic Biosensing of Hydrogen Peroxide	Sapner, VS; Chavan, PP; Digraskar, RV; Narwade, SS; Mulik, BB; Mali, SM; Sathe, BR	CHEMELECTROCHEM	2018	2196-0216	http://dx.doi.org/10.1002/celc.201801083	10.1002/celc.201801083	71
Review on Sentiment Lexicons	Jagdale, RS; Shirsat, VS; Deshmukh, SN	PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON COMMUNICATION AND ELECTRONICS SYSTEMS (ICCES 2018)	2018				20

An efficient green protocol for the synthesis of 1,2,4,5-tetrasubstituted imidazoles in the presence of ZSM-11 zeolite as a reusable catalyst	Dipake, SS; Ingale, VD; Korde, SA; Lande, MK; Rajbhoj, AS; Gaikwad, ST	RSC ADVANCES	2022		http://dx.doi.org/10.1039/d1ra07984k	10.1039/d1ra07984k	62
2-Absorbing δ-Primary Ideals in Lattices	Nimbhorkar, SK; Nehete, JY	SOUTHEAST ASIAN BULLETIN OF MATHEMATICS	2020	0129-2021			19
Synthesis of TiO2 nanoparticles by electrochemical method and their antibacterial application	Anandgaonker, P; Kulkarni, G; Gaikwad, S; Rajbhoj, A	ARABIAN JOURNAL OF CHEMISTRY	2019	1878-5352	http://dx.doi.org/10.1016/j.arabjc.2014.12.015	10.1016/j.arabjc.2014.12.015	25
Existence and Uniqueness of Solutions of Fractional Differential Equations with Deviating Arguments under Integral Boundary Conditions	Dhaigude, D; Rizqan, B	KYUNGPOOK MATHEMATICAL JOURNAL	2019	1225-6951	http://dx.doi.org/10.5666/KMJ.2019.59.1.191	10.5666/KMJ.2019.59.1.191	43
AN AMERICAN VIEW OF THE MAHATMA'S EMPIRICISM	Lindley, M	INDIAN JOURNAL OF MEDICAL RESEARCH	2019	0971-5916	http://dx.doi.org/10.4103/0971-5916.251662	10.4103/0971-5916.251662	0

Spatial distribution of ground water quality index using remote sensing and GIS techniques	Dandge, KP; Patil, SS	APPLIED WATER SCIENCE	2022	2190-5487	http://dx.doi.org/10.1007/s13201-021-01546-7	10.1007/s13201-021-01546-7	129
Development of Nanonized Nitrendipine and Its Transformation into Nanoparticulate Oral Fast Dissolving Drug Delivery System	Gandhi, NV; Deokate, UA; Angadi, SS	AAPS PHARMSCITECH	2021	1530-9932	http://dx.doi.org/10.1208/s12249-021-01963-6	10.1208/s12249-021-01963-6	49
Zeolite ZSM-11 as a reusable and efficient catalyst promoted improved protocol for synthesis of 2,4,5-triarylimidazole derivatives under solvent-free condition	Dipake, SS; Lande, MK; Rajbhoj, AS; Gaikwad, ST	RESEARCH ON CHEMICAL INTERMEDIATES	2021	0922-6168	http://dx.doi.org/10.1007/s11164-021-04423-9	10.1007/s11164-021-04423-9	44
ψ-Hilfer Fractional Functional Differential Equation by Picard Operator Method	Almalahi, MA; Abdo, MS; Panchal, SK	JOURNAL OF APPLIED NONLINEAR DYNAMICS	2020	2164-6457	http://dx.doi.org/10.5890/JAND.2020.12.011	10.5890/JAND.2020.12.011	31

Bi2O3 Nanoparticles Decorated Carbon Nanotube: An Effective Nanoelectrode for Enhanced Electrocatalytic 4-Nitrophenol Reduction	Dighole, RP; Munde, AV; Mulik, BB; Sathe, BR	FRONTIERS IN CHEMISTRY	2020	2296-2646	http://dx.doi.org/10.3389/fchem.2020.00325	10.3389/fchem.2020.00325	47
Survey of Progressive Era of Text Summarization for Indian and Foreign Languages Using Natural Language Processing	Dhawale, AD; Kulkarni, SB; Kumbhakarna, V	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION	2020	2367-4512	http://dx.doi.org/10.1007/978-3-030-38040-3_74	10.1007/978-3-030-38040-3_74	42
δ-Ideals in pseudo-complemented distributive join-semilattices	Nimbhorkar, SK; Nehete, JY	ASIAN-EUROPEAN JOURNAL OF MATHEMATICS	2021	1793-5571	http://dx.doi.org/10.1142/S1793557121501060	10.1142/S1793557121501060	12
Existence results of ψ-Hilfer integro-differential equations with fractional order in Banach space	Almalahi, MA; Panchal, SK	ANNALES UNIVERSITATIS PAEDAGOGICAE CRACOVIENSIS-STUDIA MATHEMATICA	2020	2081-545X	http://dx.doi.org/10.2478/aupcsm-2020-0013	10.2478/aupcsm-2020-0013	23
SOLVING FUZZY FRACTIONAL WAVE EQUATION BY THE VARIATIONAL ITERATION METHOD IN FLUID MECHANICS	Khan, F; Ghadle, KP	JOURNAL OF THE KOREAN SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS	2019	1226-9433	http://dx.doi.org/10.12941/jksiam.2019.23.381	10.12941/jksiam.2019.23.381	26

PROTECTIVE ROLE OF HONEY AND ROYAL JELLY ON CISPLATIN INDUCED OXIDATIVE STRESS IN LIVER OF RAT	Waykar, BB; Alqadhi, YA	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2019	0975-8232	http://dx.doi.org/10.13040/IJPSR.0975-8232.10(8).3898-04	10.13040/IJPSR.0975-8232.10(8).3898-04	44
Rule-based design for Anaphora Resolution of Marathi Sentence	Khandale, K; Mahender, CN	2019 IEEE 5TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2019		http://dx.doi.org/10.1109/i2ct45611.2019.9033823	10.1109/i2ct45611.2019.9033823	14
Urban LULC Change Detection and Mapping Spatial Variations of Aurangabad City Using IRS LISS-III Temporal Datasets and Supervised Classification Approach	Nagne, AD; Vibhute, AD; Dhumal, RK; Kale, KV; Mehrotra, SC	DATA ANALYTICS AND LEARNING	2019	2367-3370	http://dx.doi.org/10.1007/978-981-13-2514-4_31	10.1007/978-981-13-2514-4_31	19
Discovery, Design, and Development of Effective and Stable Binding Compounds for Mutant EGFR Inhibition	Karnik, KS; Sarkate, AP; Jambhorkar, VS; Wakte, PS	LETTERS IN DRUG DESIGN & DISCOVERY	2023	1570-1808	http://dx.doi.org/10.2174/1570180819666220613094708	10.2174/1570180819666220613094708	50

Comparative Extraction and Quantification of Scutellarein from Leaves of Triumfetta rhomboidea Using RP-HPLC	Kendre, N; Wakte, P	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2023	0019-5464	http://dx.doi.org/10.5530/0019 54641137	10.5530/0019 54641137	16
A REVIEW ON SURFACE MODIFICATION OF TI-6AL-4V(TC4), GRADE-5 TI ALLOY USED IN ORTHOPEDIC IMPLANTS	Dadhe, MA; Hambire, UV	ADVANCES AND APPLICATIONS IN MATHEMATICAL SCIENCES	2022	0974-6803	http://dx.doi.org/10.1578/appl. 4578.325	10.1578/appl. 4578.325	10
Some properties of 2-absorbing primary ideals in lattices	Wasadikar, MP; Gaikwad, KT	AKCE INTERNATIONAL JOURNAL OF GRAPHS AND COMBINATORICS	2019	0972-8600	http://dx.doi.org/10.1016/j.akc ej.2018.01.015	10.1016/j.akc ej.2018.01.01 5	9
TS-1 zeolite as a Lewis acid catalyst for solvent-free one-pot synthesis of 1,3-thiazolidin-4-ones	Gadekar, SP; Lande, MK	RESEARCH ON CHEMICAL INTERMEDIATES	2019	0922-6168	http://dx.doi.org/10.1007/s111 64-018-3599-2	10.1007/s111 64-018-3599-2	48
Plant Classification Using Image Processing and Neural Network	Amlekar, MM; Gaikwad, AT	DATA MANAGEMENT, ANALYTICS AND INNOVATION, ICDMAI 2018, VOL 2	2019	2194-5357	http://dx.doi.org/10.1007/978-981-13-1274-8_29	10.1007/978-981-13-1274-8_29	12

Solid acid TS-1 catalyst: an efficient catalyst in Knoevenagel condensation for the synthesis of 5-arylidene-2,4-thiazolidinediones/Rhodanines in aqueous medium	Gadekar, SP; Dipake, SS; Gaikwad, ST; Lande, MK	RESEARCH ON CHEMICAL INTERMEDIATES	2018	0922-6168	http://dx.doi.org/10.1007/s11164-018-3570-2	10.1007/s11164-018-3570-2	43
Analytical Solution of Nonlinear Nonhomogeneous Space and Time Fractional Physical Models by Improved Adomian Decomposition Method	Dhaigude, DB; Bhadgaonkar, VN	PUNJAB UNIVERSITY JOURNAL OF MATHEMATICS	2022		http://dx.doi.org/10.52280/pujm.2021.540205	10.52280/pujm.2021.540205	41
Bi2O3@Bi nanoparticles for ultrasensitive electrochemical determination of thiourea: monitoring towards environmental pollutants	Munde, AV; Mulik, BB; Dighole, RP; Dhawale, SC; Sable, LS; Avhale, AT; Sathe, BR	ELECTROCHIMICA ACTA	2021	0013-4686	http://dx.doi.org/10.1016/j.electacta.2021.139111	10.1016/j.electacta.2021.139111	50

L-Lysine-Functionalized Reduced Graphene Oxide as a Highly Efficient Electrocatalyst for Enhanced Oxygen Evolution Reaction	Sapner, VS; Chavan, PP; Sathe, BR	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2020	2168-0485	http://dx.doi.org/10.1021/acssuschemeng.9b06918	10.1021/acssuschemeng.9b06918	80
Ce-ZSM-11 Zeolite: An Efficient Heterogeneous Catalyst for One Pot Synthesis of 4H-Pyran Derivatives	Magar, RR; Pawar, GT; Gadekar, SP; Machhindra, KL	IRANIAN JOURNAL OF CHEMISTRY & CHEMICAL ENGINEERING-INTERNATIONAL ENGLISH EDITION	2020	1021-9986	http://dx.doi.org/10.30492/IJCCE.2020.32997	10.30492/IJCCE.2020.32997	34
On Some Dynamic Inequalities in Two Variables on Time Scales	Pachpatte, D	EMERGING TRENDS IN MATHEMATICAL SCIENCES AND ITS APPLICATIONS	2019	0094-243X	http://dx.doi.org/10.1063/1.5086626	10.1063/1.5086626	15
Baker's yeast catalyzed one-pot synthesis of bioactive 2-[benzylidene(or pyrazol-4-ylmethylene) hydrazono]-1,3-thiazolidin-4-one-5-yl-acetic acids	Chavan, AS; Kharat, AS; Bhosle, MR; Mane, RA	HETEROCYCLIC COMMUNICATIONS	2018	0793-0283	http://dx.doi.org/10.1515/hc-2017-0130	10.1515/hc-2017-0130	41

Design and Development of IoT based System for Retrieval of Agrometeorological Parameters	Jangam, AR; Kale, KV; Gaikwad, S; Vibhute, AD	2018 INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING (ICRIEECE 2018)	2018				25
EFFECT OF LOW TEMPERATURE ON DIAPAUSE EGGS OF Dysdercus cingulatus (Hemiptera: Pyrrhocoridae)	Shaikh, S	SCIENTIFIC PAPERS-SERIES A-AGRONOMY	2018	2285-5785			17
Investigation of Structural and Microbial Properties of Samarium-Doped Nickel-Strontium Ferrite Nanoparticles Prepared via the Sol-Gel Route	Bhore, RM; Tigote, RM; Kazi, SK; Chavan, SR; Khobragade, RM; Tiwari, GB	BIONANOSCIENCE	2023	2191-1630	http://dx.doi.org/10.1007/s12668-023-01122-0	10.1007/s12668-023-01122-0	58

Sunlight assisted photocatalytic degradation of different organic pollutants and simultaneous degradation of cationic and anionic dyes using titanium and zinc based nanocomposites	Sutar, RS; Barkul, RP; Patil, MK	JOURNAL OF MOLECULAR LIQUIDS	2021	0167-7322	http://dx.doi.org/10.1016/j.molliq.2021.117191	10.1016/j.molliq.2021.117191	70
Recognition of Isolated Digit Using Random Forest for Audio-Visual Speech Recognition	Borde, P; Kulkarni, S; Gawali, B; Yannawar, P	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES	2022	0369-8203	http://dx.doi.org/10.1007/s40010-020-00724-7	10.1007/s40010-020-00724-7	26
Domain-Specific Fuzzy Rule-Based Opinion Mining	Thorat, S; Mahender, CN	INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND COMMUNICATIONS, VOL 2	2019	2367-3370	http://dx.doi.org/10.1007/978-981-13-2354-6_30	10.1007/978-981-13-2354-6_30	18
Properties of Some Dynamic Partial Integrodifferential Equations on Time Scales	Pachpatte, DU	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS	2018	0976-5905	http://dx.doi.org/10.26713/cma.v9i4.591	10.26713/cma.v9i4.591	12

Use of Aerial Roots of Ficus benghalensis for Green Synthesis of Silver Nanoparticles with Enhanced Antibacterial Activity	Patave, TR; Siddiqui, AUR	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	2456-9119	http://dx.doi.org/10.9734/JPRI/2021/v33i41A32325	10.9734/JPRI/2021/v33i41A32325	33
COMPUTER-ASSISTED LANGUAGE INSTRUCTION IN SOUTH YEMENI CONTEXT: A STUDY OF TEACHERS' ATTITUDES, ICT USES AND CHALLENGES	Ahmed, STS; Qasem, BTA; Pawar, SV	IJOLE-INTERNATIONAL JOURNAL OF LANGUAGE EDUCATION	2020	2548-8457	http://dx.doi.org/10.26858/ijole.v4i2.10106	10.26858/ijole.v4i2.10106	46
Real-time imaging as an emerging process analytical technology tool for monitoring of fluid bed coating process	Naidu, VR; Deshpande, RS; Syed, MR; Wakte, PS	PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY	2018	1083-7450	http://dx.doi.org/10.1080/10837450.2017.1287730	10.1080/10837450.2017.1287730	37
A Comparative study of effective way to modify different object in Image and Video	Pawar, AJ; Jadhav, HL; Ukarande, VV; Chavan, SR	PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON INVENTIVE SYSTEMS AND CONTROL (ICISC 2018)	2018				16

Oral Bioavailability Enhancement of Docetaxel by Preparation of Freeze-Dried Ternary Solid Dispersion Using Hydrophilic Polymer and Surfactant	Mane, PT; Wakure, BS; Wakte, PS	JOURNAL OF PHARMACEUTICAL INNOVATION	2023	1872-5120	http://dx.doi.org/10.1007/s12247-023-09746-1	10.1007/s12247-023-09746-1	44
The Hermite-Hadamard-Mercer Type Inequalities via Generalized Proportional Fractional Integral Concerning Another Function	Aljaaidi, TA; Pachpatte, DB	INTERNATIONAL JOURNAL OF MATHEMATICS AND MATHEMATICAL SCIENCES	2022	0161-1712	http://dx.doi.org/10.1155/2022/6716830	10.1155/2022/6716830	35
MORPHOLOGICAL AND MOLECULAR PHYLOGENY OF ANOPLOCEPHALIDEAN CESTODE PARASITE FROM CAPRA HIRCUS(L) IN SOLAPUR DISTRICT (M.S.) INDIA	Bhogil, A; Thosar, A; Borde, S	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	2022	0976-9234	http://dx.doi.org/10.47750/pnr.2022.13.S06.332	10.47750/pnr.2022.13.S06.332	33
Some properties of implicit impulsive coupled system via ϕ-Hilfer fractional operator	Almalahi, MA; Panchal, SK	BOUNDARY VALUE PROBLEMS	2021	1687-2770	http://dx.doi.org/10.1186/s13661-021-01543-4	10.1186/s13661-021-01543-4	43

A Deep Learning based Recognition System for Yemeni Sign Language	Dabwan, BA; Jadhav, ME	2021 INTERNATIONAL CONFERENCE OF MODERN TRENDS IN INFORMATION AND COMMUNICATION TECHNOLOGY INDUSTRY (MTICTI 2021)	2021		http://dx.doi.org/10.1109/MTICTI53925.2021.9664779	10.1109/MTICTI53925.2021.9664779	23
Some properties of the weak product of graphs on lattices	Nimbhorkar, SK; Borsarkar, UR	ASIAN-EUROPEAN JOURNAL OF MATHEMATICS	2019	1793-5571	http://dx.doi.org/10.1142/S1793557119500529	10.1142/S1793557119500529	14
Efficient atom-economic one-pot multicomponent synthesis of benzylpyrazolyl coumarins and novel pyrano[2,3-c]pyrazoles catalysed by 2-aminoethanesulfonic acid (taurine) as a bio-organic catalyst	Chate, AV; Shaikh, BA; Bondle, GM; Sangle, SM	SYNTHETIC COMMUNICATIONS	2019	0039-7911	http://dx.doi.org/10.1080/00397911.2019.1619772	10.1080/00397911.2019.1619772	71

The moderating role of supplier relationship on the effect of postponement on supply chain resilience under different levels of environmental uncertainty	Al-Hakimi, MA; Borade, DB; Saleh, MH; Nasr, MAA	PRODUCTION AND MANUFACTURING RESEARCH-AN OPEN ACCESS JOURNAL	2022		http://dx.doi.org/10.1080/21693277.2022.2089264	10.1080/21693277.2022.2089264	149
Apache Spark and Deep Learning Models for High-Performance Network Intrusion Detection Using CSE-CIC-IDS2018	Hagar, AA; Gawali, BW	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	1687-5265	http://dx.doi.org/10.1155/2022/3131153	10.1155/2022/3131153	41
Assessment of groundwater quality in the urban development industrial area of Jalna district	Ismail, H; Abed, S	INTERNATIONAL JOURNAL OF KNOWLEDGE-BASED DEVELOPMENT	2022	2040-4468	http://dx.doi.org/10.1504/IJKBD.2022.128905	10.1504/IJKBD.2022.128905	35
Classification of PH2 Images for Early Detection of Skin Diseases	Senan, EM; Jadhav, ME; Kadam, A	2021 6TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2021		http://dx.doi.org/10.1109/I2CT51068.2021.9417893	10.1109/I2CT51068.2021.9417893	13

Graphene oxide-based electrochemical activation of ethionamide towards enhanced biological activity	Mulik, BB; Dhumal, ST; Sapner, VS; Rehman, NNMA; Dixit, PP; Sathe, BR	RSC ADVANCES	2019		http://dx.doi.org/10.1039/c9ra06681k	10.1039/c9ra06681k	49
Robust human tracking using harmonious polling tracker	Wagh, K; Kanade, SS	SN APPLIED SCIENCES	2019	2523-3963	http://dx.doi.org/10.1007/s42452-019-1219-4	10.1007/s42452-019-1219-4	44
A New Short Validated U-HPLC Method for the Determination of Recombinant Human Insulin in Microspheres	Wakte, P; Agrawal, G; Shelke, S	CURRENT PHARMACEUTICAL ANALYSIS	2018	1573-4129	http://dx.doi.org/10.2174/1573412913666170704150803	10.2174/1573412913666170704150803	19
A Rational Approach to Anticancer Drug Design: 2D and 3D-QSAR, Molecular Docking and Prediction of ADME Properties using Silico Studies of Thymidine Phosphorylase Inhibitors	Raut, VV; Bhandari, SV; Patil, SM; Sarkate, AP	LETTERS IN DRUG DESIGN & DISCOVERY	2023	1570-1808	http://dx.doi.org/10.2174/1570180819666220215115633	10.2174/1570180819666220215115633	23

Nonlinear fractional differential equations with advanced arguments	Rizqan, BH; Dhaigude, D	INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS	2021	2008-6822	http://dx.doi.org/10.22075/ijnaa.2020.13473.1697	10.22075/ijnaa.2020.13473.1697	17
Smart City Project Management System Using Cloud	Wahul, RM; Lomte, SS	COMPUTING, COMMUNICATION AND SIGNAL PROCESSING, ICCASP 2018	2019	2194-5357	http://dx.doi.org/10.1007/978-981-13-1513-8_24	10.1007/978-981-13-1513-8_24	4
FUZZY SEMI-ESSENTIAL SUBMODULES AND FUZZY SEMI-CLOSED SUBMODULES	Nimbhorkar, SK; Khubchandani, JA	TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS	2023	2146-1147			14
Consequences of climate change in allopatric speciation and endemism: modeling the biogeography of Dravidogecko	Shameer, TT; Nittu, G; Mohan, G; Backer, SJ; Khedkar, GD; Sanil, R	MODELING EARTH SYSTEMS AND ENVIRONMENT	2022	2363-6203	http://dx.doi.org/10.1007/s40808-021-01284-4	10.1007/s40808-021-01284-4	145
Marathi SentiWordNet: A lexical resource for sentiment analysis of Marathi	Shelke, MB; Sawant, DD; Kadam, CB; Ambhure, K; Deshmukh, SN	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2023	1532-0626	http://dx.doi.org/10.1002/cpe.7497	10.1002/cpe.7497	28

A facile synthesis of quinoxalines by using SO42-/ZrO2-TiO2 as an efficient and recyclable heterogeneous catalyst	Shelke, SV; Dhumal, ST; Karale, AY; Deshmukh, TR; Patil, MK	SYNTHETIC COMMUNICATIONS	2022	0039-7911	http://dx.doi.org/10.1080/00397911.2022.2039711	10.1080/00397911.2022.2039711	41
Synthesis of Quinazolinone Derivatives Catalyzed by Triethanolamine/NaCl in Aqueous Media	Khandebharad, AU; Sarda, SR; Gill, CH; Agrawal, BR	POLYCYCLIC AROMATIC COMPOUNDS	2020	1040-6638	http://dx.doi.org/10.1080/10406638.2018.1441884	10.1080/10406638.2018.1441884	39
A Review: Exploring Synthetic Schemes and Structure-activity Relationship (SAR) Studies of Mono-carbonyl Curcumin Analogues for Cytotoxicity Inhibitory Anticancer Activity	Bhandari, SV; Kuthe, P; Patil, SM; Nagras, O; Sarkate, AP	CURRENT ORGANIC SYNTHESIS	2023	1570-1794	http://dx.doi.org/10.2174/1570179420666230126142238	10.2174/1570179420666230126142238	74
Generalised Henstock-Kurzweil Integral with Multiple Point	Thange, TG; Gangane, SS	BAGHDAD SCIENCE JOURNAL	2023	2078-8665	http://dx.doi.org/10.21123/bsj.2023.8421	10.21123/bsj.2023.8421	9
FUZZY ESSENTIAL SUBMODULES WITH RESPECT TO AN ARBITRARY FUZZY SUBMODULE	Nimbhorkar, S; Khubchandani, J	TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS	2022	2146-1147			11

'DEL' RELATION AND PARALLELISM IN FUZZY LATTICES	WASADIKAR, M; KHUBCHANDANI, P	TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS	2022	2146-1147			12
Design, Synthesis, and Biological Evaluation of Newer Arylidene Incorporated 4-Thiazolidinones Derivatives as Potential Antimicrobial Agents	Kulkarni, PS; Karale, SN; Khandebharad, AU; Agrawal, BR; Sarda, SR	POLYCYCLIC AROMATIC COMPOUNDS	2022	1040-6638	http://dx.doi.org/10.1080/10406638.2020.1823861	10.1080/10406638.2020.1823861	41
Photocatalytic efficiency of sol-gel synthesized Mn-doped TiO2 nanoparticles for degradation of brilliant green dye and mixture of dyes	Bhosale, MG; Sutar, RS; Deshmukh, SB; Patil, MK	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	2022	0009-4536	http://dx.doi.org/10.1002/jccs.202200248	10.1002/jccs.202200248	47
Nano-Fe3O4 as a heterogeneous recyclable magnetically separable catalyst for synthesis of nitrogen fused imidazoheterocycles via double C-N bond formation	Khairnar, BJ; Mane, DV; Shingare, MS; Chaudhari, BR	IRANIAN JOURNAL OF CATALYSIS	2018	2252-0236			48

Automated diagnosis of diabetic retinopathy enabled by optimized thresholding-based blood vessel segmentation and hybrid classifier	Narhari, BB; Murlidhar, BK; Sayyad, AD; Sable, GS	BIO-ALGORITHMS AND MED-SYSTEMS	2021	1895-9091	http://dx.doi.org/10.1515/bams-2020-0053	10.1515/bams-2020-0053	37
Automated diabetic retinopathy detection using radial basis function	Kamble, VV; Kokate, RD	INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND DATA SCIENCE	2020	1877-0509	http://dx.doi.org/10.1016/j.procs.2020.03.429	10.1016/j.procs.2020.03.429	16
A review on existing and emerging approaches for textile wastewater treatments: challenges and future perspectives	Kallawar, GA; Bhanvase, BA	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2023	0944-1344	http://dx.doi.org/10.1007/s11356-023-31175-3	10.1007/s11356-023-31175-3	333
EXPERIMENTAL INVESTIGATION FOR EVALUATING THE PERFORMANCE OF PARABOLOIDAL REFLECTOR DISH CONCENTRATOR	Wadate, P; Dharmadhikari, H	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	2023	1582-9596			27

One-Pot Synthesis of 1,8-Dioxodecahydroacridines Catalyzed by Carbon-Doped MoO3	Navgire, ME; Bhitre, SR; Yelwande, AA; Lande, MK	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2022	1070-4280	http://dx.doi.org/10.1134/S1070428022030198	10.1134/S1070428022030198	89
Phytochemical analysis of Acanthophora najadiformis using High-Resolution Liquid Chromatography Mass Spectrometry (HR-LCMS) and FTIR	Salunke, M; Wakure, B; Wakte, P	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	2022	0976-9234	http://dx.doi.org/10.47750/pnr.2022.13.S06.287	10.47750/pnr.2022.13.S06.287	11
Real-time Driver Drowsiness Detection based on Eye Movement and Yawning using Facial Landmark	Al-madani, AM; Gaikwad, AT; Mahale, V; Ahmed, ZAT; Shareef, AAA	2021 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI)	2021	2329-7190	http://dx.doi.org/10.1109/ICCCI50826.2021.9457005	10.1109/ICCCI50826.2021.9457005	18
Novel approach in the synthesis of imidazo [1, 2-a] pyridine from phenyl acrylic acids	Mutkule, N; Bugad, N; Mokale, S; Choudhari, V; Ubale, M	JOURNAL OF HETEROCYCLIC CHEMISTRY	2020	0022-152X	http://dx.doi.org/10.1002/jhet.4026	10.1002/jhet.4026	50

IoT Data Security Via Blockchain Technology and Service-Centric Networking	Al-madani, AM; Gaikwad, AT	PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT-2020)	2020		http://dx.doi.org/10.1109/icict48043.2020.9112521	10.1109/icict48043.2020.9112521	20
Catalytic Application of Electrochemically Prepared Nickel Oxide Nanoparticles to Synthesize 2, 5-Disubstituted-1 4-Oxadiazoles	Sawant, MR; Gaikwad, ST; Dare, SB; Rajbhoj, AS	ORIENTAL JOURNAL OF CHEMISTRY	2020	0970-020X	http://dx.doi.org/10.13005/ojc/360213	10.13005/ojc/360213	37
A Simple and Green Protocol for the Synthesis of 3,4-dihydropyrimidin-2(1H)-ones Using 11-Molybdo-1-vanado phosphoric Acid as a Catalyst Under Ultrasound Irradiation	Chavan, LD; Deshmukh, SN; Shankarwar, SG	ORBITAL-THE ELECTRONIC JOURNAL OF CHEMISTRY	2019	1984-6428	http://dx.doi.org/10.17807/orbital.v11i5.1423	10.17807/orbital.v11i5.1423	28
Electrochemical Studies of Anti-HIV Drug Emtricitabine: Oxidative Determination and Improved Antimicrobial Activity	Mulik, BB; Dhumal, ST; Harale, RR; Kharat, KR; Sathe, BR	CHEMELECTROCHEM	2018	2196-0216	http://dx.doi.org/10.1002/celc.201801228	10.1002/celc.201801228	33

Super twisting observer based full order sliding mode control	Borkar, A; Patil, PM	INTERNATIONAL JOURNAL OF DYNAMICS AND CONTROL	2021	2195-268X	http://dx.doi.org/10.1007/s40435-021-00757-9	10.1007/s40435-021-00757-9	26
PERIODIC BOUNDARY VALUE PROBLEMS FOR FRACTIONAL IMPLICIT DIFFERENTIAL EQUATIONS INVOLVING HILFER FRACTIONAL DERIVATIVE	Almalahi, MA; Abdo, MS; Panchal, SK	PROBLEMY ANALIZA-ISSUES OF ANALYSIS	2020	2306-3424	http://dx.doi.org/10.15393/j3.art.2020.7410	10.15393/j3.art.2020.7410	37
Evidence for a species complex in Indialona ganapati (Chydoridae)	Abhyankar, S; Khobragade, K; Khanwelkar, G; Tiknaik, A; Khedkar, G	MITOCHONDRIAL DNA PART A	2019	2470-1394	http://dx.doi.org/10.1080/24701394.2018.1546299	10.1080/24701394.2018.1546299	58
Nanocrystalline solid dispersions: an emerging approach for oral bioavailability enhancement of anticancer drugs using lapatinib ditosylate as the case drug	Mane, P; Wakure, B; Wakte, P	JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY	2023	0193-2691	http://dx.doi.org/10.1080/01932691.2023.2284883	10.1080/01932691.2023.2284883	39

Does absorptive capacity moderate the relationship between entrepreneurial orientation and supply chain resilience?	Goaill, MM; Al-Hakimi, MA	COGENT BUSINESS & MANAGEMENT	2021	2331-1975	http://dx.doi.org/10.1080/23311975.2021.1962487	10.1080/23311975.2021.1962487	103
Response to the critique of Sameer Padhye and Neelesh Dahanukar (2019)	Abhyankar, S; Khobragade, K; Khanwelkar, G; Tiknaik, A; Khedkar, G	MITOCHONDRIAL DNA PART A	2020	2470-1394	http://dx.doi.org/10.1080/24701394.2019.1703964	10.1080/24701394.2019.1703964	1
Developing an Improvised E-Menu Recommendation System for Customer	Pawar, R; Ghumbre, S; Deshmukh, R	RECENT FINDINGS IN INTELLIGENT COMPUTING TECHNIQUES, VOL 2	2018	2194-5357	http://dx.doi.org/10.1007/978-981-10-8636-6_35	10.1007/978-981-10-8636-6_35	7
Entrepreneurial orientation and supply chain resilience of manufacturing SMEs in Yemen: the mediating effects of absorptive capacity and innovation	Al-Hakimi, MA; Saleh, MH; Borade, DB	HELIYON	2021		http://dx.doi.org/10.1016/j.heliyon.2021.e08145	10.1016/j.heliyon.2021.e08145	137

Exploring the Mineralogy at Lonar Crater with Hyperspectral Remote Sensing	Gore, R; Mishra, A; Deshmukh, R	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	2021	0016-7622	http://dx.doi.org/10.1007/s12594-021-1676-4	10.1007/s12594-021-1676-4	13
An Efficient Quality Inspection of Food Products Using Neural Network Classification	Ali, SSE; Dildar, SA	JOURNAL OF INTELLIGENT SYSTEMS	2020	0334-1860	http://dx.doi.org/10.1515/jisys-2018-0077	10.1515/jisys-2018-0077	16
Synthesis, antimicrobial activity, and molecular docking study of formylnaphthalenyloxy methyl-triazolyl-N-phenylacetamides	Muluk, MB; Dhumal, ST; Phatak, PS; Rehman, NNMA; Dixit, PP; Choudhari, PB; Mane, RA; Haval, KP	JOURNAL OF HETEROCYCLIC CHEMISTRY	2019	0022-152X	http://dx.doi.org/10.1002/jhet.3628	10.1002/jhet.3628	58
SCENEDESMACEAE MEMBERS AT NATHSAGAR PAITHAN - MAHARASHTRA	Jadhavar, PB; Papdiwal, PB	INDO AMERICAN JOURNAL OF PHARMACEUTICAL SCIENCES	2018	2349-7750			11
YOLOv4-Based Monitoring Model for COVID-19 Social Distancing Control	Shareef, AAA; Yannawar, PL; Abdul-Qawy, ASH; Ahmed, ZAT	SMART SYSTEMS: INNOVATIONS IN COMPUTING (SSIC 2021)	2022	2190-3018	http://dx.doi.org/10.1007/978-981-16-2877-1_31	10.1007/978-981-16-2877-1_31	41

Envirocat EPZG Mediated Synthesis of 3,4-Dihydropyrano[c]chromene Derivatives Under Microwave Irradiation in Solvent-free Conditions	Deshmukh, SN; Chavan, LD; Shingare, MS	ORBITAL-THE ELECTRONIC JOURNAL OF CHEMISTRY	2021	1984-6428	http://dx.doi.org/10.17807/orbital.v13i1.1517	10.17807/orbital.v13i1.1517	37
The effect of bis-carboxylic groups of squarylium dyes on the efficiency of dye-sensitized solar cells	Al-horaibi, SA; Garoon, EM; Bhise, NA; Gaikwad, ST; Rajbhoj, AS	CHEMICAL PAPERS	2020	2585-7290	http://dx.doi.org/10.1007/s11696-019-00978-5	10.1007/s11696-019-00978-5	42
γ-Valerolactone: Promising bio-compatible media for the synthesis of 2-arylbenzothiazole derivatives	Diwan, F; Shaikh, MH; Shaikh, M; Farooqui, M	ORGANIC COMMUNICATIONS	2019	1307-6175	http://dx.doi.org/10.25135/acg.oc.54.19.02.1212	10.25135/acg.oc.54.19.02.1212	54
Strategic Use of Control Plan as a Process Audit Tool in Automotive Industry: A Case Study	Jumbad, V; Chel, A	PROCEEDINGS OF THE 1ST INTERNATIONAL CONFERENCE ON MECHANICAL AND MATERIALS SCIENCE ENGINEERING: INNOVATION AND RESEARCH-2018 (ICMMSE:IR 2018)	2018	0094-243X	http://dx.doi.org/10.1063/1.5058243	10.1063/1.5058243	9

Incorporation of exemestane into ternary nanosponge system for enhanced anti-tumor potential in breast cancer	Mane, PT; Wakure, BS; Wakte, PS	PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY	2023	1083-7450	http://dx.doi.org/10.1080/10837450.2023.2282649	10.1080/10837450.2023.2282649	34
Efficiency of 2-dodecylaminopyridine for the liquid-liquid extraction of gold(III) from succinic acid medium	Shep, U; Pawar, R; Arbad, B	JOURNAL OF METALS MATERIALS AND MINERALS	2021	0857-6149	http://dx.doi.org/10.14456/jmmm.2021.46	10.14456/jmmm.2021.46	42
A Review of Early Detection of Autism Based on Eye-Tracking and Sensing Technology	Ahmed, ZAT; Jadhav, ME	PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT-2020)	2020		http://dx.doi.org/10.1109/icict48043.2020.9112493	10.1109/icict48043.2020.9112493	53
The relationship between the risks of adopting FinTech in banks and their impact on the performance	Al-Shari, HA; Lokhande, MA	COGENT BUSINESS & MANAGEMENT	2023	2331-1975	http://dx.doi.org/10.1080/23311975.2023.2174242	10.1080/23311975.2023.2174242	75

Enhancement in the therapeutic potential of lapatinib ditosylate against breast cancer by the use of β-cyclodextrin based ternary nanosponge system	Mane, PT; Wakure, BS; Wakte, PS	INTERNATIONAL JOURNAL OF PHARMACEUTICS	2023	0378-5173	http://dx.doi.org/10.1016/j.ijpharm.2023.123210	10.1016/j.ijpharm.2023.123210	35
Enhanced Electrochemical Ethanol Sensitivity on Ni/NiO-rGO Hybrids Nanostructures at Room Temperature	Mali, SM; Narwade, SS; Mulik, BB; Digraskar, RV; Harale, RR; Sathe, BR	CHEMISTRYSELECT	2023	2365-6549	http://dx.doi.org/10.1002/slct.202204328	10.1002/slct.202204328	51
Formation of Calcium Oxalate Patinas as Protective Layer on Basaltic Stone Surfaces of 17th Century Raigad Hill Fort, India	Singh, MR; Yadav, R	HERITAGE	2023	2571-9408	http://dx.doi.org/10.3390/heritage6070283	10.3390/heritage6070283	55
Gruss-type fractional inequality via Caputo-Fabrizio integral operator	Nale, AB; Panchal, SK; Chinchane, VL	ACTA UNIVERSITATIS SAPIENTIAE-MATHEMATICA	2022	1844-6094	http://dx.doi.org/10.2478/ausm-2022-0018	10.2478/ausm-2022-0018	39

Synthesis, antimicrobial screening, and docking study of new 2-(2-ethylpyridin-4-yl)-4-methyl-N-phenylthiazole-5-carboxamide derivatives	Kasare, SL; Gund, PN; Sathe, BP; Patil, PS; Rehman, NNMA; Dixit, PP; Choudhari, PB; Haval, KP	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	2021	0009-4536	http://dx.doi.org/10.1002/jccs.202000174	10.1002/jccs.202000174	45
Exploring the impressive nonlinear optical and dielectric properties of cadmium thiourea acetate crystal doped with oxalic acid	Kulkarni, RB; Hussaini, SS; Shirsat, MD	MATERIALS TODAY-PROCEEDINGS	2020	2214-7853			49
Straightforward multicomponent synthesis of pyrano[2,3-d]pyrimidine-2,4,7-triones in -cyclodextrin cavity and evaluation of their anticancer activity	Bhosle, MR; Andil, P; Wahul, D; Bondle, GM; Sarkate, A; Tiwari, SV	JOURNAL OF THE IRANIAN CHEMICAL SOCIETY	2019	1735-207X	http://dx.doi.org/10.1007/s13738-019-01633-2	10.1007/s13738-019-01633-2	51

Performance Evaluation of Image Segmentation Process for Recognition of Leukemia	Rege, MV; Gawali, BW; Gaikwad, S	INFORMATION AND COMMUNICATION TECHNOLOGY FOR INTELLIGENT SYSTEMS, ICTIS 2018, VOL 2	2019	2190-3018	http://dx.doi.org/10.1007/978-981-13-1747-7_48	10.1007/978-981-13-1747-7_48	14
Automatic Identification and Classification of Microaneurysms, Exudates and Blood Vessel for Early Diabetic Retinopathy Recognition	Kamble, VV; Kokate, RD	COMPUTATIONAL INTELLIGENCE IN DATA MINING	2019	2194-5357	http://dx.doi.org/10.1007/978-981-10-8055-5_38	10.1007/978-981-10-8055-5_38	17
Analysis of constraints and their impact on adopting digital FinTech techniques in banks	Alshari, HA; Lokhande, MA	ELECTRONIC COMMERCE RESEARCH	2023	1389-5753	http://dx.doi.org/10.1007/s10660-023-09782-6	10.1007/s10660-023-09782-6	99
Non-linear state feedback control for uncertain systems using a finite time disturbance observer	Borkar, A; Patil, PM	INTERNATIONAL JOURNAL OF DYNAMICS AND CONTROL	2022	2195-268X	http://dx.doi.org/10.1007/s40435-021-00817-0	10.1007/s40435-021-00817-0	26

Machine Learning Based Predictive Mechanism for Internet Bandwidth	Pokharkar, SR; Wagh, SJ; Deshmukh, SN	2021 6TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2021		http://dx.doi.org/10.1109/I2CT51068.2021.9418164	10.1109/I2CT51068.2021.9418164	13
L-ascorbate Effect on Arsenic Induced Histopathological Changes in the Hepatopancreas of the Freshwater Bivalve, Lamellidens marginalis (Lamarck)	Mahajan, SS; Zambare, SP	BIOSCIENCE BIOTECHNOLOGY RESEARCH COMMUNICATIONS	2019	0974-6455			13
Palmprint Identification and Verification System Based on Euclidean Distance and 2D Locality Preserving Projection Method	Ali, MMH; Gaikwad, AT; Yannawar, PL	RECENT FINDINGS IN INTELLIGENT COMPUTING TECHNIQUES, VOL 1	2019	2194-5357	http://dx.doi.org/10.1007/978-981-10-8639-7_21	10.1007/978-981-10-8639-7_21	17
Deen CNN-based feature extraction with optimised LSTM for enhanced diabetic retinopathy detection	Bansode, BN; Bakwad, KM; Dildar, AS; Sable, GS	COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING-IMAGING AND VISUALIZATION	2023	2168-1163	http://dx.doi.org/10.1080/21681163.2022.2124545	10.1080/21681163.2022.2124545	38

Modified Elliptic Curve Cryptography Model for Personal Health Record Sharing in Cloud with Trust Valuation	Sukte, C; Emmanuel, M; Deshmukh, RR	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	2022	1738-7906	http://dx.doi.org/10.22937/IJCSNS.2022.22.1.78	10.22937/IJCSNS.2022.22.1.78	31
Tungsten-substituted molybdophosphoric acid impregnated with kaolin: effective catalysts for the synthesis of 3,4-dihydropyrimidin-2(1H)-ones via biginelli reaction	Aher, DS; Khillare, KR; Chavan, LD; Shankarwar, SG	RSC ADVANCES	2021		http://dx.doi.org/10.1039/d0ra09811f	10.1039/d0ra09811f	59
Total Synthesis of Clausenain, a Cyclic Octapeptide and its Analog for Anticancer Activity	Shinde, N; Dhake, AS; Haval, KP; Bhosale, SK	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2020	0019-5464	http://dx.doi.org/10.5530/ijper.54.2s.90	10.5530/ijper.54.2s.90	20
Synthesis, Anticancer and Antimicrobial Evaluation of New (E)-N'-Benzylidene-2-(2-ethylpyridin-4-yl)-4-methylthiazole-5-carbohydrazides	Muluk, MB; Dhumal, ST; Rehman, NNMA; Dixit, PP; Kharat, KR; Haval, KP	CHEMISTRYSELECT	2019	2365-6549	http://dx.doi.org/10.1002/slct.201902030	10.1002/slct.201902030	48
Comparative Analysis of Various Face Detection Methods	Ganakwar, DG; Kadam, VK	2019 IEEE PUNE SECTION INTERNATIONAL CONFERENCE (PUNECON)	2019		http://dx.doi.org/10.1109/punecon46936.2019.9105893	10.1109/punecon46936.2019.9105893	17

Insulin Oral Delivery: A Review on Challenges and Potential Approaches	Agrawal, G; Shelke, S; Wakte, P	RESEARCH JOURNAL OF PHARMACEUTICAL BIOLOGICAL AND CHEMICAL SCIENCES	2018	0975-8585			106
Analysis of Machine Learning Techniques for Sentinel-2A Satellite Images	Alshari, EA; Gawali, BW	JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING	2022	2090-0147	http://dx.doi.org/10.1155/2022/9092299	10.1155/2022/9092299	46
An efficient multi class Alzheimer detection using hybrid equilibrium optimizer with capsule auto encoder	Ansingkar, NP; Patil, RB; Deshmukh, PD	MULTIMEDIA TOOLS AND APPLICATIONS	2022	1380-7501	http://dx.doi.org/10.1007/s11042-021-11786-z	10.1007/s11042-021-11786-z	32
Formulation, Optimization and Evaluation of Nanoparticulate Oral Fast Dissolving Film Dosage Form of Nitrendipine	Gandhi, NV; Deokate, UA; Angadi, SS	AAPS PHARMSCITECH	2021	1530-9932	http://dx.doi.org/10.1208/s12249-021-02100-z	10.1208/s12249-021-02100-z	49
WEIGHTED FRACTIONAL INEQUALITIES USING MARICHEV-SAIGO-MAEDA FRACTIONAL INTEGRAL OPERATOR	Nale, AB; Panchal, SK; Chinchane, VL	JOURNAL OF THE KOREAN SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS	2021	1226-9433	http://dx.doi.org/10.12941/jksiam.2021.25.039	10.12941/jksiam.2021.25.039	24

Minkowski-Type Inequalities Using Generalized Proportional Hadamard Fractional Integral Operators	Nale, AB; Panchal, SK; Chinchane, VL	FILOMAT	2021	0354-5180	http://dx.doi.org/10.2298/FIL2109973N	10.2298/FIL2109973N	42
HR-LCMS assisted phytochemical screening and an assessment of anticancer activity of Sargassum Squarrossum and Dictyota Dichotoma using in vitro and molecular docking approaches	Salunke, M; Wakure, B; Wakte, P	JOURNAL OF MOLECULAR STRUCTURE	2022	0022-2860	http://dx.doi.org/10.1016/j.molstruc.2022.133833	10.1016/j.molstruc.2022.133833	46
Integrity in linear and nonlinear optical properties of L-tyrosine doped bis thiourea cadmium acetate single crystal	Aneesa-Fatema, S; Rasal, YB; Shaikh, RN; Shirsat, MD; Hussaini, SS; Kulkarni, RB	FERROELECTRICS	2021	0015-0193	http://dx.doi.org/10.1080/00150193.2021.1890463	10.1080/00150193.2021.1890463	30
Cyclodextrin Based Nanosponges: A Multidimensional Drug Delivery System and its Biomedical Applications	Mane, PT; Wakure, BS; Wakte, PS	CURRENT DRUG DELIVERY	2021	1567-2018	http://dx.doi.org/10.2174/1567201818666210423091250	10.2174/1567201818666210423091250	126

Design and Development of Leukemia Identification System Through Neural Network and SVM Approach for Microscopic Smear Image Database	Rege, MV; Gawali, BW; Gaikwad, S	ADVANCED INFORMATICS FOR COMPUTING RESEARCH, ICAICR 2018, PT I	2019	1865-0929	http://dx.doi.org/10.1007/978-981-13-3140-4_62	10.1007/978-981-13-3140-4_62	10
Binary and ternary inclusion complexation of lapatinib ditosylate with β-cyclodextrin: preparation, evaluation and in vitro anticancer activity	Mane, PT; Wakure, BS; Wakte, PS	BENI-SUEF UNIVERSITY JOURNAL OF BASIC AND APPLIED SCIENCES	2022		http://dx.doi.org/10.1186/s43088-022-00332-x	10.1186/s43088-022-00332-x	24
A facile synthesis of sulfonate esters from phenols using catalytic KF/NFSI and K2CO3	Dond, BD; Pansare, DN; Sarkate, AP; Thore, SN	CHEMICAL PAPERS	2023	0366-6352	http://dx.doi.org/10.1007/s11196-022-02585-3	10.1007/s11196-022-02585-3	40
FUZZY MODULARITY AND FUZZY COMPLEMENTS IN FUZZY LATTICES	Wasadikar, M; Khubchandani, P	TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS	2022	2146-1147			9

Quaternary Vanado-Molybdotungstophosphoric Acid [H5PW6Mo4V2O40] Over Natural Montmorillonite as a Heterogeneous Catalyst for the Synthesis 4H-Pyran and Polyhydroquinoline Derivatives	Aher, DS; Khillare, KR; Chavan, LD; Shankarwar, SG	CHEMISTRYSELECT	2020	2365-6549	http://dx.doi.org/10.1002/slct.202001065	10.1002/slct.202001065	79
Enhancing of Data Retrieval by Means of Database Query Analyzer (DBQA)	Misal, SB; Gaikwad, AT	INFORMATION AND COMMUNICATION TECHNOLOGY FOR INTELLIGENT SYSTEMS, ICTIS 2018, VOL 2	2019	2190-3018	http://dx.doi.org/10.1007/978-981-13-1747-7_10	10.1007/978-981-13-1747-7_10	19
Stability Indicating Validated HPLC Method for Simultaneous Quantification of Nitazoxanide and Ofloxacin in Pharmaceutical Dosage Form	Rakibe, U; Ahirrao, V; Yeole, R; Wakte, P	LATIN AMERICAN JOURNAL OF PHARMACY	2018	0326-2383			24

Statistical Analysis of the Influence of Various Temperatures on the Drying Time of Transformer Insulation in Vacuum Drying Process	Siddiqui, MT; Pattiwar, JT; Paranjape, AP	2018 4TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2018				7
Short text topic modelling using local and global word-context semantic correlation	Kinariwala, S; Deshmukh, S	MULTIMEDIA TOOLS AND APPLICATIONS	2023	1380-7501	http://dx.doi.org/10.1007/s11042-023-14352-x	10.1007/s11042-023-14352-x	39
An innovative way for solving transportation problem using modular arithmetic	Munot, DA; Ghadle, KP	JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES	2023	0252-2667	http://dx.doi.org/10.47974/JIOS-1273	10.47974/JIOS-1273	10
High-resolution liquid chromatography mass spectrometry (HR-LCMS) and 1H NMR analysis of methanol extracts from marine seaweed Gracilaria edulis	Salunke, M; Wakure, B; Wakte, P	NATURAL PRODUCT RESEARCH	2024	1478-6419	http://dx.doi.org/10.1080/14786419.2022.2146906	10.1080/14786419.2022.2146906	5

High-resolution liquid chromatography and mass spectrometry (HR-LCMS) assisted phytochemical profiling and an assessment of anticancer activities of Gracilaria foliifera and Turbinaria conoides using in vitro and molecular docking analysis	Salunke, MA; Wakure, BS; Wakte, PS	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2023	0739-1102	http://dx.doi.org/10.1080/07391102.2022.2108495	10.1080/07391102.2022.2108495	40
Convenient Microwave-Assisted Chlorosulfonic Acid-Catalyzed Synthesis of Some Quinazolinones from 2-Phenylindole	Sarkate, AP; Sarode, PP; Bhandari, SV; Karnik, KS; Narula, IS; Kale, BD; Jambhorkar, VS; Rajhans, AP	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2022	1070-4280	http://dx.doi.org/10.1134/S1070428022030023X	10.1134/S1070428022030023X	20
The mediating role of innovation between entrepreneurial orientation and supply chain resilience	Al-Hakimi, MA; Borade, DB; Saleh, MH	ASIA-PACIFIC JOURNAL OF BUSINESS ADMINISTRATION	2022	1757-4323	http://dx.doi.org/10.1108/APJBA-10-2020-0376	10.1108/APJBA-10-2020-0376	137

Improving the classification of invasive plant species by using continuous wavelet analysis and feature reduction techniques	Omeer, AA; Deshmukh, RR	ECOLOGICAL INFORMATICS	2021	1574-9541	http://dx.doi.org/10.1016/j.ecoinf.2020.101181	10.1016/j.ecoinf.2020.101181	89
ELECTROCHEMICAL SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL SCREENING OF NICKEL OXIDE NANOCLUSTERS	Sawant, MR; Gaikwad, ST; Rajbhoj, AS	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2021	0975-8232	http://dx.doi.org/10.13040/IJPSR.0975-8232.12(1).487-90	10.13040/IJPSR.0975-8232.12(1).487-90	10
Evaluation of dimensional effect on electromagnetic energy harvesting	Gaikwad, AA; Kulkarni, SB	8TH INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING & COMMUNICATIONS (ICACC-2018)	2018	1877-0509	http://dx.doi.org/10.1016/j.procs.2018.10.351	10.1016/j.procs.2018.10.351	20
ENDOTHERMIC SOLVENT EXTRACTION OF COPPER (II) WITH FURFURYL THIOALCOHOL FROM SULFATE MEDIUM	Shep, U; Kondre, J; Shep, P; Arbad, B; Kalalawe, V	METALLURGICAL & MATERIALS ENGINEERING	2022	2217-8961	http://dx.doi.org/10.30544/758	10.30544/758	45

Cesium salt of 2-molybdo-10-tungstophosphoric acid as an efficient and reusable catalyst for the synthesis of uracil derivatives via a green route	Khillare, KR; Aher, DS; Chavan, LD; Shankarwar, SG	RSC ADVANCES	2021		http://dx.doi.org/10.1039/d1ra05190c	10.1039/d1ra05190c	56
Rapid Multicomponent Tandem Annulation in Ionic Liquids: Convergent Access to 3-Amino-1-Alkylpyridin-2(1H)-One Derivatives as Potential Anticancer Scaffolds	Jadhav, CK; Nipate, AS; Chate, AV; Kulkarni, MV; Dofe, VS; Gill, CH	POLYCYCLIC AROMATIC COMPOUNDS	2022	1040-6638	http://dx.doi.org/10.1080/10406638.2021.1994427	10.1080/10406638.2021.1994427	65
A Fractional Order Differential Equation Model for Tuberculosis	Solanke, GS; Pachpatte, DB	EMERGING TRENDS IN MATHEMATICAL SCIENCES AND ITS APPLICATIONS	2019	0094-243X	http://dx.doi.org/10.1063/1.5086629	10.1063/1.5086629	9
EXISTENCE AND STABILITY OF NONLOCAL INITIAL VALUE PROBLEMS INVOLVING GENERALIZED KATUGAMPOLA DERIVATIVE	BAGWAN, AS; PACHPATTE, DB	KRAGUJEVAC JOURNAL OF MATHEMATICS	2022	1450-9628	http://dx.doi.org/10.46793/KgJMat2203.443B	10.46793/KgJMat2203.443B	34

H3PMo7W5O40•24H2O catalyzed access to fused pyrazolopyranopyrimidine derivatives via one-pot multicomponent synthesis: green chemistry	Aher, DS; Khillare, KR; Chavan, LD; Shankarwar, SG	MONATSHEFTE FUR CHEMIE	2022	0026-9247	http://dx.doi.org/10.1007/s00706-021-02868-7	10.1007/s00706-021-02868-7	48
Synthesis and In Vitro Anticancer Activities of New 1,4-Disubstituted-1,2,3-triazoles Derivatives through Click Approach	Nipate, AS; Jadhav, CK; Chate, AV; Deshmukh, TR; Sarkate, AP; Gill, CH	CHEMISTRYSELECT	2021	2365-6549	http://dx.doi.org/10.1002/slct.202101035	10.1002/slct.202101035	47
An Efficient Synthesis of Substituted Imidazoles Catalyzed by 3-N-Morpholinopropanesulfonic Acid (MOPS) under Ultrasound Irradiation	Khandebharad, AU; Sarda, SR; Gill, C; Agrawal, BR	ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL	2020	0030-4948	http://dx.doi.org/10.1080/00304948.2020.1804773	10.1080/00304948.2020.1804773	32
Coefficient Estimates for a Subclass of Bi-univalent Functions Defined by Salagean Type q-Calculus Operator	Kamble, PN; Shrigan, MG	KYUNGPOOK MATHEMATICAL JOURNAL	2018	1225-6951	http://dx.doi.org/10.5666/KMJ.2018.58.4.677	10.5666/KMJ.2018.58.4.677	33

Investigation on thiourea crystal grown in presence of ammonium acetate	Rasal, YB; Shirsat, MD; Hussaini, SS	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	2018	0019-5596			36
A variable patch approach with polling mechanism for intelligent human tracking	Wagh, K; Kanade, SS	COMPUTERS & ELECTRICAL ENGINEERING	2021	0045-7906	http://dx.doi.org/10.1016/j.compeleceng.2021.107127	10.1016/j.compeleceng.2021.107127	25
Synthesis of novel 1,2,3-triazoles bearing 2,4 thiazolidinediones conjugates and their biological evaluation	Kulkarni, PS; Karale, SN; Khandebharad, AU; Agrawal, BR; Sarda, SR	JOURNAL OF THE IRANIAN CHEMICAL SOCIETY	2021	1735-207X	http://dx.doi.org/10.1007/s13738-021-02160-9	10.1007/s13738-021-02160-9	65
Chebyshev-Type Inequalities Involving (k,ψ)-Proportional Fractional Integral Operators	Yewale, BR; Pachpatte, DB; Aljaaidi, TA	JOURNAL OF FUNCTION SPACES	2022	2314-8896	http://dx.doi.org/10.1155/2022/3966177	10.1155/2022/3966177	39
Synthesis of Dihydropyrano[2,3-C]pyrazoles Using Mandelic Acid as an Efficient Catalyst	Gujar, JB; Zambare, RN; Shingare, MS	ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL	2022	0030-4948	http://dx.doi.org/10.1080/00304948.2021.2007699	10.1080/00304948.2021.2007699	37
THERAPEUTIC EFFECT OF TAMARINDUS INDICA EXTRACTS ON THE PATHOGENESIS OF ENTAMOEBA HISTOLYTICA IN-VIVO	Mehdi, MAH; Omar, GMN; Farooqui, M; Pradhan, V	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2019	0975-8232	http://dx.doi.org/10.13040/IJPSR.0975-8232.10(7).3250-56	10.13040/IJPSR.0975-8232.10(7).3250-56	25

Synthesis and Biological Evaluation of Some Newly Synthesized Barbiturates and Their Derivatives by Using Task Specific Ionic Liquid [Bmim]OH	Bondle, GM; Atkore, ST	ORBITAL-THE ELECTRONIC JOURNAL OF CHEMISTRY	2019	1984-6428	http://dx.doi.org/10.17807/orbital.v11i3.1175	10.17807/orbital.v11i3.1175	37
Nanostructured Ce/CeO2-rGO: Highly Sensitive and Selective Electrochemical Hydrogen Sulfide (H2S) Sensor	Mali, SM; Narwade, SS; Mulik, BB; Sapner, VS; Annadate, SJ; Sathe, BR	ELECTROCATALYSIS	2023	1868-2529	http://dx.doi.org/10.1007/s12678-023-00839-6	10.1007/s12678-023-00839-6	64
Alpha Power Transformed Extended power Lindley Distribution	Eissa, FY; Sonar, CD	JOURNAL OF STATISTICAL THEORY AND APPLICATIONS	2023		http://dx.doi.org/10.1007/s44199-022-00051-3	10.1007/s44199-022-00051-3	17
Modeling Land Use Change in Sana'a City of Yemen with MOLUSCE	Alshari, EA; Gawali, BW	JOURNAL OF SENSORS	2022	1687-725X	http://dx.doi.org/10.1155/2022/7419031	10.1155/2022/7419031	52
Green synthesis and characterization of Zinc OxideCAL using Cicer arietinum leaves for NO2 gas detection	Jadhav, DB; Kokate, RD	MATERIALS TODAY-PROCEEDINGS	2021	2214-7853	http://dx.doi.org/10.1016/j.matpr.2020.08.601	10.1016/j.matpr.2020.08.601	37

Synthesis, Antimicrobial Evaluation, and Molecular Docking Study of New Thiazole-5-phenylpropenone Derivatives	Patil, PS; Kasare, SL; Badar, AD; Kulkarni, RS; Dixit, PP; Kulkarni, JA; Choudhari, PB; Haval, KP	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	2020	1070-3632	http://dx.doi.org/10.1134/S1070363220080216	10.1134/S1070363220080216	17
Factor analysis and spatial distribution of water quality parameters of Aurangabad District, India.	Kale, A; Bandela, N; Kulkarni, J; Raut, K	GROUNDWATER FOR SUSTAINABLE DEVELOPMENT	2020	2352-801X	http://dx.doi.org/10.1016/j.gsd.2020.100345	10.1016/j.gsd.2020.100345	23
Betaine hydrochloride (BHC) catalyzed synthesis of 4-thiazolidinones derivatives	Khandebharad, AU; Sarda, SR; Gill, CH; Agrawal, BR	IRANIAN JOURNAL OF CATALYSIS	2018	2252-0236			47
A Green Approach to the Synthesis of 5-Arylidene-2,4-thiazolidinediones Using Aqueous SDS Micelle Catalysis	Londhe, BS; Gujar, JB; Nalawade, AM; Nalawade, RA; Mane, RA	ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL	2023	0030-4948	http://dx.doi.org/10.1080/00304948.2023.2299160	10.1080/00304948.2023.2299160	54
Standardisation of different extracts of detoxified Nux-vomica seeds with its comparative study by TLC and HPTLC	Mian, SS; Alam, MI; Khan, NA; Shuaib, M	JOURNAL OF HERBAL MEDICINE	2023	2210-8033	http://dx.doi.org/10.1016/j.hermed.2023.100792	10.1016/j.hermed.2023.100792	21

Application of Artificial Intelligence Model Solar Radiation Prediction for Renewable Energy Systems	Alkahtani, H; Aldhyani, THH; Alsubari, SN	SUSTAINABILITY	2023		http://dx.doi.org/10.3390/su15086973	10.3390/su15086973	48
Formulation and Evaluation of Self Micro-Emulsifying drug delivery System of Carvedilol	Desai, MM; Nikalje, APG	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2023	0250-474X			26
Impact of AIS success on decision-making effectiveness among SMEs in less developed countries	Al-Hattami, HM	INFORMATION TECHNOLOGY FOR DEVELOPMENT	2022	0268-1102	http://dx.doi.org/10.1080/02681102.2022.2073325	10.1080/02681102.2022.2073325	144
Some Powerful Techniques for Solving Nonlinear Volterra-Fredholm Integral Equations	Hamoud, AA; Mohammed, NM; Ghadle, KP	JOURNAL OF APPLIED NONLINEAR DYNAMICS	2021	2164-6457	http://dx.doi.org/10.5890/JAND.2021.09.007	10.5890/JAND.2021.09.007	20
Wavelength selection and classification of hyperspectral non-imagery data to discriminate healthy and unhealthy vegetable leaves	Ghule, AN; Deshmukh, RR	CURRENT SCIENCE	2021	0011-3891	http://dx.doi.org/10.18520/cs/v120/i5/936-941	10.18520/cs/v120/i5/936-941	23

Influential diamagnetic magnesium (Mg2+) ion substitution in nano-spinel zinc ferrite (ZnFe2O4): Thermal, structural, spectral, optical and physisorption analysis	Somvanshi, SB; Khedkar, MV; Kharat, PB; Jadhav, KM	CERAMICS INTERNATIONAL	2020	0272-8842	http://dx.doi.org/10.1016/j.ceramint.2019.12.097	10.1016/j.ceramint.2019.12.097	44
Evaluation of thermoacoustics parameters of CoFe2O4-ethylene glycol nanofluid using ultrasonic velocity technique	Kharat, PB; Chavan, AR; Humbe, AV; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2019	0957-4522	http://dx.doi.org/10.1007/s10854-018-0386-1	10.1007/s10854-018-0386-1	50
Investigations of Structural, Magnetic and Induction Heating Properties of Surface Functionalized Zinc Ferrite Nanoparticles for Hyperthermia Applications	Somvanshi, SB; Kumar, RV; Kounsalye, JS; Saraf, TS; Jadhav, KM	DAE SOLID STATE PHYSICS SYMPOSIUM 2018	2019	0094-243X	http://dx.doi.org/10.1063/1.5113361	10.1063/1.5113361	8
Enhanced electrocatalytic hydrogen generation from water via cobalt-doped Cu2ZnSnS4 nanoparticles	Digraskar, RV; Sapner, VS; Narwade, SS; Mali, SM; Ghule, AV; Sathe, BR	RSC ADVANCES	2018	2046-2069	http://dx.doi.org/10.1039/c8ra01886c	10.1039/c8ra01886c	66

Existence of solution for impulsive fractional differential equations with nonlocal conditions by topological degree theory	Faree, TA; Panchal, SK	RESULTS IN APPLIED MATHEMATICS	2023	2590-0374	http://dx.doi.org/10.1016/j.rinam.2023.100377	10.1016/j.rinam.2023.100377	33
Existence and Uniqueness of the Solution to a Class of Fractional Boundary Value Problems Using Topological Methods	Faree, TA; Panchal, SK	JOURNAL OF SIBERIAN FEDERAL UNIVERSITY-MATHEMATICS & PHYSICS	2022	1997-1397	http://dx.doi.org/10.17516/1997-1397-2022-15-5-615-622	10.17516/1997-1397-2022-15-5-615-622	21
Efficient and verifiable outsourcing computation of large-scale nonlinear programming	Mohammed, NM; AL-Seadi, AN; Lomte, SS; Rokade, PM; Hamoud, AA	JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE-JMCS	2020	2008-949X	http://dx.doi.org/10.22436/jmcs.021.04.06	10.22436/jmcs.021.04.06	23
Enhanced Overall Water-Splitting Performance: Oleylamine-Functionalized GO/Cu2ZnSnS4 Composite as a Nobel Metal-Free and NonPrecious Electrocatalyst	Digraskar, RV; Sapner, VS; Ghule, AV; Sathe, BR	ACS OMEGA	2019	2470-1343	http://dx.doi.org/10.1021/acsomega.9b01680	10.1021/acsomega.9b01680	83

Detecting and Analyzing Suicidal Ideation on Social Media Using Deep Learning and Machine Learning Models	Aldhyani, THH; Alsubari, SN; Alshebami, AS; Alkahtani, H; Ahmed, ZAT	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	2022		http://dx.doi.org/10.3390/ijerph191912635	10.3390/ijerph191912635	47
Investigating the interaction between inter-locus and intra-locus sexual conflict using hemiclonal analysis in Drosophila melanogaster	Arun, MG; Chechi, TS; Meena, R; Bhosle, SD; Srishti; Prasad, NG	BMC ECOLOGY AND EVOLUTION	2022		http://dx.doi.org/10.1186/s12862-022-01992-0	10.1186/s12862-022-01992-0	87
Phytochemical Investigation, TLC-HPLC Fingerprinting and Antioxidant Activity of Cissus repanda Roots	Bhusari, S; Nikam, K; Kuchekar, B; Wakte, P	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2020	0019-5464	http://dx.doi.org/10.5530/ijper.54.4.206	10.5530/ijper.54.4.206	13
Synthesis, Antimicrobial Evaluation, and Docking Studies of Substituted Acetylphenoxymethyl-triazolyl-N-phenylacetamides	Phatak, PS; Sathe, BP; Dhumal, ST; Rehman, NNMA; Dixit, PP; Khedkar, VM; Haval, KP	JOURNAL OF HETEROCYCLIC CHEMISTRY	2019	0022-152X	http://dx.doi.org/10.1002/jhet.3568	10.1002/jhet.3568	55

Anti-inflammatory Exploration of Sulfonamide Containing Diaryl Pyrazoles with Promising COX-2 Selectivity and Enhanced Gastric Safety Profilen	Pavas, LS; Mane, DV; Baheti, KG	JOURNAL OF HETEROCYCLIC CHEMISTRY	2018	0022-152X	http://dx.doi.org/10.1002/jhet.3118	10.1002/jhet.3118	31
BVP for generalized Hilfer integrodifferential equation with positive constant coefficient	Alkord, MN; Shaikh, SL	INTERNATIONAL JOURNAL OF DYNAMICS AND CONTROL	2024	2195-268X	http://dx.doi.org/10.1007/s40435-023-01325-z	10.1007/s40435-023-01325-z	32
Fe3+ doped ZnO nanostructures for improved photocatalytic degradation of malachite green, crystal violet and antibacterial activity	Pawar, AR; Shaikh, KR; Salmote, AD; Undre, PB	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2023	0957-4522	http://dx.doi.org/10.1007/s10854-023-11689-9	10.1007/s10854-023-11689-9	77
Application of Artificial Intelligence for Predicting Real Estate Prices: The Case of Saudi Arabia	Alzain, E; Alshebami, AS; Aldhyani, THH; Alsubari, SN	ELECTRONICS	2022		http://dx.doi.org/10.3390/electronics11213448	10.3390/electronics11213448	48

Response Surface Method Assisted Fabrication and Characterization of Optimized Aceclofenac Loaded Microspheres Inculcated with Multivariate Polymers	Quazi, A; Khanam, N	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2022	0250-474X	http://dx.doi.org/10.36468/pharmaceutical-sciences.906	10.36468/pharmaceutical-sciences.906	18
Fluorinated phosphoric acid as a versatile effective catalyst for synthesis of series of benzimidazoles, benzoxazoles and benzothiazoles at room temperature	Mathapati, SR; Patil, KN; Mathakari, SS; Suryawanshi, AW; Jadhav, AH	PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS	2021	1042-6507	http://dx.doi.org/10.1080/10426507.2020.1871345	10.1080/10426507.2020.1871345	48
A new efficient domino approach for the synthesis of coumarin-pyrazolines as antimicrobial agents targeting bacterial d-alanine-d-alanine ligase	Chate, AV; Redlawar, AA; Bondle, GM; Sarkate, AP; Tiwari, SV; Lokwani, DK	NEW JOURNAL OF CHEMISTRY	2019	1144-0546	http://dx.doi.org/10.1039/c9nj00703b	10.1039/c9nj00703b	51
Postcolonial Conflict of Assimilation and Identity Formation in Andrea Levy's Small Island	Junne, RP; Patil, GM	LITERARY VOICE	2018	2277-4521			12

Photometric Solution of Visual Binary System: HIP57894	Masda, SG; Khan, AR; Pathan, JM	4TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES; MICRO TO NANO, 2019: (ETMN 2019)	2021	0094-243X	http://dx.doi.org/10.1063/5.0043689	10.1063/5.0043689	18
Ulam-Hyers-Mittag-Leffler stability for a ψ-Hilfer problem with fractional order and infinite delay	Abdo, MS; Panchal, SK; Wahash, HA	RESULTS IN APPLIED MATHEMATICS	2020	2590-0374	http://dx.doi.org/10.1016/j.rinam.2020.100115	10.1016/j.rinam.2020.100115	29
Antiinflammatory Activity of Triazine Thiazolidinone Derivatives: Molecular Docking and Pharmacophore Modelling	Shinde, RS; Masand, VH; Patil, MK	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2019	0250-474X	http://dx.doi.org/10.36468/pharmaceutical-sciences.579	10.36468/pharmaceutical-sciences.579	31
One Pot Three Component Synthesis of Substituted 3,4,6,7-Tetrahydro-3,3,6,6-Tetramethyl-9,10-Diphenylacridine-1,8(2H,5H,9H,10H)-Diones Catalyzed by Mesostrucrted In2O3-SiO2	Tayde, DT; Navgire, ME; Lande, MK	POLYCYCLIC AROMATIC COMPOUNDS	2022	1040-6638	http://dx.doi.org/10.1080/10406638.2021.2006249	10.1080/10406638.2021.2006249	50

Gamma Radiation Studies on Organic Nonlinear Optical Materials in the Energy Range 122-1330 keV	Awasarmol, VV; Gaikwad, DK; Obaid, SS; Pawar, PP	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES	2020	0369-8203	http://dx.doi.org/10.1007/s40010-019-00636-1	10.1007/s40010-019-00636-1	38
Metabolite profiling of arginase inhibitor activity guided fraction ofFicus religiosaleaves by LC-HRMS	Shaikh, A; Tekale, S; Wagh, S; Padul, M	BIOMEDICAL CHROMATOGRAPHY	2020	0269-3879	http://dx.doi.org/10.1002/bmc.4966	10.1002/bmc.4966	48
A Review on Shrimp Aquaculture in India: Historical Perspective, Constraints, Status and Future Implications for Impacts on Aquatic Ecosystem and Biodiversity	Salunke, M; Kalyankar, A; Khedkar, CD; Shingare, M; Khedkar, GD	REVIEWS IN FISHERIES SCIENCE & AQUACULTURE	2020	2330-8249	http://dx.doi.org/10.1080/23308249.2020.1723058	10.1080/23308249.2020.1723058	133

Formulation of microwave assisted Z-scheme MoS2@TiO2: explored physicochemical properties and photodegradation of MO dye	Shaikh, S; Kutwade, VV; Gattu, KP; Khan, F; Gajbar, P; Sonawane, M; Tonpe, DA; Sharma, M; Rajawat, DS; Sharma, R	JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY	2023	0193-2691	http://dx.doi.org/10.1080/01932691.2023.2298871	10.1080/01932691.2023.2298871	61
Validation of the D&M IS success model in the context of accounting information system of the banking sector in the least developed countries	Al-Hattami, HM	JOURNAL OF MANAGEMENT CONTROL	2021	2191-4761	http://dx.doi.org/10.1007/s00187-020-00310-3	10.1007/s00187-020-00310-3	125
Synthesis and characterizations of magnetically inductive Mn-Zn spinel ferrite nanoparticles for hyperthermia applications (Expression of Concern of Vol 32, art no 13685, 2021)	Patade, SR; Andhare, DD; Khedkar, MV; Jadhav, SA; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	0957-4522	http://dx.doi.org/10.1007/s10854-022-08153-5	10.1007/s10854-022-08153-5	1

Some New Uniqueness Results of Solutions for Fractional Volterra-Fredholm Integro-Differential Equations	Hamoud, AA; Ghadle, KP	IRANIAN JOURNAL OF MATHEMATICAL SCIENCES AND INFORMATICS	2022	1735-4463	http://dx.doi.org/10.52547/ijmsi.17.1.135	10.52547/ijmsi.17.1.135	25
EXISTENCE OF SOLUTION FOR IMPULSIVE FRACTIONAL DIFFERENTIAL EQUATIONS VIA TOPOLOGICAL DEGREE METHOD	Faree, TA; Panchal, SK	JOURNAL OF THE KOREAN SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS	2021	1226-9433	http://dx.doi.org/10.12941/jksiam.2021.25.016	10.12941/jksiam.2021.25.016	15
Typifications of three names in Elaeocarpus (Elaeocarpaceae)	Gole, CN; Nimbalkar, VV; Sardesai, MM	PHYTOTAXA	2019	1179-3155	http://dx.doi.org/10.11646/phytotaxa.415.1.6	10.11646/phytotaxa.415.1.6	18
POSITIVE SOLUTION OF A FRACTIONAL DIFFERENTIAL EQUATION WITH INTEGRAL BOUNDARY CONDITIONS	Abdo, MS; Wahash, HA; Panchal, SK	JOURNAL OF APPLIED MATHEMATICS AND COMPUTATIONAL MECHANICS	2018	2299-9965	http://dx.doi.org/10.17512/jamcm.2018.3.01	10.17512/jamcm.2018.3.01	20
POTENTIOMETRIC STUDY OF BINARY COMPLEXES OF TRANSITION METAL ION CU+2 WITH SCIHFF BASE LIGANDS	Sonar, S; Vaidya, S; Bagal, M; Chondhekar, TK	HETEROCYCLIC LETTERS	2018	2231-3087			13

Development and Validation of Stability-indicating High-Performance Liquid Chromatography Method for estimation of organic impurities of Carvedilol from bulk and its Dosage Form	Desai, MM; Nikalje, APG	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2023	0250-474X			17
An innovative IoT based system for precision farming	Gaikwad, SV; Vibhute, AD; Kale, KV; Mehrotra, SC	COMPUTERS AND ELECTRONICS IN AGRICULTURE	2021	0168-1699	http://dx.doi.org/10.1016/j.compag.2021.106291	10.1016/j.compag.2021.106291	33
Synthesis and characterizations of magnetically inductive Mn-Zn spinel ferrite nanoparticles for hyperthermia applications (Publication with Expression of Concern)	Patade, SR; Andhare, DD; Khedkar, MV; Jadhav, SA; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	0957-4522	http://dx.doi.org/10.1007/s10854-021-05946-y	10.1007/s10854-021-05946-y	27

Quality-by-Design Based Development and Validation of Stability Indicating Method by UPLC Method for Impurities of Simvastatin from Drug and Pharmaceutical Dosage Form	Desai, MM; Nikalje, AAG	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2021	0250-474X	http://dx.doi.org/10.36468/pharmaceutical-sciences.756	10.36468/pharmaceutical-sciences.756	17
Ultrasound-assisted Synthesis of Novel Pyrazole and Pyrimidine Derivatives as Antimicrobial Agents	Dofe, VS; Sarkate, AP; Shaikh, ZM; Jadhav, CK; Nipte, AS; Gill, CH	JOURNAL OF HETEROCYCLIC CHEMISTRY	2018	0022-152X	http://dx.doi.org/10.1002/jhet.3105	10.1002/jhet.3105	26
Glassy Carbon Electrode Modified with Polyanilne/Ethylenediamine for detection of Copper Ions	Patil, HK; Deshmukh, MA; Bodkhe, GA; Shirsat, MD	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032970	10.1063/1.5032970	9
Facile synthesis of highly porous CuO nanoplates (NPs) for ultrasensitive and highly selective nitrogen dioxide/nitrite sensing	Mali, SM; Narwade, SS; Navale, YH; Patil, VB; Sathe, BR	RSC ADVANCES	2019	2046-2069	http://dx.doi.org/10.1039/c8ra09299k	10.1039/c8ra09299k	50

Determination of gamma ray shielding parameters of rocks and concrete	Obaid, SS; Gaikwad, DK; Pawar, PP	RADIATION PHYSICS AND CHEMISTRY	2018	0969-806X	http://dx.doi.org/10.1016/j.radphyschem.2017.09.022	10.1016/j.radphyschem.2017.09.022	28
(Substituted)-benzo[b]thiophene-4-carboxamide Synthesis and Antiproliferative Activity Study	Pawar, CD; Pansare, DN; Shinde, DB	LETTERS IN DRUG DESIGN & DISCOVERY	2020	1570-1808	http://dx.doi.org/10.2174/1570180815666181004114125	10.2174/1570180815666181004114125	25
Neem gum (Azadirachta indicia) facilitated green synthesis of TiO2 and ZrO2 nanoparticles as antimicrobial agents	Korde, SA; Thombre, PB; Dipake, SS; Sangshetti, JN; Rajbhoj, AS; Gaikwad, ST	INORGANIC CHEMISTRY COMMUNICATIONS	2023	1387-7003	http://dx.doi.org/10.1016/j.inoche.2023.110777	10.1016/j.inoche.2023.110777	81
Thermal Stress Analysis of Inhomogeneous Infinite Solid to 2D Elasticity of Thermoelastic Problems	Adhe, A; Ghadle, K	MATHEMATICS AND COMPUTING, ICMC 2022	2022	2194-1009	http://dx.doi.org/10.1007/978-981-19-9307-7_41	10.1007/978-981-19-9307-7_41	23

A multivariate quantification of Box-Behnken design assisted method development and validation of dextromethorphan hydrobromide and desloratadine simultaneously by reverse-phase HPLC in in-house syrup formulation	Alam, MI; Siddiqui, AUR; Khanam, N; Kamaruddin, SJ	JOURNAL OF SEPARATION SCIENCE	2020	1615-9306	http://dx.doi.org/10.1002/jssc.202000510	10.1002/jssc.202000510	13
ChCl:2ZnCl2 Catalyzed Efficient Synthesis of New Sulfonyl Decahydroacridine-1,8-Diones via One-Pot Multicomponent Reactions to Discover Potent Antimicrobial Agents	Bhosle, MR; Shaikh, MA; Nipate, D; Khillare, LD; Bondle, GM; Sangshetti, JN	POLYCYCLIC AROMATIC COMPOUNDS	2020	1040-6638	http://dx.doi.org/10.1080/10406638.2018.1533875	10.1080/10406638.2018.1533875	43
Nanopharmaceuticals for the Improved Treatment of Cerebral Stroke	Khan, S; Belgamwar, A; Yeole, P	NANOBIOTECHNOLOGY IN NEURODEGENERATIVE DISEASES	2019		http://dx.doi.org/10.1007/978-3-030-30930-5_15	10.1007/978-3-030-30930-5_15	58

A rapid and green method for expedient multicomponent synthesis of N-substituted decahydroacridine-1,8-diones as potential antimicrobial agents	Bhosle, MR; Nipte, D; Gaikwad, J; Shaikh, MA; Bondle, GM; Sangshetti, JN	RESEARCH ON CHEMICAL INTERMEDIATES	2018	0922-6168	http://dx.doi.org/10.1007/s11164-018-3541-7	10.1007/s11164-018-3541-7	53
Spherical Ni/NiO nanoparticles decorated on nanoporous carbon (NNC) as an active electrode material for urea and water oxidation reactions	Chavan, PP; Tanwade, PD; Sapner, VS; Sathe, BR	RSC ADVANCES	2023		http://dx.doi.org/10.1039/d3ra04286c	10.1039/d3ra04286c	31
Investigations on In Vivo Pharmacokinetic/Pharmacodynamic Determinants of Fosfomycin in Murine Thigh and Kidney Infection Models	Chavan, R; Naphade, B; Waykar, B; Bhagwat, S	MICROBIAL DRUG RESISTANCE	2023	1076-6294	http://dx.doi.org/10.1089/mdr.2022.0119	10.1089/mdr.2022.0119	33

CZTS Decorated on Graphene Oxide as an Efficient Electrocatalyst for High-Performance Hydrogen Evolution Reaction	Digraskar, RV; Sapner, VS; Mali, SM; Narwade, SS; Ghule, AV; Sathe, BR	ACS OMEGA	2019	2470-1343	http://dx.doi.org/10.1021/acsomega.8b03587	10.1021/acsomega.8b03587	68
ANALYSIS OF THERMAL STRESSES TO 2D PLANE THERMOELASTIC INHOMOGENEOUS STRIP	Adhe, AB; Ghadle, KP; Thool, US	MATHEMATICS IN APPLIED SCIENCES AND ENGINEERING	2023		http://dx.doi.org/10.5206/mase/16387	10.5206/mase/16387	25
Dielectric and Excess Properties of Glycols with Formamide Binary Mixtures at Different Temperatures	Navarkhele, VV	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2018	0036-0244	http://dx.doi.org/10.1134/S0036024418070191	10.1134/S0036024418070191	21
β-Cyclodextrin catalyzed one-pot four component auspicious protocol for synthesis of spiro[acridine-9,3-indole]-2,4,4(1H,5H,10H)-trione as a potential antimicrobial agent	Chate, AV; Kamdi, SP; Bhagat, AN; Sangshetti, JN; Gill, CH	SYNTHETIC COMMUNICATIONS	2018	0039-7911	http://dx.doi.org/10.1080/00397911.2017.1421665	10.1080/00397911.2017.1421665	75

Magnetically retrievable nanoscale nickel ferrites: An active photocatalyst for toxic dye removal applications	Jadhav, SA; Khedkar, MV; Somvanshi, SB; Jadhav, KM	CERAMICS INTERNATIONAL	2021	0272-8842	http://dx.doi.org/10.1016/j.ceramint.2021.07.021	10.1016/j.ceramint.2021.07.021	37
Initial value problem for a fractional neutral differential equation with infinite delay	Abdo, MS; Panchal, SK	INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS	2021	2008-6822	http://dx.doi.org/10.22075/ijnaa.2018.13488.1698	10.22075/ijnaa.2018.13488.1698	31
On Global Existence of Solutions for Abstract Nonlinear Functional Neutral Integro-Differential Equations with Nonlocal Condition	Jain, RS; Dhakne, MB	THAI JOURNAL OF MATHEMATICS	2018	1686-0209			17
Sensitive detection of heavy metal ions: An electrochemical approach	Patil, HK; Deshmukh, MA; Bodkhe, GA; Shirsat, MD	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2018	0217-9792	http://dx.doi.org/10.1142/S0217979218400428	10.1142/S0217979218400428	16
CZTS/MoS2-rGO Heterostructures: An efficient and highly stable electrocatalyst for enhanced hydrogen generation reactions	Digraskar, RV; Sapner, VS; Ghule, AV; Sathe, BR	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2021	1572-6657	http://dx.doi.org/10.1016/j.jelechem.2021.114983	10.1016/j.jelechem.2021.114983	48

Nanomedicines for Improved Antiretroviral Therapy in Neuro-AIDS	Belgamwar, A; Khan, S; Yeole, P	NANOBIOTECHNOLOGY IN NEURODEGENERATIVE DISEASES	2019		http://dx.doi.org/10.1007/978-3-030-30930-5_10	10.1007/978-3-030-30930-5_10	67
EXISTENCE AND UNIQUENESS RESULTS FOR CAPUTO FRACTIONAL INTEGRO-DIFFERENTIAL EQUATIONS	Hamoud, AA; Abdo, MS; Ghadle, KP	JOURNAL OF THE KOREAN SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS	2018	1226-9433	http://dx.doi.org/10.12941/jksiam.2018.22.163	10.12941/jksiam.2018.22.163	20
THE APPROXIMATE SOLUTIONS OF FRACTIONAL VOLTERRA - FREDHOLM INTEGRO-DIFFERENTIAL EQUATIONS BY USING ANALYTICAL TECHNIQUES	Hamoud, AA; Ghadle, KP	PROBLEMY ANALIZA-ISSUES OF ANALYSIS	2018	2306-3424	http://dx.doi.org/10.15393/j3.art.2018.4350	10.15393/j3.art.2018.4350	22
The impact of demographic factors of clients' attitudes and their intentions to use FinTech services on the banking sector in the least developed countries	Alshari, HA; Lokhande, MA	COGENT BUSINESS & MANAGEMENT	2022	2331-1975	http://dx.doi.org/10.1080/23311975.2022.2114305	10.1080/23311975.2022.2114305	63

Photocatalytic Degradation of Organic Pollutants by Using Nanocrystalline Boron-doped TiO2 Catalysts	Barkul, RP; Sutar, RS; Patil, MK; Delekar, SD	CHEMISTRYSELECT	2021	2365-6549	http://dx.doi.org/10.1002/slct.202003910	10.1002/slct.202003910	67
An eco-friendly synthesis of polyhydroquinoline derivatives using MoO3 promoted CeO2-ZrO2 solid heterogeneous catalyst	Rathod, S; Dhage, V; Lande, M	MATERIALS TODAY-PROCEEDINGS	2021	2214-7853	http://dx.doi.org/10.1016/j.matpr.2021.02.324	10.1016/j.matpr.2021.02.324	41
Existence of solution for Hilfer fractional differential problem with nonlocal boundary condition in Banach spaces	Wahash, HA; Abdo, MS; Panchal, SK; Bhairat, SP	STUDIA UNIVERSITATIS BABES-BOLYAI MATHEMATICA	2021	0252-1938	http://dx.doi.org/10.24193/subbmath.2021.3.09	10.24193/subbmath.2021.3.09	22
Surface modified sodium silicate based superhydrophobic silica aerogels prepared via ambient pressure drying process	Khedkar, MV; Somvanshi, SB; Humbe, AV; Jadhav, KM	JOURNAL OF NON-CRYSTALLINE SOLIDS	2019	0022-3093	http://dx.doi.org/10.1016/j.jnoncrysol.2019.02.004	10.1016/j.jnoncrysol.2019.02.004	36

Rietveld refined structural, morphological, Raman and magnetic investigations of superparamagnetic Zn-Co nanospinel ferrites prepared by cost-effective co-precipitation route	Andhare, DD; Patade, SR; Jadhav, SA; Somvanshi, SB; Jadhav, KM	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2021	0947-8396	http://dx.doi.org/10.1007/s00339-021-04603-9	10.1007/s00339-021-04603-9	54
Impact of crystallites on enhancement of bandgap of Mn1-x ZnxFe2O4 (1 ≥ x ≥ 0) nanospinels	Patade, SR; Andhare, DD; Kharat, PB; Humbe, A; Jadhav, KM	CHEMICAL PHYSICS LETTERS	2020	0009-2614	http://dx.doi.org/10.1016/j.cplett.2020.137240	10.1016/j.cplett.2020.137240	38
Supramolecular biomimetic catalysis by β-cyclodextrin for the synthesis of new antimicrobial chromeno[4,3-b]quinolin-isonicotinamides in water	Bhosle, MR; Joshi, SA; Bondle, GM; Sangshetti, JN	RESEARCH ON CHEMICAL INTERMEDIATES	2020	0922-6168	http://dx.doi.org/10.1007/s11164-019-03987-x	10.1007/s11164-019-03987-x	66
Usage of the Variational Iteration Technique for Solving Fredholm Integro-Differential Equations	Hamoud, AA; Ghadle, KP	JOURNAL OF COMPUTATIONAL APPLIED MECHANICS	2019	2423-6713	http://dx.doi.org/10.22059/jcamech.2019.275882.359	10.22059/jcamech.2019.275882.359	27

Rietveld, cation distribution and elastic investigations of nanocrystalline Li0.5+0.5xZrxFe2.5-1.5xO4 synthesized via sol-gel route	Kounsalye, JS; Humbe, AV; Chavan, AR; Jadhav, KM	PHYSICA B-CONDENSED MATTER	2018	0921-4526	http://dx.doi.org/10.1016/j.physb.2018.08.007	10.1016/j.physb.2018.08.007	43
Design, Synthesis and SAR Study of Novel Spiro [Pyrimido[5,4-b]Quinoline-10,5-Pyrrolo[2,3-d]Pyrimidine] Derivatives as Promising Anticancer Agents	Chate, AV; Kamdi, SP; Bhagat, AN; Jadhav, CK; Nipte, A; Sarkate, AP; Tiwari, SV; Gill, CH	JOURNAL OF HETEROCYCLIC CHEMISTRY	2018	0022-152X	http://dx.doi.org/10.1002/jhet.3286	10.1002/jhet.3286	30
Self-heating evaluation of superparamagnetic MnFe2O4 nanoparticles for magnetic fluid hyperthermia application towards cancer treatment	Patade, SR; Andhare, DD; Somvanshi, SB; Jadhav, SA; Khedkar, MV; Jadhav, KM	CERAMICS INTERNATIONAL	2020	0272-8842	http://dx.doi.org/10.1016/j.ceramint.2020.07.029	10.1016/j.ceramint.2020.07.029	27
Sunlight assisted photocatalytic degradation of organic pollutants using g-C3N4-TiO2 nanocomposites	Sutar, RS; Barkul, RP; Delekar, SD; Patil, MK	ARABIAN JOURNAL OF CHEMISTRY	2020	1878-5352	http://dx.doi.org/10.1016/j.arabjc.2020.01.019	10.1016/j.arabjc.2020.01.019	45

Thermo-acoustical properties of carbamide and N, N-dimethylformamide binary mixture at different temperatures	Thorat, HN; Murugkar, A	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	2020	0019-5596			40
Influence of Cr3+ substitution on structural, morphological, optical, and magnetic properties of nickel ferrite thin films	Chavan, AR; Shisode, MV; Undre, PG; Jadhav, KM	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2019	0947-8396	http://dx.doi.org/10.1007/s00339-019-2768-5	10.1007/s00339-019-2768-5	57
Morphological Study of Lanthanum-Doped Nano Spinel Ferrite via Normal Micelles Method	Ganure, KA; Dhale, LA; Shirsat, SE; Lohar, KS	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	2018	1574-1443	http://dx.doi.org/10.1007/s10904-018-0825-8	10.1007/s10904-018-0825-8	25
Palladium Catalyzed Tricyclohexylphosphine Ligand Associated Synthesis of N-(2-(pyridine-4-yl)-1H-pyrrolo[3,2-c]-pyridin-6-yl-(substituted)-sulfonamide Derivatives as Antiproliferative Agents	Pawar, CD; Sarkate, AP; Karnik, KS; Shinde, DB	JOURNAL OF HETEROCYCLIC CHEMISTRY	2018	0022-152X	http://dx.doi.org/10.1002/jhet.3206	10.1002/jhet.3206	24

Green synthesis and inhibitory effect of novel quinoline based thiazolidinones on the growth of MCF-7 human breast cancer cell line by G2/M cell cycle arrest	Dofe, VS; Sarkate, AP; Azad, R; Gill, CH	RESEARCH ON CHEMICAL INTERMEDIATES	2018	0922-6168	http://dx.doi.org/10.1007/s11164-017-3157-3	10.1007/s11164-017-3157-3	26
Iris biometric technique for person authentication based on fusion of radon and 2D multi-wavelet transform	Rajput, MR; Sable, GS; Gite, HR	2018 INTERNATIONAL CONFERENCE ON ADVANCES IN COMMUNICATION AND COMPUTING TECHNOLOGY (ICACCT)	2018				10
Silica supported dodecatungstophosphoric acid (DTP/SiO2): An efficient and recyclable heterogeneous catalyst for rapid synthesis of quinoxalines	Hebade, MJ; Deshmukh, TR; Dhumal, ST	SYNTHETIC COMMUNICATIONS	2021	0039-7911	http://dx.doi.org/10.1080/00397911.2021.1939060	10.1080/00397911.2021.1939060	56

Exploring the Determinants of Service Quality of Cloud E-Learning System for Active System Usage	Naveed, QN; Alam, MM; Qahmash, AI; Quadri, KM	APPLIED SCIENCES-BASEL	2021		http://dx.doi.org/10.3390/app11094176	10.3390/app11094176	55
Influence of manganese (Mn) substitution on structural, infrared and dielectric properties of BaTiO3nanoceramics	More, SP; Khedkar, MV; Andhare, DD; Humbe, AV; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2020	0957-4522	http://dx.doi.org/10.1007/s10854-020-04500-6	10.1007/s10854-020-04500-6	27
The Microwave Assisted and Efficient Synthesis of 2-Substituted Benzimidazole Mono-Condensation of O-Phenylenediamines and Aldehyde	Tayade, AP; Pawar, RP	POLYCYCLIC AROMATIC COMPOUNDS	2022	1040-6638	http://dx.doi.org/10.1080/10406638.2020.1781204	10.1080/10406638.2020.1781204	15
Physicochemical properties of ambient pressure dried surface modified silica aerogels: effect of pH variation	Khedkar, MV; Jadhav, SA; Somvanshi, SB; Kharat, PB; Jadhav, KM	SN APPLIED SCIENCES	2020	2523-3963	http://dx.doi.org/10.1007/s42452-020-2463-3	10.1007/s42452-020-2463-3	38

Noncompact perturbation of nonconvex noncompact sweeping process with delay	Abdo, MS; Ibrahim, AG; Panchal, SK	COMMENTATIONES MATHEMATICAE UNIVERSITATIS CAROLINAE	2020	0010-2628	http://dx.doi.org/10.14712/1213-7243.2020.014	10.14712/1213-7243.2020.014	19
EXISTENCE AND ULAM-HYERS STABILITY OF THE IMPLICIT FRACTIONAL BOUNDARY VALUE PROBLEM WITH ψ-CAPUTO FRACTIONAL DERIVATIVE	Wahash, HA; Abdo, MS; Panchal, SK	JOURNAL OF APPLIED MATHEMATICS AND COMPUTATIONAL MECHANICS	2020	2299-9965	http://dx.doi.org/10.17512/jamcm.2020.1.08	10.17512/jamcm.2020.1.08	27
Ultrasensitive and bifunctional ZnO nanoplates for an oxidative electrochemical and chemical sensor of NO2: implications towards environmental monitoring of the nitrite reaction	Mali, SM; Chavan, PP; Navale, YH; Patil, VB; Sathe, BR	RSC ADVANCES	2018		http://dx.doi.org/10.1039/c8ra01358f	10.1039/c8ra01358f	76

Copolymers of Polyaniline and Poly-o-toluidine: Electrochemical Synthesis and characterization	Yadav, PC; Deshmukh, MA; Patil, HK; Bodkhe, GA; Sayyad, PW; Ingle, NN; Shirsat, MD	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032994	10.1063/1.5032994	7
Curcumin-based bioactive heterocycles derived via multicomponent reactions	Nagargoje, AA; Shaikh, MH; Shingate, BB	ARCHIV DER PHARMAZIE	2023	0365-6233	http://dx.doi.org/10.1002/ardp.202300171	10.1002/ardp.202300171	140
A simple and efficient protocol for the synthesis of quinoxaline derivatives using recyclable H5PW6Mo4V2O40•14H2O catalyst	Aher, DS; Khillare, KR; Chavan, LD; Shelke, VA; Shankarwar, SG	SYNTHETIC COMMUNICATIONS	2022	0039-7911	http://dx.doi.org/10.1080/00397911.2022.2093645	10.1080/00397911.2022.2093645	38
STEADY-STATE TEMPERATURE ANALYSIS TO 2D ELASTICITY AND THERMO-ELASTICITY PROBLEMS FOR INHOMOGENEOUS SOLIDS IN HALF-PLANE	Ghadle, KP; Adhe, AB	JOURNAL OF THE KOREAN SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS	2020	1226-9433	http://dx.doi.org/10.12941/jksiam.2020.24.093	10.12941/jksiam.2020.24.093	19

Electrocardiogram Signal Denoising Using Hybrid Filtering for Cardiovascular Diseases Prediction	Ghodake, S; Ghumbre, S; Deshmukh, S	TECHNO-SOCIETAL 2018: PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGIES FOR SOCIETAL APPLICATIONS - VOL 1	2020		http://dx.doi.org/10.1007/978-3-030-16848-3_26	10.1007/978-3-030-16848-3_26	14
Economic and binder-free synthesis of NiCo2O4 nanosheets on a Flexible stainless steel mesh as a bifunctional electrode for water splitting	Bhoj, PK; Kamble, GP; Yadav, JB; Dongale, TD; Sathe, BR; Ghule, A	APPLIED SURFACE SCIENCE	2024	0169-4332	http://dx.doi.org/10.1016/j.apsusc.2023.159083	10.1016/j.apsusc.2023.159083	50
Successive Ion Layer Adsorption and Reaction Method Developed ZnO Thin Films for NO2 Gas Sensing	Sable, PB; Abood, NT; Botewad, SN; Dharne, GM	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE	2022	1862-6300	http://dx.doi.org/10.1002/pssa.202100703	10.1002/pssa.202100703	43
A Nonlinear Integro-Differential Equation with Fractional Order and Nonlocal Conditions	Wahash, HA; Abdo, MS; Panchal, SK	JOURNAL OF APPLIED NONLINEAR DYNAMICS	2020	2164-6457	http://dx.doi.org/10.5890/JAND.2020.09.009	10.5890/JAND.2020.09.009	34

Hydrophobic to hydrophilic surface transformation of nano-scale zinc ferrite via oleic acid coating: Magnetic hyperthermia study towards biomedical applications	Somvanshi, SB; Kharat, PB; Khedkar, MV; Jadhav, KM	CERAMICS INTERNATIONAL	2020	0272-8842	http://dx.doi.org/10.1016/j.ceramint.2019.11.265	10.1016/j.ceramint.2019.11.265	45
Thermophysical Investigations of Ultrasonically Assisted Magnetic Nanofluids for Heat Transfer	Kharat, PB; Humbe, AV; Kounsalye, JS; Jadhav, KM	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2019	1557-1939	http://dx.doi.org/10.1007/s10948-018-4819-0	10.1007/s10948-018-4819-0	50
Preparation and Thermophysical Investigations of CoFe2O4-based Nanofluid: a Potential Heat Transfer Agent	Kharat, PB; Kounsalye, JS; Shisode, MV; Jadhav, KM	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2019	1557-1939	http://dx.doi.org/10.1007/s10948-018-4711-y	10.1007/s10948-018-4711-y	68
Influence of Ba2+ on Opto-Electric Properties of Nanocrystalline BiFeO3 Multiferroic	Shisode, MV; Humbe, AV; Kharat, PB; Jadhav, KM	JOURNAL OF ELECTRONIC MATERIALS	2019	0361-5235	http://dx.doi.org/10.1007/s11664-018-6715-6	10.1007/s11664-018-6715-6	25

Rietveld refinement, morphology and superparamagnetism of nanocrystalline Ni0.70-xCuxZn0.30Fe2O4 spinel ferrite	Humbe, AV; Kounsalye, JS; Shisode, MV; Jadhav, KM	CERAMICS INTERNATIONAL	2018	0272-8842	http://dx.doi.org/10.1016/j.ceramint.2017.12.180	10.1016/j.ceramint.2017.12.180	22
Hydrothermal Synthesis of MnO2 Thin Film for Supercapacitor Application	Tarwate, SB; Wahule, SS; Gattu, KP; Ghule, AV; Sharma, R	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032387	10.1063/1.5032387	3
Schiff Base Metal Complexes Precursor for Metal Oxide Nanomaterials: A Review	Patil, MK; Masand, VH; Maldhure, AK	CURRENT NANOSCIENCE	2021	1573-4137	http://dx.doi.org/10.2174/1573413716999201127112204	10.2174/1573413716999201127112204	124
Optimized Cardiovascular Disease Detection and Features Extraction Algorithms from ECG Data	Ghodake, S; Ghumbre, S; Deshmukh, S	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2020	2158-107X			31

Tromethamine organocatalyzed efficient tandem-multicomponent synthesis of new thiazolyl-4-thiazolidinones in aqueous medium	Bhosle, MR; Kharote, SA; Bondle, GM; Mali, JR	SYNTHETIC COMMUNICATIONS	2019	0039-7911	http://dx.doi.org/10.1080/00397911.2019.1597124	10.1080/00397911.2019.1597124	71
Thermo-Acoustic Analysis of Binary Mixture of Methylparaben in Methanol at 30°C	Hanuman, T; Anita, M	ADVANCES IN BASIC SCIENCES (ICABS 2019)	2019	0094-243X	http://dx.doi.org/10.1063/1.5122644	10.1063/1.5122644	13
Imidazole-thiazole coupled derivatives as novel lanosterol 14-α demethylase inhibitors: ionic liquid mediated synthesis, biological evaluation and molecular docking study	Nikalje, APG; Tiwari, SV; Sarkate, AP; Karnik, KS	MEDICINAL CHEMISTRY RESEARCH	2018	1054-2523	http://dx.doi.org/10.1007/s00044-017-2085-5	10.1007/s00044-017-2085-5	32
Bioenergy Conversion from Aquatic Weed Water Hyacinth into Agronomically Valuable Vermicompost	Snehalata, A; Rao, KR	BIOSYNTHETIC TECHNOLOGY AND ENVIRONMENTAL CHALLENGES	2018	2522-8366	http://dx.doi.org/10.1007/978-981-10-7434-9_15	10.1007/978-981-10-7434-9_15	74

Fusion Based Feature Extraction and Optimal Feature Selection in Remote Sensing Image Retrieval	Vharkate, MN; Musande, VB	MULTIMEDIA TOOLS AND APPLICATIONS	2022	1380-7501	http://dx.doi.org/10.1007/s11042-022-11997-y	10.1007/s11042-022-11997-y	35
Hydrogeochemistry and multivariate statistical analysis of groundwater quality of hard rock aquifers from Deccan trap basalt in Western India	Kale, A; Bandela, N; Kulkarni, J; Sahoo, SK; Kumar, A	ENVIRONMENTAL EARTH SCIENCES	2021	1866-6280	http://dx.doi.org/10.1007/s12665-021-09586-7	10.1007/s12665-021-09586-7	93
2-Aminoethanesulfonic acid: An efficient organocatalyst for green synthesis of spirooxindole dihydroquinazolinones and novel 1,2-(dihydroquinazolin-3(4H)isonicotinamides in water	Chate, AV; Rudrawar, PP; Bondle, GM; Sangeshetti, JN	SYNTHETIC COMMUNICATIONS	2020	0039-7911	http://dx.doi.org/10.1080/00397911.2019.1692868	10.1080/00397911.2019.1692868	89

Synthesis, antimicrobial, and antioxidant activities of new pyridyl- and thiazolyl-bearing carbohydrazides	Muluk, MB; Phatak, PS; Pawar, SB; Dhumal, ST; Rehman, NNMA; Dixit, PP; Choudhari, PB; Haval, KP	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	2019	0009-4536	http://dx.doi.org/10.1002/jccs.201900198	10.1002/jccs.201900198	47
Radiation-induced modifications in structural, electrical and dielectric properties of Ti4+ ions substituted Li0.5Fe2.5O4 nanoparticles	Kounsalye, JS; Kharat, PB; Bhoyar, DN; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	0957-4522	http://dx.doi.org/10.1007/s10854-018-8874-x	10.1007/s10854-018-8874-x	48
Application of Artificial Intelligence for Better Investment in Human Capital	Ammer, MA; Ahmed, ZAT; Alsubari, SN; Aldhyani, THH; Almaaytah, SA	MATHEMATICS	2023		http://dx.doi.org/10.3390/math11030612	10.3390/math11030612	45
Enhancing Honey Adulteration Detection With Optimal Subspace Wavelength Reduction in Vis-NIR Reflection Spectroscopy	Al-Awadhi, M; Deshmukh, R	IEEE ACCESS	2023	2169-3536	http://dx.doi.org/10.1109/ACCESS.2023.3343731	10.1109/ACCESS.2023.3343731	50

Intensive analysis of uncoated and surface modified Co-Zn nanoferrite as a heat generator in magnetic fluid hyperthermia applications	Andhare, DD; Patade, SR; Khedkar, MV; Nawpute, AA; Jadhav, KM	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2022	0947-8396	http://dx.doi.org/10.1007/s00339-022-05648-0	10.1007/s00339-022-05648-0	38
[Et3NH][HSO4] catalyzed solvent-free synthesis of new 1,2,3-triazolidene-indolinone derivatives	Siddiqui, MM; Nagargoje, AA; Raza, AK; Pisal, PM; Shingate, BB	JOURNAL OF HETEROCYCLIC CHEMISTRY	2022	0022-152X	http://dx.doi.org/10.1002/jhet.4429	10.1002/jhet.4429	65
Sol-gel method synthesized Ce-doped TiO2 visible light photocatalyst for degradation of organic pollutants	Bhosale, MG; Sutar, RS; Londhe, SS; Patil, MK	APPLIED ORGANOMETALLIC CHEMISTRY	2022	0268-2605	http://dx.doi.org/10.1002/aoc.6586	10.1002/aoc.6586	57
[Et3NH][HSO4]-Catalyzed One-Pot Solvent Free Syntheses of Functionalized [1,6]-Naphthyridines and Biological Evaluation	Shaikh, MH; Subhedar, DD; Khedkar, VM; Shingate, BB	POLYCYCLIC AROMATIC COMPOUNDS	2022	1040-6638	http://dx.doi.org/10.1080/10406638.2021.1970587	10.1080/10406638.2021.1970587	58

In VitroActivity of Fosfomycin and Nitrofurantoin Against ContemporaryEnterobacteralesPathogens Isolated from Indian Tertiary Care Hospitals	Chavan, R; Naphade, B; Waykar, B; Bhagwat, S	MICROBIAL DRUG RESISTANCE	2021	1076-6294	http://dx.doi.org/10.1089/mdr.2020.0200	10.1089/mdr.2020.0200	28
Existence and Uniqueness of the Solution for Volterra-Fredholm Integro-Differential Equations	Hamoud, AA; Ghadle, KP	JOURNAL OF SIBERIAN FEDERAL UNIVERSITY-MATHEMATICS & PHYSICS	2018	1997-1397	http://dx.doi.org/10.17516/1997-1397-2018-11-6-692-701	10.17516/1997-1397-2018-11-6-692-701	20
A Mild and Rapid Synthesis of 2-aryl Benzimidazoles by using SO42-/ZrO2-TiO2 as a Heterogeneous Catalyst	Shelke, SV; Dhumal, ST; Deshmukh, TR; Patil, MK	LETTERS IN ORGANIC CHEMISTRY	2023	1570-1786	http://dx.doi.org/10.2174/1570178620666230103140744	10.2174/1570178620666230103140744	39
An Efficient One-Pot Green Protocol for the Synthesis of Dihydrochromeno[4,3-b]Pyrazolo[4,3-e]Pyridin-6(7H)-Ones Mediated by Diisopropyl Ethyl Ammonium Acetate at Room Temperature	Kulkarni, MV; Jadhav, CK; Nipate, AS; Bhutada, S; Gill, CH; Magar, BK	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2022.2131852	10.1080/10406638.2022.2131852	44

Facile, Cost Effective and Eco-friendly Approach to Synthesize Bio-MnO2 Nanosphered Thin Filmfor all Solid-State Flexible Asymmetric Supercapacitor	Chavan, R; Kamble, G; Kashale, A; Kolekar, S; Sathe, B; Ghule, A	CHEMISTRYSELECT	2022	2365-6549	http://dx.doi.org/10.1002/slct.202202166	10.1002/slct.202202166	37
Enhanced photosensing by Mg-doped ZnO hexagonal rods via a feasible chemical route	Kutwade, VV; Gattu, KP; Dive, AS; Sonawane, ME; Tonpe, DA; Sharma, R	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	0957-4522	http://dx.doi.org/10.1007/s10854-021-05364-0	10.1007/s10854-021-05364-0	85
Room temperature ionic liquid promoted improved and rapid synthesis of highly functionalized imidazole and evaluation of their inhibitory activity against human cancer cells	Jadhav, CK; Nipate, AS; Chate, AV; Kamble, PM; Kadam, GA; Dofe, VS; Khedkar, VM; Gill, CH	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	2021	0009-4536	http://dx.doi.org/10.1002/jccs.202000468	10.1002/jccs.202000468	62
Estimation of soil nitrogen in agricultural regions by VNIR reflectance spectroscopy	Vibhute, AD; Kale, KV; Gaikwad, SV; Dhumal, RK	SN APPLIED SCIENCES	2020	2523-3963	http://dx.doi.org/10.1007/s42452-020-03322-9	10.1007/s42452-020-03322-9	24

EXTREME VERTICES DESIGNS FOR MULTI-COMPONENT CONSTRAINED MIXTURE EXPERIMENTS USING SIMPLEX METHOD	Sonar, C; Rajarajan, J	INTERNATIONAL JOURNAL OF AGRICULTURAL AND STATISTICAL SCIENCES	2020	0973-1903			9
Fractional Integro-Differential Equations Involving ψ-Hilfer Fractional Derivative	Abdo, MS; Panchal, SK	ADVANCES IN APPLIED MATHEMATICS AND MECHANICS	2019	2070-0733	http://dx.doi.org/10.4208/aamm.OA-2018-0143	10.4208/aamm.OA-2018-0143	39
UPLC, HR-MS, and In-Silico Tools for Simultaneous Separation, Characterization, and In-Silico Toxicity Prediction of Degradation Products of Atorvastatin and Olmesartan	Rakibe, U; Tiwari, R; Rane, V; Wakte, P	ACTA CHROMATOGRAPHICA	2019	1233-2356	http://dx.doi.org/10.1556/1326.2017.00333	10.1556/1326.2017.00333	15
Weighted Fractional Neutral Functional Differential Equations	Abdo, MS; Panchal, SK	JOURNAL OF SIBERIAN FEDERAL UNIVERSITY-MATHEMATICS & PHYSICS	2018	1997-1397	http://dx.doi.org/10.17516/1997-1397-2018-11-5-535-549	10.17516/1997-1397-2018-11-5-535-549	30

An efficient multicomponent synthesis and in vitro anticancer activity of dihydropyranochromene and chromenopyrimidine-2,5-diones	Bhosle, MR; Wahul, DB; Bondle, GM; Sarkate, A; Tiwari, SV	SYNTHETIC COMMUNICATIONS	2018	0039-7911	http://dx.doi.org/10.1080/00397911.2018.1480042	10.1080/00397911.2018.1480042	79
Sonochemically prepared bismuth doped titanium oxide-reduced graphene oxide (Bi@TiO2-rGO) nanocomposites for effective visible light photocatalytic degradation of malachite green	Kallawar, GA; Bhanvase, BA; Sathe, BR	DIAMOND AND RELATED MATERIALS	2023	0925-9635	http://dx.doi.org/10.1016/j.diamond.2023.110423	10.1016/j.diamond.2023.110423	63
SOME NEW RESULTS ON NONLINEAR FRACTIONAL ITERATIVE VOLTERRA-FREDHOLM INTEGRO DIFFERENTIAL EQUATIONS	Hamoud, AA; Ghadle, KP	TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS	2022	2146-1147			28

1-Ethyl-3-Methylimidazolium Cyanoborohydride Catalyzed Solvent Free Microwave Assisted One Pot Multicomponent Synthesis of Tetrahydrobenzo[b]Pyran Derivatives	Manjul, RK; Gade, VB; Gaikwad, DN; Suryavanshi, DM; Rajbhoj, AS; Gaikwad, ST	LETTERS IN ORGANIC CHEMISTRY	2022	1570-1786	http://dx.doi.org/10.2174/1570178618666210405151600	10.2174/1570178618666210405151600	43
Effect of Zinc Doping on Water-Based Manganese Ferrite Nanofluids for Magnetic Hyperthermia Application	Patade, SR; Andhare, DD; Somvanshi, SB; Kharat, PB; Jadhav, KM	DAE SOLID STATE PHYSICS SYMPOSIUM 2019	2020	0094-243X	http://dx.doi.org/10.1063/5.0017051	10.1063/5.0017051	7
Some New Existence, Uniqueness and Convergence Results for Fractional Volterra-Fredholm Integro-Differential Equations	Hamoud, AA; Ghadle, KP	JOURNAL OF APPLIED AND COMPUTATIONAL MECHANICS	2019	2383-4536	http://dx.doi.org/10.22055/jacm.2018.25397.1259	10.22055/jacm.2018.25397.1259	27
AN EXISTENCE AND CONVERGENCE RESULTS FOR CAPUTO FRACTIONAL VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS	Hamoud, AA; Ghadle, KP; Pathade, PA	JORDAN JOURNAL OF MATHEMATICS AND STATISTICS	2019	2075-7905			22

One-pot, four-component synthesis and SAR STUDIES of spiro[pyrimido[5,4-b]quinoline-10,5'-pyrrolo[2,3-d]pyrimidine] derivatives catalyzed by β-cyclodextrin in water as potential anticancer agents	Gill, CH; Chate, AV; Shinde, GY; Sarkate, AP; Tiwari, SV	RESEARCH ON CHEMICAL INTERMEDIATES	2018	0922-6168	http://dx.doi.org/10.1007/s11164-018-3353-9	10.1007/s11164-018-3353-9	63
Cyberbullying Identification System Based Deep Learning Algorithms	Aldhyani, THH; Al-Adhaileh, MH; Alsubari, SN	ELECTRONICS	2022		http://dx.doi.org/10.3390/electronics11203273	10.3390/electronics11203273	44
Antioxidant and inflammatory cytokines regulatory actions of fresh snail and seawater gastropods extracts	Pawar, DP; Shamkuwar, PB	ASIAN JOURNAL OF PHARMACEUTICAL RESEARCH AND HEALTH CARE	2022	2250-1444	http://dx.doi.org/10.4103/ajprhc.ajprhc_77_22	10.4103/ajprhc.ajprhc_77_22	25
Preparation and in-vitro / in-vivo Characterization of Transdermal Amphiphilogel Loaded with Biodegradable Polymeric Submicron Carriers of Meloxicam for Treatment of Inflammation	Singhavi, DJ; Yeole, P; Khan, S	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2022	0019-5464	http://dx.doi.org/10.5530/ijper.56.1.16	10.5530/ijper.56.1.16	43

Visible light photocatalytic activity of magnetically diluted Ni-Zn spinel ferrite for active degradation of rhodamine B	Jadhav, SA; Khedkar, MV; Andhare, DD; Gopale, SB; Jadhav, KM	CERAMICS INTERNATIONAL	2021	0272-8842	http://dx.doi.org/10.1016/j.ceramint.2021.01.267	10.1016/j.ceramint.2021.01.267	65
High performance visible light photocatalysis of electrospun PAN/ZnO hybrid nanofibers	Shah, AP; Jain, S; Mokale, VJ; Shimpi, NG	JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY	2019	1226-086X	http://dx.doi.org/10.1016/j.jiec.2019.04.030	10.1016/j.jiec.2019.04.030	66
Refutation of media reports on introduction of the red bellied piranha and potential impacts on aquatic biodiversity in India	Tiknaik, A; Kalyankar, A; Shingare, M; Suryawanshi, R; Prakash, B; Sontakke, TA; Nalage, D; Sanil, R; Khedkar, G	MITOCHONDRIAL DNA PART A	2019	2470-1394	http://dx.doi.org/10.1080/24701394.2019.1611798	10.1080/24701394.2019.1611798	48
EXISTENCE OF SOLUTIONS OF GENERALIZED FRACTIONAL DIFFERENTIAL EQUATION WITH NONLOCAL INITIAL CONDITION	Bhairat, SP; Dhaigude, DB	MATHEMATICA BOHEMICA	2019	0862-7959	http://dx.doi.org/10.21136/MB.2018.0135-17	10.21136/MB.2018.0135-17	28

Structural, Microstructural, Magnetic, and Ferroelectric Properties of Ba2+-Doped BiFeO3 Nanocrystalline Multifferroic Material	Shisode, MV; Bhoyar, DN; Khirade, PP; Jadhav, KM	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2018	1557-1939	http://dx.doi.org/10.1007/s10948-017-4515-5	10.1007/s10948-017-4515-5	32
Comparison and Determine Characteristics Potentials of HOMO/LUMO and Relationship between Ea and Ip for Squaraine Dyes (SQ1, SQ2) by Using Cyclic Voltammetry and DFT/TD-DFT	Al-horaibi, SA; Alghamdi, MT; Gaikwad, ST; Rajbhoj, AS	MOROCCAN JOURNAL OF CHEMISTRY	2018	2351-812X			45
Molecular Docking, Pharmacokinetic and Molecular Simulation Analysis of Novel Mono-Carbonyl Curcumin Analogs as L858R/T790M/C797S Mutant EGFR Inhibitors	Bhandari, SV; Kuthe, PV; Patil, SM; Nagras, OG; Sarkate, AP; Chaudhari, SY; Surve, SV	CHEMISTRY & BIODIVERSITY	2023	1612-1872	http://dx.doi.org/10.1002/cbdv.202301081	10.1002/cbdv.202301081	71

Stable and highly efficient Co-Bi nanoalloy decorated on reduced graphene oxide (Co-Bi@rGO) anode for formaldehyde and urea oxidation reactions	Munde, AV; Mulik, BB; Dighole, RP; Sathe, BR	MATERIALS CHEMISTRY AND PHYSICS	2022	0254-0584	http://dx.doi.org/10.1016/j.matchemphys.2022.126843	10.1016/j.matchemphys.2022.126843	60
Biology of selected Clarias catfish species used in aquaculture	Haymer, DS; Khedkar, GD	ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH	2022	0792-156X	http://dx.doi.org/10.46989/001c.37958	10.46989/001c.37958	78
Biocatalytic transformations of bioactive labdane diterpenoids from Andrographis paniculata (Burm f.) Nees: A review	Kolat, SP; Patil, H	BIOCATALYSIS AND BIOTRANSFORMATION	2022	1024-2422	http://dx.doi.org/10.1080/10242422.2021.2002305	10.1080/10242422.2021.2002305	33
Comparative Study on Antibacterial Activity of Metal Ions, Monometallic and Alloy Noble Metal Nanoparticles Against Nosocomial Pathogens	Ramteke, L; Gawali, P; Jadhav, BL; Chopade, BA	BIONANOSCIENCE	2020	2191-1630	http://dx.doi.org/10.1007/s12668-020-00771-9	10.1007/s12668-020-00771-9	91

Magneto-structural and photocatalytic behavior of mixed Ni-Zn nano-spinel ferrites: visible light-enabled active photodegradation of rhodamine B	Jadhav, SA; Somvanshi, SB; Khedkar, MV; Patade, SR; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2020	0957-4522	http://dx.doi.org/10.1007/s10854-020-03684-1	10.1007/s10854-020-03684-1	71
An Adaptive Neighbour Knowledge-Based Hybrid Broadcasting for Emergency Communications	Deshmukh, M; Kakarwal, SN; Deshmukh, R	SECOND INTERNATIONAL CONFERENCE ON COMPUTER NETWORKS AND COMMUNICATION TECHNOLOGIES, ICCNCT 2019	2020	2367-4512	http://dx.doi.org/10.1007/978-3-030-37051-0_10	10.1007/978-3-030-37051-0_10	20
Ultrasound-assisted synthesis and antimicrobial activity of tetrazole-based pyrazole and pyrimidine derivatives	Dofe, VS; Sarkate, AP; Shaikh, ZM; Gill, CH	HETEROCYCLIC COMMUNICATIONS	2018	0793-0283	http://dx.doi.org/10.1515/hc-2017-0067	10.1515/hc-2017-0067	28
L-Cysteine peptide-functionalized PEDOT-PSS/rGO nanocomposite for selective electrochemical detection of lead Pb(II) ions	Sayyad, PW; Ansari, TR; Ingle, NN; Al-Gahouari, T; Bodkhe, GA; Mahadik, MM; Shirsat, SM; Shirsat, MD	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2021	0947-8396	http://dx.doi.org/10.1007/s00339-021-04511-y	10.1007/s00339-021-04511-y	51

Influential incorporation of RE metal ion (Dy3+) in yttrium iron garnet (YIG) nanoparticles: Magnetic, electrical and dielectric behaviour	Bhosale, AB; Somvanshi, SB; Murumkar, VD; Jadhav, KM	CERAMICS INTERNATIONAL	2020	0272-8842	http://dx.doi.org/10.1016/j.ceramint.2020.03.081	10.1016/j.ceramint.2020.03.081	50
Synthesis, anticancer and antimicrobial evaluation of new pyridyl and thiazolyl clubbed hydrazone scaffolds	Muluk, MB; Ubale, AS; Dhumal, ST; Rehman, NNMA; Dixit, PP; Kharat, KK; Choudhari, PB; Haval, KP	SYNTHETIC COMMUNICATIONS	2020	0039-7911	http://dx.doi.org/10.1080/00397911.2019.1692870	10.1080/00397911.2019.1692870	29
Physicochemical and Optical Properties of Dispersed Zinc Oxide Nanoparticles with Polymers in Water at Room Temperature	Alameen, AS; Yaseen, SA; Saif, FA; Undre, SB; Undre, PB	INTEGRATED FERROELECTRICS	2019	1058-4587	http://dx.doi.org/10.1080/10584587.2019.1674836	10.1080/10584587.2019.1674836	25
Doping Effect of Fe Ions on the Structural, Electrical, and Magnetic Properties of SrTiO3 Nanoceramic Matrix	Bhoyar, DN; Kounsalye, JS; Khirade, PP; Pandit, AA; Jadhav, KM	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2019	1557-1939	http://dx.doi.org/10.1007/s10948-018-4817-2	10.1007/s10948-018-4817-2	49

Approximate Method for Solving System of Linear Fredholm Fractional Integro-Differential Equations Using Least Squares Method and Lauguerre Polynomials	Goud, PM; Nanware, JA; Holambe, TL; Jadhav, NB	COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS	2023	0976-5905	http://dx.doi.org/10.26713/cma.v14i1.2007	10.26713/cma.v14i1.2007	11
Tuning optical properties of cadmium thiourea acetate nonlinear optical crystal exploiting organic ligand of L-proline	Kulkarni, RB; Anis, M; Hussaini, SS; Shirsat, MD	MODERN PHYSICS LETTERS B	2019	0217-9849	http://dx.doi.org/10.1142/S0217984918504249	10.1142/S0217984918504249	46
Heavy metal ions removal from waste water bythe natural zeolites	Obaid, SS; Gaikwad, DK; Sayyed, MI; AL-Rashdi, K; Pawar, PP	MATERIALS TODAY-PROCEEDINGS	2018	2214-7853	http://dx.doi.org/10.1016/j.matpr.2018.06.122	10.1016/j.matpr.2018.06.122	17
CAL-B accelerated novel synthetic protocols for 3,3'-arylidenebis-4-hydroxycoumarins and dimethyl ((substituted phenyl) (phenylamino)methyl) phosphonates	Chavan, AS; Kharat, AS; Bhosle, MR; Dhumal, ST; Mane, RA	RESEARCH ON CHEMICAL INTERMEDIATES	2021	0922-6168	http://dx.doi.org/10.1007/s11164-021-04535-2	10.1007/s11164-021-04535-2	83

Novel isoniazid embedded triazole derivatives: Synthesis, antitubercular and antimicrobial activity evaluation	Patil, PS; Kasare, SL; Haval, NB; Khedkar, VM; Dixit, PP; Rekha, EM; Sriram, D; Haval, KP	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2020	0960-894X	http://dx.doi.org/10.1016/j.bmcl.2020.127434	10.1016/j.bmcl.2020.127434	40
Low-cost Fabrication of Zn-doped MnFe2O4 (Mn0.5Zn0.5Fe2O4) Film for H2S Gas Sensing Applications	Kharat, PB; Somvanshi, SB; Somwanshi, SB; Mopari, AM	MACROMOLECULAR SYMPOSIA	2021	1022-1360	http://dx.doi.org/10.1002/masy.202100147	10.1002/masy.202100147	19
Ethylenediaminetetra Acetic Acid Functionalized Polyaniline Nanowires: Organic Field Effect Transistor for the Detection of Hg2+	Mahadik, M; Bodkhe, G; Ingle, N; Sayyad, P; Al-Gahouari, T; Shirsat, SM; Datta, K; Shirsat, MD	JOURNAL OF ELECTRONIC MATERIALS	2021	0361-5235	http://dx.doi.org/10.1007/s11664-020-08723-5	10.1007/s11664-020-08723-5	46
Electrocatalytic and catalytic CO2 hydrogenation on ZnO/g-C3N4 hybrid nanoelectrodes	Mulik, BB; Bankar, BD; Munde, AV; Chavan, PP; Biradar, AV; Sathe, BR	APPLIED SURFACE SCIENCE	2021	0169-4332	http://dx.doi.org/10.1016/j.apsusc.2020.148120	10.1016/j.apsusc.2020.148120	58

Alysicarpus bhuibavadensis (Fabaceae) a new species from Western Ghats of India	Dalavi, JV; Bramhadande, S; Pokle, D; Yadav, S	PHYTOTAXA	2019	1179-3155	http://dx.doi.org/10.11646/phytotaxa.427.4.7	10.11646/phytotaxa.427.4.7	26
Molecular Interaction Studies of Bromobenzene with Methoxyethanol and Ethoxyethanol	Saeed, YA; Undre, PB; Saif, FA; Yaseen, SA; Alameen, AS; Patil, SS; Khirade, PW	INTEGRATED FERROELECTRICS	2019	1058-4587	http://dx.doi.org/10.1080/10584587.2019.1674830	10.1080/10584587.2019.1674830	39
Intermolecular dispersion potential of cerium oxide nanoflakes with aqueous polymer and amino acids studied by using physicochemical and optical properties at 303.15 K	Yaseen, SA; Alameen, AS; Saif, FA; Undre, SB; Undre, PB	JOURNAL OF MOLECULAR LIQUIDS	2021	0167-7322	http://dx.doi.org/10.1016/j.molliq.2021.117113	10.1016/j.molliq.2021.117113	40
Multivariate Analysis of a Cobalt Octaethyl Porphyrin-Functionalized SWNT Microsensor Device for Selective and Simultaneous Detection of Multiple Analytes	Shirsat, SM; Bodkhe, GA; Sonawane, MM; Gawali, BW; Shirsat, MD	JOURNAL OF ELECTRONIC MATERIALS	2021	0361-5235	http://dx.doi.org/10.1007/s11664-021-09111-3	10.1007/s11664-021-09111-3	38

A chemiresistive gas sensor for sensitive detection of SO2 employing Ni-MOF modified -OH-SWNTs and -OH-MWNTs	Ingle, N; Sayyad, P; Deshmukh, M; Bodkhe, G; Mahadik, M; Al-Gahouari, T; Shirsat, S; Shirsat, MD	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2021	0947-8396	http://dx.doi.org/10.1007/s00339-021-04288-0	10.1007/s00339-021-04288-0	50
Chemiresistive SO2 sensor: graphene oxide (GO) anchored poly(3,4-ethylenedioxythiophene):poly(4styrenesulfonate) (PEDOT:PSS)	Sayyad, PW; Khan, SS; Ingle, NN; Bodkhe, GA; Al-Gahouari, T; Mahadik, MM; Shirsat, SM; Shirsat, MD	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2020	0947-8396	http://dx.doi.org/10.1007/s00339-020-04053-9	10.1007/s00339-020-04053-9	50
Location, expositions and synthesis in the region	Sengar, B; McMillin, LH	SPACES AND PLACES IN WESTERN INDIA: FORMATIONS AND DELINEATIONS	2020				27
FTIR and Dielectric Studies on Molecular Interaction between Chlorobenzene with 2-Methoxyethanol and 2-Ethoxyethanol	Ghaleb, JQ; Undre, PB; Yaseen, SA; Saif, FA; Alameen, AS; Patil, SS; Khirade, PW	INTEGRATED FERROELECTRICS	2019	1058-4587	http://dx.doi.org/10.1080/10584587.2019.1674827	10.1080/10584587.2019.1674827	37

Exploration of thermoacoustics behavior of water based nickel ferrite nanofluids by ultrasonic velocity method	Kharat, PB; More, SD; Somvanshi, SB; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2019	0957-4522	http://dx.doi.org/10.1007/s10854-019-00963-4	10.1007/s10854-019-00963-4	42
Design, Synthesis, In Vitro Antimicrobial, Antioxidant Evaluation, and Molecular Docking Study of Novel Benzimidazole and Benzoxazole Derivatives	Kashid, BB; Ghanwat, AA; Khedkar, VM; Dongare, BB; Shaikh, MH; Deshpande, PP; Wakchaure, YB	JOURNAL OF HETEROCYCLIC CHEMISTRY	2019	0022-152X	http://dx.doi.org/10.1002/jhet.3467	10.1002/jhet.3467	52
Facile, one step synthesis of non-toxic kesterite Cu2ZnSnS4 nanoflakes thin film by chemical bath deposition for solar cell application (vol 29, pg 5649, 2018)	Huse, NP; Dive, AS; Mahajan, SV; Sharma, R	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	0957-4522	http://dx.doi.org/10.1007/s10854-018-8648-5	10.1007/s10854-018-8648-5	1
An Experimental and Theoretical Study of Cu0.2Zn0.8S Thin Film Grown by Facile Chemical Bath Deposition As an Efficient Photosensor	Gubari, GMM; Mohammed, SMI; Huse, NP; Dive, AS; Sharma, R	JOURNAL OF ELECTRONIC MATERIALS	2018	0361-5235	http://dx.doi.org/10.1007/s11664-018-6491-3	10.1007/s11664-018-6491-3	30

Development of water based CuO-GO binary nanofluid and study the effects of volume fraction, temperature on thermal, rheological properties	Girhe, NB; Botewad, SN; Pawar, PP; Kadam, AB	PHYSICS AND CHEMISTRY OF LIQUIDS	2023	0031-9104	http://dx.doi.org/10.1080/00319104.2022.2133115	10.1080/00319104.2022.2133115	31
On Some Fractional Integral Inequalities Involving Caputo-Fabrizio Integral Operator	Chinchane, VL; Nale, AB; Panchal, SK; Chesneau, C	AXIOMS	2021		http://dx.doi.org/10.3390/axioms10040255	10.3390/axioms10040255	34
Prevalence of β-lactamase and antibiotic-resistant Pseudomonas aeruginosa in the Arab region	Nasser, M; Gayen, S; Kharat, AS	JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE	2020	2213-7165	http://dx.doi.org/10.1016/j.jgar.2020.01.011	10.1016/j.jgar.2020.01.011	41
A DFT investigation on transition metal (Co, Cr, Cu, Mn, Mo and Nb)-doped bismuth ferrite oxide (BiFeO3) for CO gas adsorption	Sambare, AA; Pawar, R; Shirsat, M	THEORETICAL CHEMISTRY ACCOUNTS	2023	1432-881X	http://dx.doi.org/10.1007/s00214-023-03000-0	10.1007/s00214-023-03000-0	30
Exploring the antioxidant potential of bis-1,2,3-triazolyl-N-phenylacetamides	Deshmukh, TR; Khedkar, VM; Sangshetti, JN; Shingate, BB	RESEARCH ON CHEMICAL INTERMEDIATES	2023	0922-6168	http://dx.doi.org/10.1007/s11164-022-04915-2	10.1007/s11164-022-04915-2	45

Intermolecular interactions of ZnO nanodispersion with aqueous polyethylene glycol via physicochemical and optical study	Alameen, AS; Yaseen, SA; Saif, FA; Undre, SB; Undre, PB	BULLETIN OF MATERIALS SCIENCE	2022	0250-4707	http://dx.doi.org/10.1007/s12034-022-02721-5	10.1007/s12034-022-02721-5	57
Multimodal plant recognition through hybrid feature fusion technique using imaging and non-imaging hyper-spectral data	Salve, P; Yannawar, P; Sardesai, M	JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES	2022	1319-1578	http://dx.doi.org/10.1016/j.jksuci.2018.09.018	10.1016/j.jksuci.2018.09.018	21
RETRACTED: Development of Integrated Neural Network Model for Identification of Fake Reviews in E-Commerce Using Multidomain Datasets (Retracted article. See vol. 2023, 2023)	Alsubari, SN; Deshmukh, SN; Al-Adhaileh, MH; Alsaade, FW; Aldhyani, THH	APPLIED BIONICS AND BIOMECHANICS	2021	1176-2322	http://dx.doi.org/10.1155/2021/5522574	10.1155/2021/5522574	32

Determination of Haematological Effects of Extracts of Reseda sphenocleoides Leaves in Albino Rats Infected with Entamoeba histolytica	Mehdi, MAH; Pradhan, V; Farooqui, M; Alarabi, FYS; Omar, GMN	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2021	0019-5464	http://dx.doi.org/10.5530/ijper.55.2.81	10.5530/ijper.55.2.81	26
Effect of Annealing Temperature on Structural, Morphological, Optical and Magnetic Properties of NiFe2 O 4 Thin Films	Chavan, AR; Chilwar, RR; Kharat, PB; Jadhav, KM	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2018	1557-1939	http://dx.doi.org/10.1007/s10948-018-4565-3	10.1007/s10948-018-4565-3	39
Effect of Zn2+-Cr3+ substitution on structural, morphological, magnetic and electrical properties of NiFe2O4 ferrite nanoparticles	Mande, VK; Bhoyar, DN; Vyawahare, SK; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	0957-4522	http://dx.doi.org/10.1007/s10854-018-9668-x	10.1007/s10854-018-9668-x	49

Development of water-based CuO/GO/MWCNT ternary nanofluid and comparative study of thermal conductivity and viscosity with CuO, GO, MWCNTs mono nanofluids	Girhe, N; Botewad, S; Pawar, P; Kadam, A	INDIAN JOURNAL OF PHYSICS	2023	0973-1458	http://dx.doi.org/10.1007/s12648-022-02487-w	10.1007/s12648-022-02487-w	41
EDTA Modified PANI/GO Composite Based Detection of Hg (II) Ions	Mahadik, M; Patil, H; Bodkhe, G; Ingle, N; Sayyad, P; Al-Gahaouri, T; Shirsat, SM; Shirsat, M	FRONTIERS IN MATERIALS	2020	2296-8016	http://dx.doi.org/10.3389/fmats.2020.00081	10.3389/fmats.2020.00081	38
Ultrasound assisted rapid synthesis, biological evaluation, and molecular docking study of new 1,2,3-triazolyl pyrano[2,3-c]pyrazoles as antifungal and antioxidant agent	Khare, SP; Deshmukh, TR; Sangshetti, JN; Khedkar, VM; Shingate, BB	SYNTHETIC COMMUNICATIONS	2019	0039-7911	http://dx.doi.org/10.1080/00397911.2019.1631849	10.1080/00397911.2019.1631849	67

Synthesis and Characterization of Structural, Morphological and Photosensor Properties of Cu0.1Zn0.9S Thin Film Prepared by a Facile Chemical Method	Gubari, GMM; Mohammed, SMI; Huse, NP; Dive, AS; Sharma, R	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032950	10.1063/1.5032950	9
Sensitive and selective detection of Cu2+ and Pb2+ ions using Field Effect Transistor (FET) based on L-Cysteine anchored PEDOT:PSS/rGO composite	Sayyad, PW; Ingle, NN; Al-Gahouari, T; Mahadik, MM; Bodkhe, GA; Shirsat, SM; Shirsat, MD	CHEMICAL PHYSICS LETTERS	2020	0009-2614	http://dx.doi.org/10.1016/j.cplett.2020.138056	10.1016/j.cplett.2020.138056	70
Development method of high-performance thin-layer chromatographic detection of synthetic organophosphate insecticide profenofos in visceral samples	Pawar, UD; Pawar, CD; Kulkarni, UK; Pardeshi, RK	JPC-JOURNAL OF PLANAR CHROMATOGRAPHY-MODERN TLC	2020	0933-4173	http://dx.doi.org/10.1007/s00764-020-00015-2	10.1007/s00764-020-00015-2	23
On λ-pseudo q-bi-starlike functions	Kamble, P; Shrigan, M; Altinkaya, S	TURKISH JOURNAL OF MATHEMATICS	2019	1300-0098	http://dx.doi.org/10.3906/mat-1810-80	10.3906/mat-1810-80	23

Design and synthesis of some new piritrexim analogs as potential anticancer agents	Warekar, PP; Patil, KT; Patil, PT; Sarkate, AP; Karnik, KS; Undare, SS; Kolekar, GB; Deshmukh, MB; Prabhu, S; Anbhule, PV	RESEARCH ON CHEMICAL INTERMEDIATES	2018	0922-6168	http://dx.doi.org/10.1007/s11164-017-3132-z	10.1007/s11164-017-3132-z	42
Spectroscopic Investigations Upon 100MeV Oxygen Ions Irradiation On Polyaniline And Poly-o-toluidine	Patil, HK; Deshmukh, MA; Bodkhe, GA; Asokan, K; Shirsat, MD	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5033006	10.1063/1.5033006	14
Structural, morphological and magnetic properties of pure and Ni-doped ZnO nanoparticles synthesized by sol-gel method	Undre, PG; Birajdar, SD; Kathare, RV; Jadhav, KM	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032530	10.1063/1.5032530	14

Effect of thermal annealing on an emissive layer containing a blend of a small molecule and polymer as host for application in OLEDs	Meer, BB; Sharma, D; Tak, S; Bisen, GG; Shirsat, MD; Girija, KG; Ghosh, SS	RSC ADVANCES	2023		http://dx.doi.org/10.1039/d3ra06271f	10.1039/d3ra06271f	24
Synthesis of Novel Hydrazones of Levofloxacin Related Molecule and their In Vitro evaluation as antioxidant, and Molecular Docking Studies	Kashid, BB; Kilbile, JT; Wani, KD; Pawar, SM; Khedkar, VM; Ghanwat, AA	COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING	2022	1386-2073	http://dx.doi.org/10.2174/1386207323666201229150734	10.2174/1386207323666201229150734	53
Free energy perturbation guided Synthesis with Biological Evaluation of Substituted Quinoline derivatives as small molecule L858R/T790M/C797S mutant EGFR inhibitors targeting resistance in Non-Small Cell Lung Cancer (NSCLC)	Karnik, KS; Sarkate, AP; Tiwari, SV; Azad, R; Wakte, PS	BIOORGANIC CHEMISTRY	2021	0045-2068	http://dx.doi.org/10.1016/j.bioorg.2021.105226	10.1016/j.bioorg.2021.105226	47

Sulfur Dioxide (SO2) Detection Using Composite of Nickel Benzene Carboxylic (Ni3BTC2) and OH-Functionalized Single Walled Carbon Nanotubes (OH-SWNTs)	Ingle, N; Mane, S; Sayyad, P; Bodkhe, G; AL-Gahouari, T; Mahadik, M; Shirsat, S; Shirsat, MD	FRONTIERS IN MATERIALS	2020	2296-8016	http://dx.doi.org/10.3389/fmats.2020.00093	10.3389/fmats.2020.00093	33
Dextrose Assisted Sol-gel Auto Combustion Synthesis and Magnetic Characterizations of Cobalt Ferrite Nanoparticles	Bhagwat, VR; Khedkar, MV; Kulkarni, G; Kharat, PB; Jadhav, KM	DAE SOLID STATE PHYSICS SYMPOSIUM 2019	2020	0094-243X	http://dx.doi.org/10.1063/5.0017310	10.1063/5.0017310	9
A definitive method for distinguishing cultivated onion from its weedy mimic, Asphodelus fistulosus, at multiple developmental stages	Ughade, BR; Khilare, VC; Sangale, DM; Korhale, GA; Ingle, P; Tathe, AE; Patil, R; Khedkar, GD	WEED RESEARCH	2019	0043-1737	http://dx.doi.org/10.1111/wre.12337	10.1111/wre.12337	50
Pragmatic Failure in the Realization of the Speech act of Responding to Compliments among Yemeni EFL Undergraduates	Al-Ghamdi, NA; Almansoob, NT; Alrefaee, Y	3L-LANGUAGE LINGUISTICS LITERATURE-THE SOUTHEAST ASIAN JOURNAL OF ENGLISH LANGUAGE STUDIES	2019	0128-5157	http://dx.doi.org/10.17576/3L-2019-2504-14	10.17576/3L-2019-2504-14	41

Attenuation coefficients and exposure buildup factor of some rocks for gamma ray shielding applications	Obaid, SS; Sayyed, MI; Gaikwad, DK; Pawar, PP	RADIATION PHYSICS AND CHEMISTRY	2018	0969-806X	http://dx.doi.org/10.1016/j.radphyschem.2018.02.026	10.1016/j.radphyschem.2018.02.026	56
SILAR-deposited manganese doped zinc oxide thin films for NO2 gas detection applications	Abood, NT; Sable, PB; Dharne, GM	PHASE TRANSITIONS	2023	0141-1594	http://dx.doi.org/10.1080/01411594.2023.2179921	10.1080/01411594.2023.2179921	46
High carrier mobility and environmentally stable microporous zeolite imidazolate framework (ZIF-67): A field-effect transistor (FET) approach	Sayyad, PW; Farooqui, AA; Ingle, NN; Al-Gahouari, T; Bodkhe, GA; Mahadik, MM; Shirsat, SM; Shirsat, MD	CHEMICAL PHYSICS LETTERS	2021	0009-2614	http://dx.doi.org/10.1016/j.cplett.2021.138690	10.1016/j.cplett.2021.138690	49
Structural, magnetic and catalytical properties of cobalt ferrite nanoparticles dispersed in silica matrix	Bardapurkar, PP; Shewale, SS; Barde, NP; Jadhav, KM	MATERIALS RESEARCH EXPRESS	2019	2053-1591	http://dx.doi.org/10.1088/2053-1591/aafe32	10.1088/2053-1591/aafe32	39

Use of Cupric Ferrocyanide Reagent for the Thin-Layer Chromatographic Detection of Organophosphate insecticide Profenophos	Pawar, UD; Pawar, CD; Kulkarni, UK; Pardeshi, RK; Shinde, DB	JPC-JOURNAL OF PLANAR CHROMATOGRAPHY-MODERN TLC	2018	0933-4173	http://dx.doi.org/10.1556/1006.2018.31.5.9	10.1556/1006.2018.31.5.9	19
Different property studies with network improvement of CdO doped alkali borate glass	Hivrekar, MM; Sable, DB; Solunke, MB; Jadhav, KM	JOURNAL OF NON-CRYSTALLINE SOLIDS	2018	0022-3093	http://dx.doi.org/10.1016/j.jnoncrysol.2018.03.051	10.1016/j.jnoncrysol.2018.03.051	54
Polya-Szego Integral Inequalities Using the Caputo-Fabrizio Approach	Nale, AB; Chinchane, VL; Panchal, SK; Chesneau, C	AXIOMS	2022		http://dx.doi.org/10.3390/axioms11020079	10.3390/axioms11020079	34
Temperature of the disc integrated sunlight from the intensity measurements of rotational lines of the bands of A-X system of CH molecule	Behere, S; Deshmukh, B; Patil, S; Behere, SH	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	2018	0019-5596			35

Facile, one step synthesis of non-toxic kesterite Cu2ZnSnS4 nanoflakes thin film by chemical bath deposition for solar cell application	Huse, NP; Dive, AS; Mahajan, SV; Sharma, R	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	0957-4522	http://dx.doi.org/10.1007/s10854-018-8534-1	10.1007/s10854-018-8534-1	52
Effect of protein enrichment on quality characteristics and glycemic index of gluten free sweet potato (Ipomoea batatas L.) spaghetti	Giri, NA; Sakhale, BK	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE	2022	0022-1155	http://dx.doi.org/10.1007/s13197-021-05257-4	10.1007/s13197-021-05257-4	37
Microstructure, magnetic properties of Ho3+ substituted Ni-Cu-Zn spinel ferrites and application for one pot synthesis of dihydropyrimidinones	Mandle, UM; Tigote, RM; Lohar, KS; Shinde, BL	MATERIALS TODAY-PROCEEDINGS	2021	2214-7853	http://dx.doi.org/10.1016/j.matpr.2021.04.027	10.1016/j.matpr.2021.04.027	40

Dispersion and Optical Activities of Copper (II) Metal Oxide Nanoparticles with Polyethylene Glycol in Aqueous Medium Studied with Physicochemical Properties and UV-Vis Spectrophotometry	Yaseen, SA; Alameen, AS; Saif, FA; Undre, SB; Khirade, PW; Undre, PB	INTEGRATED FERROELECTRICS	2020	1058-4587	http://dx.doi.org/10.1080/10584587.2019.1675009	10.1080/10584587.2019.1675009	30
Development of a New Chromogenic Reagent for the Detection of Organophosphorus Herbicide Glyphosate in Biological Samples	Pawar, UD; Pawar, CD; Mavle, RR; Pardeshi, RK	JPC-JOURNAL OF PLANAR CHROMATOGRAPHY-MODERN TLC	2019	0933-4173	http://dx.doi.org/10.1556/1006.2019.32.5.12	10.1556/1006.2019.32.5.12	27
Revisiting the taxonomy of Abutilon australiense (Malvaceae), a little known species of peninsular India	Nimbalkar, VV; Nandikar, MD; Sardesai, MM	PHYTOTAXA	2019	1179-3155	http://dx.doi.org/10.11646/phytotaxa.413.3.6	10.11646/phytotaxa.413.3.6	27
Temperature Dependent Viscosity of Cobalt Ferrite/Ethylene Glycol Ferrofluids	Kharat, PB; Somvanshi, SB; Kounsalye, JS; Deshmukh, SS; Khirade, PP; Jadhav, KM	62ND DAE SOLID STATE PHYSICS SYMPOSIUM	2018	0094-243X	http://dx.doi.org/10.1063/1.5028675	10.1063/1.5028675	10

Preparation and Study of Ni7+ Swift Heavy Ions Irradiation on Mn doped ZnO Thin Films	Khawal, HA; Raskar, ND; Dole, BN	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032518	10.1063/1.5032518	5
On Fractional Inequalities Using Generalized Proportional Hadamard Fractional Integral Operator	Chinchane, VL; Nale, AB; Panchal, SK; Chesneau, C; Khandagale, AD	AXIOMS	2022		http://dx.doi.org/10.3390/axioms11060266	10.3390/axioms11060266	57
Surface Functionalized Superparamagnetic Zn-Mg Ferrite Nanoparticles for Magnetic Hyperthermia Application Towards Noninvasive Cancer Treatment	Somvanshi, SB; Kharat, PB; Jadhav, KM	MACROMOLECULAR SYMPOSIA	2021	1022-1360	http://dx.doi.org/10.1002/masy.202100124	10.1002/masy.202100124	28
Investigation of Structural, Morphological and Opto-electronic Properties of CdS Quantum Dot Thin Film	Mohammed, SMI; Gubari, GMM; Huse, NP; Dive, AS; Sharma, R	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5033009	10.1063/1.5033009	17

Does Gender Influence Investment Choice? A Psychosomatic Study of GCC Entrepreneurs	Khan, MAI; Jamil, SA; Khan, SS; Ali, MM	JOURNAL OF ASIAN FINANCE ECONOMICS AND BUSINESS	2022	2288-4637	http://dx.doi.org/10.13106/jafeb.2022.vol9.no4.0299	10.13106/jafeb.2022.vol9.no4.0299	16
Reflux temperature-dependent zinc cobaltite nanostructures for asymmetric supercapacitors	Kamble, GP; Kashale, AA; Kolekar, SS; Chen, IWP; Sathe, BR; Ghule, AV	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	0957-4522	http://dx.doi.org/10.1007/s10854-021-05306-w	10.1007/s10854-021-05306-w	41
On a comprehensive model of the novel coronavirus (COVID-19) under Mittag-Leffler derivative	Abdo, MS; Shah, K; Wahash, HA; Panchal, SK	CHAOS SOLITONS & FRACTALS	2020	0960-0779	http://dx.doi.org/10.1016/j.chaos.2020.109867	10.1016/j.chaos.2020.109867	36
Impact of country-level corporate governance on entrepreneurial conditions	Al Maqatari, FA; Farhan, NH; Al-httami, HM; Khalid, ASD	COGENT BUSINESS & MANAGEMENT	2020	2331-1975	http://dx.doi.org/10.1080/23311975.2020.1797261	10.1080/23311975.2020.1797261	99
Structural and Magnetic properties of Nanocrystalline NiFe2O4 Thin Film prepared by Spray Pyrolysis Technique	Chavan, AR; Chilwar, RR; Shisode, MV; Hivrekar, MM; Mande, VK; Jadhav, KM	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5033122	10.1063/1.5033122	14

Synthesis and Antimicrobial Activity of New Carbohydrazide Bearing Quinoline Scaffolds in Silico ADMET and Molecular Docking Studies	Nipate, AS; Jadhav, CK; Chate, AV; Dixit, PP; Sharma, P; Gill, CH	POLYCYCLIC AROMATIC COMPOUNDS	2024	1040-6638	http://dx.doi.org/10.1080/10406638.2023.2194653	10.1080/10406638.2023.2194653	49
Novel CAL-B catalyzed synthetic protocols for pyridodipyrimidines and mercapto oxadiazoles	Chavan, AS; Kharat, AS; Bhosle, MR; Dhumal, ST; Mane, RA	JOURNAL OF CHEMICAL SCIENCES	2022	0974-3626	http://dx.doi.org/10.1007/s12039-022-02116-3	10.1007/s12039-022-02116-3	51
Hydrogen Bonding Interaction between Amide and Alcohols: Dielectric Relaxation and FTIR Study	Saif, FA; Undre, PB; Yaseen, SA; Alameen, AS; Patil, SS; Khirade, PW	INTEGRATED FERROELECTRICS	2019	1058-4587	http://dx.doi.org/10.1080/10584587.2019.1674826	10.1080/10584587.2019.1674826	39
SYNTHESIS AND COMPARATIVE STUDY OF NANO ZINC OXIDE STRUCTURES WITH AND WITHOUT CETYLTRIMETHYLAMMONIUM BROMIDE USING SOL-GEL METHOD	Godse, JS; Gaikwad, SB; Bhise, VB; Gaikwad, ST; Pawar, RP; Ubale, SB	HETEROCYCLIC LETTERS	2019	2231-3087			18

Synthesis, antitubercular evaluation and molecular docking studies of phthalimide bearing 1,2,3-triazoles	Phatak, PS; Bakale, RD; Dhumal, ST; Dahiwade, LK; Choudhari, PB; Krishna, VS; Sriram, D; Haval, KP	SYNTHETIC COMMUNICATIONS	2019	0039-7911	http://dx.doi.org/10.1080/00397911.2019.1614630	10.1080/00397911.2019.1614630	35
Automatic Leukemia Identification System Using Otsu Image segmentation and MSER Approach for Microscopic Smear Image Database	Rege, MV; Abdulkareem, MB; Gaikwad, S; Gawli, BW	PROCEEDINGS OF THE 2018 SECOND INTERNATIONAL CONFERENCE ON INVENTIVE COMMUNICATION AND COMPUTATIONAL TECHNOLOGIES (ICICCT)	2018				23
Water mediated and Baker's yeast accelerated novel synthetic protocols for tetrahydrobenzo[a]xanthene-11-ones and pyrazolo[3,4-b]quinolines	Chavan, AS; Kharat, AS; Bhosle, MR; Dhumal, ST; Mane, RA	SYNTHETIC COMMUNICATIONS	2021	0039-7911	http://dx.doi.org/10.1080/00397911.2021.1913606	10.1080/00397911.2021.1913606	61

Efficient Rapid Access to Biginelli for the Multicomponent Synthesis of 1,2,3,4-Tetrahydropyrimidines in Room-Temperature Diisopropyl Ethyl Ammonium Acetate	Jadhav, CK; Nipate, AS; Chate, AV; Songire, VD; Patil, AP; Gill, CH	ACS OMEGA	2019	2470-1343	http://dx.doi.org/10.1021/acsomega.9b02286	10.1021/acsomega.9b02286	51
Solution for System Of Fractional Partial Differential Equations	Dhaigude, DB; Kanade, SN; Dhaigude, CD	APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL	2018	1932-9466			30
Dielectric and Spectroscopic Study of Binary Mixture of Acrylonitrile with Chlorobenzene	Deshmukh, SD; Pattebahadur, KL; Mohod, AG; Undre, PB; Patil, SS; Khirade, PW	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032694	10.1063/1.5032694	10
The influence of accounting information system on management control effectiveness: The perspective of SMEs in Yemen	Al-Hattami, HM; Kabra, JD	INFORMATION DEVELOPMENT	2024	0266-6669	http://dx.doi.org/10.1177/02666669221087184	10.1177/02666669221087184	126

Identification and characterization of Aspergillus species of fruit rot fungi using microscopy, FT-IR, Raman and UV-Vis spectroscopy	Saif, FA; Yaseen, SA; Alameen, AS; Mane, SB; Undre, PB	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2021	1386-1425	http://dx.doi.org/10.1016/j.saa.2020.119010	10.1016/j.saa.2020.119010	60
Classification of complex environments using pixel level fusion of satellite data	Vibhute, AD; Kale, KV; Gaikwad, SV; Dhumal, RK; Nagne, AD; Varpe, AB; Nalawade, DB; Mehrotra, SC	MULTIMEDIA TOOLS AND APPLICATIONS	2020	1380-7501	http://dx.doi.org/10.1007/s11042-020-08978-4	10.1007/s11042-020-08978-4	36
New 1,2,3-Triazole-Tethered Thiazolidinedione Derivatives: Synthesis, Bioevaluation and Molecular Docking Study	Shaikh, MH; Subhedar, DD; Akolkar, SV; Nagargoje, AA; Asrondkar, A; Khedkar, VM; Shingate, BB	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2022.2069132	10.1080/10406638.2022.2069132	63
Classification of land use/land cover using artificial intelligence (ANN-RF)	Alshari, EA; Abdulkareem, MB; Gawali, BW	FRONTIERS IN ARTIFICIAL INTELLIGENCE	2023		http://dx.doi.org/10.3389/frai.2022.964279	10.3389/frai.2022.964279	86

Effect of Mg Doping on the Structural, Optical and NO2-sensing Properties of ZnO Thin Films Prepared by Modified SILAR Method	Abood, NT; Sable, PB; Yassen, J; Dharne, GM	E-JOURNAL OF SURFACE SCIENCE AND NANOTECHNOLOGY	2023	1348-0391	http://dx.doi.org/10.1380/ejssnt.2023-029	10.1380/ejssnt.2023-029	40
Score and Correlation Coefficient-Based Feature Selection for Predicting Heart Failure Diagnosis by Using Machine Learning Algorithms	Senan, EM; Abunadi, I; Jadhav, ME; Fati, SM	COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE	2021	1748-670X	http://dx.doi.org/10.1155/2021/8500314	10.1155/2021/8500314	39
Existence and Ulam-Hyers stability results of a coupled system of ψ-Hilfer sequential fractional differential equations	Almalahi, MA; Abdo, MS; Panchal, SK	RESULTS IN APPLIED MATHEMATICS	2021	2590-0374	http://dx.doi.org/10.1016/j.rinam.2021.100142	10.1016/j.rinam.2021.100142	45
Synthesis of Nanocrystalline Nickel Ferrite through Soft Chemistry Method: a Green Chemistry Approach using Ginger Extract	Patil, SV; Kshirsagar, A; Andhare, DD; Patade, SR; Kulkarni, GD; Jadhav, KM	DAE SOLID STATE PHYSICS SYMPOSIUM 2019	2020	0094-243X	http://dx.doi.org/10.1063/5.0017071	10.1063/5.0017071	7

Dielectric and Conformational studies of hydrogen bonded 2-ethoxyethanol and ethyl methyl ketone system	Pattebahadur, KL; Deshmukh, SD; Mohod, AG; Undre, PB; Patil, SS; Khirade, PW	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032693	10.1063/1.5032693	9
Advanced Prediction of Crop Diseases Using Cetalatran-Optimized Deep KNN in Multispectral Imaging	Gaikwad, VP; Musande, V	TRAITEMENT DU SIGNAL	2023	0765-0019	http://dx.doi.org/10.18280/ts.400325	10.18280/ts.400325	30
Deep and Hybrid Learning Technique for Early Detection of Tuberculosis Based on X-ray Images Using Feature Fusion	Fati, SM; Senan, EM; ElHakim, N	APPLIED SCIENCES-BASEL	2022		http://dx.doi.org/10.3390/app12147092	10.3390/app12147092	53
Dielectric Constant, Density, and Refractive Index in Binary Mixtures of Ethanol with N,N-Dimethylformamide at 293.15 K	Navarkhele, AV; Sakhare, RS; Vijayendraswamy, SM; Navarkhele, VV	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2022	0036-0244	http://dx.doi.org/10.1134/S0036024422050235	10.1134/S0036024422050235	24
Synthesis, microstructure and magnetic properties of Co2+ and Al3+ substituted La-Zn nano ferrites	Mandle, UM; Dhale, LA; Tigote, RM; Lohar, KS; Shinde, BL	FERROELECTRICS	2021	0015-0193	http://dx.doi.org/10.1080/00150193.2021.1984766	10.1080/00150193.2021.1984766	41

Contribution in PCE enhancement: numerical designing and optimization of SnS thin film solar cell	Kutwade, VV; Gattu, KP; Sonawane, ME; Tonpe, DA; Mishra, MK; Sharma, R	JOURNAL OF NANOPARTICLE RESEARCH	2021	1388-0764	http://dx.doi.org/10.1007/s11051-021-05259-5	10.1007/s11051-021-05259-5	33
Dielectric and Physiochemical Study of Binary Mixture of Nitrobenzene with Toluene	Mohod, AG; Deshmukh, SD; Pattebahadur, KL; Undre, PB; Patil, SS; Khirade, PW	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032724	10.1063/1.5032724	15
Design, Synthesis, Molecular Docking and Antioxidant Evaluation of Benzimidazole-1,3,4 oxadiazole Derivatives	Bhandari, SV; Nagras, OG; Kuthe, PV; Sarkate, AP; Waghamare, KS; Pansare, DN; Chaudhari, SY; Mawale, SN; Belwate, MC	JOURNAL OF MOLECULAR STRUCTURE	2023	0022-2860	http://dx.doi.org/10.1016/j.molstruc.2022.134747	10.1016/j.molstruc.2022.134747	48
Early Diagnosis of Oral Squamous Cell Carcinoma Based on Histopathological Images Using Deep and Hybrid Learning Approaches	Fati, SM; Senan, EM; Javed, Y	DIAGNOSTICS	2022		http://dx.doi.org/10.3390/diagnostics12081899	10.3390/diagnostics12081899	39

Static Dielectric Constants, Densities, Refractive Indices and Related Properties of Binary Mixtures at Various Temperatures Under Atmospheric Pressure	Navarkhele, AV; Navarkhele, VV	INTERNATIONAL JOURNAL OF THERMODYNAMICS	2022	1301-9724	http://dx.doi.org/10.5541/ijot.1017174	10.5541/ijot.1017174	29
Ocean atmospheric processes over Bay of Bengal during two contrasting northeast monsoon onsets	Shende, KV; Kumar, MRR; Kale, KV	INDIAN JOURNAL OF GEO-MARINE SCIENCES	2020	0379-5136			20
Ultrasound-Assisted β-Cyclodextrin Catalyzed One-Pot Cascade Synthesis of Pyrazolopyranopyrimidines in Water	Akolkar, SV; Kharat, ND; Nagargoje, AA; Subhedar, DD; Shingate, BB	CATALYSIS LETTERS	2020	1011-372X	http://dx.doi.org/10.1007/s10562-019-02968-4	10.1007/s10562-019-02968-4	88
New 1,2,3-triazole-linked tetrahydrobenzo[b]pyran derivatives: Facile synthesis, biological evaluation and molecular docking study	Khare, SP; Deshmukh, TR; Akolkar, SV; Sangshetti, JN; Khedkar, VM; Shingate, BB	RESEARCH ON CHEMICAL INTERMEDIATES	2019	0922-6168	http://dx.doi.org/10.1007/s11164-019-03906-0	10.1007/s11164-019-03906-0	60

Highly Dispersed Core-Shell Ni@NiO Nanoparticles Embedded on Carbon-Nitrogen Nanotubes as Efficient Electrocatalysts for Enhancing Urea Oxidation Reaction	Sanke, DM; Munde, AV; Bezboruah, J; Bhattad, PT; Sathe, BR; Zade, SS	ENERGY & FUELS	2023	0887-0624	http://dx.doi.org/10.1021/acs.energyfuels.2c04377	10.1021/acs.energyfuels.2c04377	45
Design, synthesis, biological evaluation and in silico studies of EGFR inhibitors based on 4-oxo-chromane scaffold targeting resistance in non-small cell lung cancer (NSCLC)	Karnik, KS; Sarkate, AP; Tiwari, S; Azad, R; Wakte, PS	MEDICINAL CHEMISTRY RESEARCH	2022	1054-2523	http://dx.doi.org/10.1007/s00044-022-02929-4	10.1007/s00044-022-02929-4	44
Phase transformation, morphology, DC electrical resistivity and dielectric properties investigations of properties of manganese doped barium titanate nanoparticles	More, SP; Jadhav, SA; Patade, SR; Gopale, SB; Topare, RJ; Jadhav, KM	JOURNAL OF CRYSTAL GROWTH	2022	0022-0248	http://dx.doi.org/10.1016/j.jcrysgro.2022.126588	10.1016/j.jcrysgro.2022.126588	42

Deep Learning and Machine Learning Techniques of Diagnosis Dermoscopy Images for Early Detection of Skin Diseases	Abunadi, I; Senan, EM	ELECTRONICS	2021		http://dx.doi.org/10.3390/electronics10243158	10.3390/electronics10243158	52
Microwave-Assisted Copper Slag-Catalyzed GreenS-Arylation of Arenethiols with Arylboronic Acids	Sarkate, AP; Gavane, DS; Kale, BD; Karnik, KS; Narula, IS; Khandare, AL; Rajhans, AP; Jambhorkar, VS	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2020	1070-4280	http://dx.doi.org/10.1134/S1070428020070026X	10.1134/S1070428020070026X	18
Development of triple mutant T790M/C797S allosteric EGFR inhibitors: a computational approach	Karnik, KS; Sarkate, AP; Lokwani, DK; Narula, IS; Burra, PVLS; Wakte, PS	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2021	0739-1102	http://dx.doi.org/10.1080/07391102.2020.1786460	10.1080/07391102.2020.1786460	46
Preparation and characterisations of magnetic nanofluid of zinc ferrite for hyperthermia	Patade, SR; Andhare, DD; Somvanshi, SB; Kharat, PB; More, SD; Jadhav, KM	NANOMATERIALS AND ENERGY	2020	2045-9831	http://dx.doi.org/10.1680/jnaen.19.00006	10.1680/jnaen.19.00006	41

Structural and dynamics study of polar liquid mixtures by dielectric and FTIR spectroscopic characterizations	Deshmukh, SD; Pattebahadur, KL; Mohod, AG; Patil, SS; Khirade, PW	JOURNAL OF MOLECULAR LIQUIDS	2020	0167-7322	http://dx.doi.org/10.1016/j.molliq.2019.111819	10.1016/j.molliq.2019.111819	47
Catalytic reduction of p-nitrophenol and methylene blue by microbiologically synthesized silver nanoparticles	Rajegaonkar, PS; Deshpande, BA; More, MS; Waghmare, SS; Sangawe, VV; Inamdar, A; Shirsat, MD; Adhapure, NN	MATERIALS SCIENCE AND ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2018	0928-4931	http://dx.doi.org/10.1016/j.msec.2018.08.025	10.1016/j.msec.2018.08.025	40
Utility of neutralization test for laboratory diagnosis of suspected mumps	Vaidya, SR; Hamde, VS; Kumbhar, NS; Walimbe, AM	MICROBIOLOGY AND IMMUNOLOGY	2018	0385-5600	http://dx.doi.org/10.1111/1348-0421.12576	10.1111/1348-0421.12576	18
Oxadiazole: A highly versatile scaffold in drug discovery	Desai, N; Monapara, J; Jethawa, A; Khedkar, V; Shingate, B	ARCHIV DER PHARMAZIE	2022	0365-6233	http://dx.doi.org/10.1002/ardp.202200123	10.1002/ardp.202200123	159

Multi-Method Diagnosis of Blood Microscopic Sample for Early Detection of Acute Lymphoblastic Leukemia Based on Deep Learning and Hybrid Techniques	Abunadi, I; Senan, EM	SENSORS	2022		http://dx.doi.org/10.3390/s22041629	10.3390/s22041629	46
Copper fluorapatite assisted synthesis of new 1,2,3-triazoles bearing a benzothiazolyl moiety and their antibacterial and anticancer activities	Dhumal, ST; Deshmukh, AR; Kharat, KR; Sathe, BR; Chavan, SS; Mane, RA	NEW JOURNAL OF CHEMISTRY	2019	1144-0546	http://dx.doi.org/10.1039/c9nj00377k	10.1039/c9nj00377k	63
Design, synthesis and antitubercular assessment of 1, 2, 3-triazole incorporated thiazolylcarboxylate derivatives	Bakale, RD; Sulakhe, SM; Kasare, SL; Sathe, BP; Rathod, SS; Choudhari, PB; Rekha, EM; Sriram, D; Haval, KP	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2023	0960-894X	http://dx.doi.org/10.1016/j.bmcl.2023.129551	10.1016/j.bmcl.2023.129551	73
Theoretical modeling and optimization: Cd-free CTS/Zn(O,S)/ZnO thin film solar cell	Kutwade, VV; Gattu, KP; Sonawane, ME; Tonpe, DA; Mohammed, IMS; Sharma, R	MATERIALS TODAY COMMUNICATIONS	2021		http://dx.doi.org/10.1016/j.mtcomm.2021.102972	10.1016/j.mtcomm.2021.102972	65

Highly efficient manganese oxide decorated graphitic carbon nitrite electrocatalyst for reduction of CO2 to formate	Mulik, BB; Munde, AV; Bankar, BD; Biradar, AV; Sathe, BR	CATALYSIS TODAY	2021	0920-5861	http://dx.doi.org/10.1016/j.cattod.2020.12.008	10.1016/j.cattod.2020.12.008	54
Design, Synthesis and Biological Evaluation of Tetrahydrodibenzo[b,g][1,8]napthyridinones as Potential Anticancer Agents and Novel Aurora Kinases Inhibitors	Chate, AV; Tagad, PA; Bondle, GM; Sarkate, AP; Tiwari, SV; Azad, R	CHEMISTRYSELECT	2021	2365-6549	http://dx.doi.org/10.1002/slct.202004666	10.1002/slct.202004666	41
Selective Hg2+ sensor: rGO-blended PEDOT:PSS conducting polymer OFET	Sayyad, PW; Ingle, NN; Al-Gahouari, T; Mahadik, MM; Bodkhe, GA; Shirsat, SM; Shirsat, MD	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2021	0947-8396	http://dx.doi.org/10.1007/s00339-021-04314-1	10.1007/s00339-021-04314-1	62
ChemFET Sensor: nanorods of nickel-substituted Metal-Organic framework for detection of SO2	Ingle, N; Sayyad, P; Bodkhe, G; Mahadik, M; AL-Gahouari, T; Shirsat, S; Shirsat, MD	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2020	0947-8396	http://dx.doi.org/10.1007/s00339-020-03907-6	10.1007/s00339-020-03907-6	42

Effect of Zn doping on structural, magnetic and optical properties of cobalt ferrite nanoparticles synthesized via. Co-precipitation method	Andhare, DD; Patade, SR; Kounsalye, JS; Jadhav, KM	PHYSICA B-CONDENSED MATTER	2020	0921-4526	http://dx.doi.org/10.1016/j.physb.2020.412051	10.1016/j.physb.2020.412051	38
Classification of Plants Using Invariant Features and a Neural Network	Amlekar, MM; Ali, MMH; Gaikwad, AT	INFORMATION AND COMMUNICATION TECHNOLOGY FOR INTELLIGENT SYSTEMS, ICTIS 2018, VOL 2	2019	2190-3018	http://dx.doi.org/10.1007/978-981-13-1747-7_13	10.1007/978-981-13-1747-7_13	16
LC and LC-MS/MS studies for the identification and characterization of degradation products of acebutolol	Rakibe, U; Tiwari, R; Mahajan, A; Rane, V; Wakte, P	JOURNAL OF PHARMACEUTICAL ANALYSIS	2018	2095-1779	http://dx.doi.org/10.1016/j.jpha.2018.03.001	10.1016/j.jpha.2018.03.001	19
Synthesis of isoniazid-1,2,3-triazole conjugates: Antitubercular, antimicrobial evaluation and molecular docking study	Badar, AD; Sulakhe, SM; Muluk, MB; Rehman, NNMA; Dixit, PP; Choudhari, PB; Rekha, EM; Sriram, D; Haval, KP	JOURNAL OF HETEROCYCLIC CHEMISTRY	2020	0022-152X	http://dx.doi.org/10.1002/jhet.4072	10.1002/jhet.4072	47

Bismuth-Oxide-Decorated Graphene Oxide Hybrids for Catalytic and Electrocatalytic Reduction of CO2	Mulik, BB; Bankar, BD; Munde, AV; Biradar, AV; Sathe, BR	CHEMISTRY-A EUROPEAN JOURNAL	2020	0947-6539	http://dx.doi.org/10.1002/chem.202001589	10.1002/chem.202001589	58
Ferromagnetism in Cu2+ doped ZnO nanoparticles and their physical properties	Undre, PG; Kharat, PB; Kathare, RV; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2019	0957-4522	http://dx.doi.org/10.1007/s10854-019-00688-4	10.1007/s10854-019-00688-4	63
Synthesis and Photosensor study of as-grown CuZnO Thin Film by Facile Chemical Bath Deposition	Gubari, GMM; Mohammed, SMI; Huse, NP; Dive, AS; Sharma, R	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5033008	10.1063/1.5033008	8
Low temperature synthesis of In doped cobalt ferrite and investigations of structural, magnetic and dielectric properties	Bajaj, S; Andhare, DD; Jadhav, SA; Shinde, S	SOLID STATE COMMUNICATIONS	2023	0038-1098	http://dx.doi.org/10.1016/j.ssc.2022.115016	10.1016/j.ssc.2022.115016	25

Ionic liquid catalyzed one-pot multi-component synthesis of fusedpyridine derivatives:A strategyfor green and sustainable chemistry	Jadhav, CK; Nipate, AS; Chate, AV; Patil, AP; Gill, CH	JOURNAL OF HETEROCYCLIC CHEMISTRY	2020	0022-152X	http://dx.doi.org/10.1002/jhet.4135	10.1002/jhet.4135	42
Dicationic liquid mediated synthesis of tetrazoloquinolinyl methoxy phenyl 4-thiazolidinones and their antibacterial and antitubercular evaluation	Deshmukh, AR; Dhumal, ST; Nawale, LU; Khedkar, VM; Sarkar, D; Mane, RA	SYNTHETIC COMMUNICATIONS	2019	0039-7911	http://dx.doi.org/10.1080/00397911.2018.1564928	10.1080/00397911.2018.1564928	60
Effect of -radiation on structural, morphological, magnetic and dielectric properties of Zn-Cr substituted nickel ferrite nanoparticles	Mande, VK; Kounsalye, JS; Vyawahare, SK; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2019	0957-4522	http://dx.doi.org/10.1007/s10854-018-0252-1	10.1007/s10854-018-0252-1	55
Synthesis, Antimicrobial Evaluation, and Docking Studies of Substituted New Chromone Linked 1,2,3-Triazoles	Nipate, AS; Jadhav, CK; Chate, AV; Dofe, VS; Dixit, PP; Sharma, P; Gill, CH	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2023.2242552	10.1080/10406638.2023.2242552	35

Certain Weighted Fractional Inequalities via the Caputo-Fabrizio Approach	Chinchane, VL; Nale, AB; Panchal, SK; Chesneau, C	FRACTAL AND FRACTIONAL	2022		http://dx.doi.org/10.3390/fractalfract6090495	10.3390/fractalfract6090495	30
Competitor orientation and SME performance in competitive environments: the moderating effect of marketing ethics	Al-Hakimi, MA; Saleh, MH; Borade, DB; Hasan, MB; Sharma, D	JOURNAL OF ENTREPRENEURSHIP IN EMERGING ECONOMIES	2023	2053-4604	http://dx.doi.org/10.1108/JEEE-12-2021-0486	10.1108/JEEE-12-2021-0486	110
Effects of incorporation of orange-fleshed sweet potato flour on physicochemical, nutritional, functional, microbial, and sensory characteristics of gluten-free cookies	Giri, NA; Sakhale, BK	JOURNAL OF FOOD PROCESSING AND PRESERVATION	2021	0145-8892	http://dx.doi.org/10.1111/jfpp.15324	10.1111/jfpp.15324	57
Synthesis and Luminescence Properties of Eu3+ Doped Sr2SiO4 Phosphor	Bobade, DS; Undre, PB	INTEGRATED FERROELECTRICS	2020	1058-4587	http://dx.doi.org/10.1080/10584587.2019.1675001	10.1080/10584587.2019.1675001	28

-CD-catalyzed multicomponent domino reaction: synthesis, characterization, in silico molecular docking and biological evaluation of pyrano[2,3-d]-pyrimidinone derivatives	Chate, AV; Dongre, RM; Khaire, MK; Bondle, GM; Sangshetti, JN; Damale, M	RESEARCH ON CHEMICAL INTERMEDIATES	2018	0922-6168	http://dx.doi.org/10.1007/s11164-018-3479-9	10.1007/s11164-018-3479-9	62
Nanocrystalline Ni0.70-xCuxZn0.30Fe2O4 with $0 \leq x \leq 0.25$ prepared by nitrate-citrate route: structure, morphology and electrical investigations	Humbe, AV; Kharat, PB; Nawle, AC; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	0957-4522	http://dx.doi.org/10.1007/s10854-017-8281-8	10.1007/s10854-017-8281-8	49
Investigation of Intermolecular Interaction of Binary Mixture of Acrylonitrile with Bromobenzene	Deshmukh, SD; Pattebahadur, KL; Mohod, AG; Patil, SS; Khirade, PW	62ND DAE SOLID STATE PHYSICS SYMPOSIUM	2018	0094-243X	http://dx.doi.org/10.1063/1.5028625	10.1063/1.5028625	13

Structural and Optoelectronic Studies on Ag-CdS quantum dots	Mohammed, SMI; Gubari, GMM; Huse, NP; Dive, AS; Sharma, R	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032974	10.1063/1.5032974	9
Efficient Synthesis of Densely Functionalized Pyrido[2,3-d]Pyrimidines via Three-component One-pot Domino Knoevenagel aza-Diels Alder Reaction and Induces Apoptosis in Human Cancer Cell Lines via Inhibiting Aurora A and B Kinases	Bhosle, MR; Palke, A; Bondle, GM; Sarkate, AP; Azad, R; Burra, PVLS	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2022.2143538	10.1080/10406638.2022.2143538	60
Biosynthesis of gold and selenium nanoparticles by purified protein from Acinetobacter sp SW 30	Wadhwani, SA; Shedbalkar, UU; Singh, R; Chopade, BA	ENZYME AND MICROBIAL TECHNOLOGY	2018	0141-0229	http://dx.doi.org/10.1016/j.enzmictec.2017.10.007	10.1016/j.enzmictec.2017.10.007	38

Impairment strained analytical modeling evaluation and cross-talk analysis of symmetric and coexistent channels for extended class-1 NG-PON2 access network	Pagare, RA; Mishra, A; Kumar, S	OPTICAL AND QUANTUM ELECTRONICS	2022	0306-8919	http://dx.doi.org/10.1007/s11082-022-04128-2	10.1007/s11082-022-04128-2	26
Morphology, structural, optical, magnetic, and photocatalytic properties of Co1-xZnxFe2-yCeyO4 NPs	Patil, PD; Jadhav, SA; Raut, A; Saraf, T; Kavade, RB	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	0957-4522	http://dx.doi.org/10.1007/s10854-022-08870-x	10.1007/s10854-022-08870-x	67
Triazole-diindolylmethane conjugates as new antitubercular agents: synthesis, bioevaluation, and molecular docking	Danne, AB; Choudhari, AS; Chakraborty, S; Sarkar, D; Khedkar, VM; Shingate, BB	MEDCHEMCOMM	2018	2040-2503	http://dx.doi.org/10.1039/c8md00055g	10.1039/c8md00055g	73
Effect of RE (Nd3+, Sm3+) Oxide on Structural, Optical Properties of Na2O-Li2O-ZnO-B2O3 Glass System	Hiyrekar, MM; Bhoyar, DN; Mande, VK; Dhole, VV; Solunke, MB; Jadhav, KM	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032921	10.1063/1.5032921	9

Analytical modeling and impact analysis on multichannel symmetric optical and wireless NG-PON2 networks of CD, SPM, XPM and FWM impairments	Pagare, RA; Mishra, A; Kumar, S	OPTIK	2022	0030-4026	http://dx.doi.org/10.1016/j.ijleo.2022.168573	10.1016/j.ijleo.2022.168573	30
Numerical solutions of fuzzy integro-differential equations of the second kind	Issa, MSB; Hamoud, AA; Ghadle, KP	JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE-JMCS	2021	2008-949X	http://dx.doi.org/10.22436/jmcs.023.01.07	10.22436/jmcs.023.01.07	17
A comprehensive investigation of Genotype-Environment interaction effects on seed cotton yield contributing traits in Gossypium hirsutum L. Using multivariate analysis and artificial neural network	Patil, AE; Deosarkar, DB; Khatri, N; Ubale, AB	COMPUTERS AND ELECTRONICS IN AGRICULTURE	2023	0168-1699	http://dx.doi.org/10.1016/j.compag.2023.107966	10.1016/j.compag.2023.107966	53
Adsorption of gas molecules (CO, CO2, NO, NO2, and CH4) on undoped and Ag-doped bismuth ferrite oxide (BFO) by DFT investigation	Sambare, AA; Datta, KP; Shirsat, MD; Pawar, RS	JOURNAL OF MATERIALS RESEARCH	2022	0884-2914	http://dx.doi.org/10.1557/s43578-022-00800-1	10.1557/s43578-022-00800-1	33

Preparation of novel in-situ layered B4C and PbO reinforced solution casted layered polymer composites (SCLPC) for augmenting the gamma irradiation shielding capability	Vignesh, S; Jappes, JTW; Nagaveena, S; Sharma, RK; Khan, MA; More, CV	VACUUM	2023	0042-207X	http://dx.doi.org/10.1016/j.vacuum.2022.111583	10.1016/j.vacuum.2022.111583	13
Qualitative Analyses of Fractional Integrodifferential Equations with a Variable Order under the Mittag-Leffler Power Law	Jeelani, MB; Alnahdi, AS; Almalahi, MA; Abdo, MS; Wahash, HA; Alharthi, NH	JOURNAL OF FUNCTION SPACES	2022	2314-8896	http://dx.doi.org/10.1155/2022/6387351	10.1155/2022/6387351	43
Impact of Trivalent Metal Ion Doping on Structural, Photoluminescence and Electric Properties of NiFe2O4 Thin Films	Chavan, AR; Babrekar, MK; Nawle, AC; Jadhav, KM	JOURNAL OF ELECTRONIC MATERIALS	2019	0361-5235	http://dx.doi.org/10.1007/s11664-019-07329-w	10.1007/s11664-019-07329-w	55
Comparative VOCs Sensing Performance for Conducting Polymer and Porphyrin Functionalized Carbon Nanotubes based Sensors	Datta, K; Rushi, A; Ghosh, P; Shirsat, M	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032333	10.1063/1.5032333	11

Exploration of ZnMgS loaded with biosynthesized TiO2 as an efficient photocatalyst for solar energy mediated MB degradation	Kutwade, VV; Gattu, KP; Khan, F; Gajbar, P; Shaikh, S; Sharma, R	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2023	0957-4522	http://dx.doi.org/10.1007/s10854-023-10552-1	10.1007/s10854-023-10552-1	50
Synthesis, Characterization and Hyperthermic Evaluation of PEGylated Superparamagnetic MnFe2O4 Ferrite Nanoparticles for Cancer Therapeutics Applications	Kharat, PB; Somvanshi, SB; Somwanshi, SB; Mopari, AM	MACROMOLECULAR SYMPOSIA	2021	1022-1360	http://dx.doi.org/10.1002/masy.202100130	10.1002/masy.202100130	15
Structure-Based Site of Metabolism (SOM) Prediction of Ligand for CYP3A4 Enzyme: Comparison of Glide XP and Induced Fit Docking (IFD)	Lokwani, DK; Sarkate, AP; Karnik, KS; Nikalje, APG; Seijas, JA	MOLECULES	2020		http://dx.doi.org/10.3390/molecules25071622	10.3390/molecules25071622	19

Glycerol Mediated Synthesis, Biological Evaluation, and Molecular Docking Study of 4-(1H-pyrazol-4-yl)-polyhydroquinolines as Potent Antitubercular Agents	Jamale, DK; Undare, SS; Valekar, NJ; Sarkate, AP; Kolekar, GB; Anbhule, PV	JOURNAL OF HETEROCYCLIC CHEMISTRY	2019	0022-152X	http://dx.doi.org/10.1002/jhet.3438	10.1002/jhet.3438	67
Hierarchy or List? Comparing Menu Navigation by Emergent Users	Padhi, DR; Joshi, A; Shrivastava, A; Tulaskar, R	INDIAHCI'18: PROCEEDINGS OF THE 9TH INDIAN CONFERENCE ON HUMAN COMPUTER INTERACTION	2018		http://dx.doi.org/10.1145/3297121.3297125	10.1145/3297121.3297125	20
Induction Heating Analysis of Surface-Functionalized Nanoscale CoFe2O4 for Magnetic Fluid Hyperthermia toward Noninvasive Cancer Treatment	Kharat, PB; Somvanshi, SB; Khirade, PP; Jadhav, KM	ACS OMEGA	2020	2470-1343	http://dx.doi.org/10.1021/acsomega.0c03332	10.1021/acsomega.0c03332	36
Effect of Cd2+ doping on structural, morphological, optical, magnetic and wettability properties of nickel ferrite thin films	Kardile, HJ; Somvanshi, SB; Chavan, AR; Pandit, AA; Jadhav, KM	OPTIK	2020	0030-4026	http://dx.doi.org/10.1016/j.ijleo.2020.164462	10.1016/j.ijleo.2020.164462	52

Co-existence of Extended Spectrum β-Lactamase and carbapenemase-producing genes from Diarrheagenic Enteric pathogens isolated in a tertiary care hospital (Jan 25, 10.18388/abp.2020_6188, 2023)	Kharat, AA; Makwana, N; Kadam, DG; Chavan, AS; Kulkarni, JA; Kharat, AS	ACTA BIOCHIMICA POLONICA	2023	0001-527X	http://dx.doi.org/10.18388/abp.2020_6188	10.18388/abp.2020_6188	1
Controlling reduction degree of graphene oxide-based electrode for improving the sensing performance toward heavy metal ions	AL-Gahouari, T; Sayyad, P; Bodkhe, G; Ingle, N; Mahadik, M; Shirsat, S; Shirsat, M	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2021	0947-8396	http://dx.doi.org/10.1007/s00339-020-04199-6	10.1007/s00339-020-04199-6	82
Dielectric Relaxation and FTIR Studies on Molecular Interaction between Ethylene Glycol Monobutyl Ether with Bromobenzene and Chlorobenzene	Disale, AS; Undre, PB; Yaseen, SA; Saif, FA; Alameen, AS; Patil, SS; Khirade, PW	INTEGRATED FERROELECTRICS	2019	1058-4587	http://dx.doi.org/10.1080/10584587.2019.1674825	10.1080/10584587.2019.1674825	40

Measurement of rotational temperature of AlO molecule from Fourier transform spectrum of the 0-0 band of B2Σ+-X2Σ+ band system	Behere, SS; Mhaske, NH; Londhe, CT	EUROPEAN PHYSICAL JOURNAL D	2018	1434-6060	http://dx.doi.org/10.1140/epjd/e2018-70365-4	10.1140/epjd/e2018-70365-4	28
Authentication of origin of meat species processed under various Indian culinary procedures using DNA barcoding	Ahmed, N; Sangale, D; Tiknaik, A; Prakash, B; Hange, R; Sanil, R; Khan, S; Khedkar, G	FOOD CONTROL	2018	0956-7135	http://dx.doi.org/10.1016/j.foodcont.2018.02.012	10.1016/j.foodcont.2018.02.012	62
A Detailed Mathematical Analysis of the Vaccination Model for COVID-19	Alnahdi, AS; Jeelani, MB; Wahash, HA; Abdulwasaa, MA	CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES	2023	1526-1492	http://dx.doi.org/10.32604/cmes.2022.023694	10.32604/cmes.2022.023694	43
Hybrid Techniques of Analyzing MRI Images for Early Diagnosis of Brain Tumours Based on Hybrid Features	Mohammed, BA; Senan, EM; Alshammari, TS; Alreshidi, A; Alayba, AM; Alazmi, M; Alsagri, AN	PROCESSES	2023		http://dx.doi.org/10.3390/pr11010212	10.3390/pr11010212	51

Study of Dielectric and Acoustic Properties of Binary Liquid Mixtures of Cyclohexane with n-Butanol at 308 K	Maharolkar, AP; Murugkar, AG; Khirade, PW; Mehrota, SC	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2021	0036-0244	http://dx.doi.org/10.1134/S0036024421140120	10.1134/S0036024421140120	53
Structural, infrared, magnetic and ferroelectric properties of Sr0.5Ba0.5Ti1-xFexO3 nanoceramics: Modifications via trivalent Fe ion doping	Bhoyar, DN; Somvanshi, SB; Kharat, PB; Pandit, AA; Jadhav, KM	PHYSICA B-CONDENSED MATTER	2020	0921-4526	http://dx.doi.org/10.1016/j.physb.2019.411944	10.1016/j.physb.2019.411944	55
Aerobic Degradation of Clothianidin to 2-Chloro-methyl Thiazole and Methyl 3-(Thiazole-yl) Methyl Guanidine Produced by Pseudomonas stutzeri smk	Parte, SG; Kharat, AS	JOURNAL OF ENVIRONMENTAL AND PUBLIC HEALTH	2019	1687-9805	http://dx.doi.org/10.1155/2019/4807913	10.1155/2019/4807913	51
Structural, magnetic, dielectric and hyperfine interaction studies of titanium (Ti4+)-substituted nickel ferrite (Ni1+xTixFe2-2xO4) nanoparticles	Patil, BA; Kounsalye, JS; Humbe, AV; Kokate, RD	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	0957-4522	http://dx.doi.org/10.1007/s10854-020-05197-3	10.1007/s10854-020-05197-3	81

Existence and Ulam stability results of a coupled system for terminal value problems involvingψ-Hilfer fractional operator	Abdo, MS; Shah, K; Panchal, SK; Wahash, HA	ADVANCES IN DIFFERENCE EQUATIONS	2020	1687-1847	http://dx.doi.org/10.1186/s13662-020-02775-x	10.1186/s13662-020-02775-x	36
Structural, thermal, spectral, optical and surface analysis of rare earth metal ion (Gd3+) doped mixed Zn-Mg nano-spinel ferrites	Somvanshi, SB; Jadhav, SA; Khedkar, MV; Kharat, PB; More, SD; Jadhav, KM	CERAMICS INTERNATIONAL	2020	0272-8842	http://dx.doi.org/10.1016/j.ceramint.2020.02.091	10.1016/j.ceramint.2020.02.091	45
Morphological Studies on of Chemically Deposited EuX Thin Films	Londhe, CT; Betkar, MM; Undre, PB	INTEGRATED FERROELECTRICS	2020	1058-4587	http://dx.doi.org/10.1080/10584587.2019.1675004	10.1080/10584587.2019.1675004	12
NONLINEAR MIXED FRACTIONAL INTEGRODIFFERENTIAL INCLUSION WITH FOUR-POINT NONLOCAL RIEMANN-LIOUVILLE INTEGRAL BOUNDARY CONDITIONS	Kharat, VV; Dhaigude, DB; Hasabe, DR	INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS	2019	0019-5588	http://dx.doi.org/10.1007/s13226-019-0365-0	10.1007/s13226-019-0365-0	32

Dielectric Relaxation in Water-Ethanolamine Mixtures as a Function of Composition and Temperature	Jadhavpatil, V; Undre, P; Helambe, S	INTEGRATED FERROELECTRICS	2019	1058-4587	http://dx.doi.org/10.1080/10584587.2019.1674829	10.1080/10584587.2019.1674829	35
NATURAL HIBISCUS DYE AND SYNTHETIC ORGANIC EOSIN Y DYE SENSITIZED SOLAR CELLS USING TITANIUM DIOXIDE NANOPARTICLES PHOTO ANODE: COMPARATIVE STUDY	Kulkarni, SS; Hussaini, SS; Bodkhe, GA; Shirsat, MD	SURFACE REVIEW AND LETTERS	2019	0218-625X	http://dx.doi.org/10.1142/S0218625X18501640	10.1142/S0218625X18501640	34
Synthesis, structural and magnetic properties of Ni2+ and In3+ doped cobalt ferrite and application as catalyst for synthesis of Bis-(Indolyl) methane derivatives	Ganure, KA; Shinde, BL; Mandle, UM; Dhale, LA; Tigote, RM; Lohar, KS	MATERIALS TODAY-PROCEEDINGS	2021	2214-7853	http://dx.doi.org/10.1016/j.matpr.2021.02.327	10.1016/j.matpr.2021.02.327	62
Complexation Study of Synthesized Pharmacological Organic Ligands with Samarium	Omar, ZT; Jadhav, S; Mohsin, M; Faizaa, AS; Rai, M	RUSSIAN JOURNAL OF INORGANIC CHEMISTRY	2020	0036-0236	http://dx.doi.org/10.1134/S0036023620140053	10.1134/S0036023620140053	27

The 2020's world deadliest pandemic: Corona Virus (COVID-19) and International Medical Law (IML)	Nueangnong, V; Subih, AASH; Al-Hattami, HM	COGENT SOCIAL SCIENCES	2020	2331-1886	http://dx.doi.org/10.1080/23311886.2020.1818936	10.1080/23311886.2020.1818936	20
Ionic Liquid-Promoted Synthesis of Novel Chromone-Pyrimidine Coupled Derivatives, Antimicrobial Analysis, Enzyme Assay, Docking Study and Toxicity Study	Tiwari, SV; Seijas, JA; Vazquez-Tato, MP; Sarkate, AP; Karnik, KS; Nikalje, APG	MOLECULES	2018		http://dx.doi.org/10.3390/molecules23020440	10.3390/molecules23020440	55
Study of Various Synthesis Techniques of Nanomaterials	Patil, M; Sharma, D; Dive, A; Mahajan, S; Sharma, R	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032573	10.1063/1.5032573	6
Dielectric and Acoustic Characterization Study of Cyclohexane with n-Butanol at 298 K	Maharolkar, AP; Murugkar, AG; Khirade, PW; Mehrota, SC	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2022	0036-0244	http://dx.doi.org/10.1134/S003602442210017X	10.1134/S003602442210017X	60

Antibacterial Activities of Bacteriagenic Silver Nanoparticles Against Nosocomial Acinetobacter baumannii	Singh, R; Vora, J; Nadhe, SB; Wadhwani, SA; Shedbalkar, UU; Chopade, BA	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2018	1533-4880	http://dx.doi.org/10.1166/jnn.2018.15013	10.1166/jnn.2018.15013	74
DIELECTRIC & PHYSIOCHEMICAL CHARACTERIZATION OF NITROMETHANE WITH DMSO AT 293.15 K	Maharolkar, AP; Murugkar, AG; Khirade, PW	JOURNAL OF THE CHILEAN CHEMICAL SOCIETY	2018	0717-9707	http://dx.doi.org/10.4067/s0717-97072018000103841	10.4067/s0717-97072018000103841	5
Growth, structural, morphological, opto-electrical and first-principle investigations of ZnMgS thin films	Dive, AS; Kounsalye, JS; Sharma, R	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	0957-4522	http://dx.doi.org/10.1007/s10854-022-08729-1	10.1007/s10854-022-08729-1	33
Implicit fractional differential equation with anti-periodic boundary condition involving Caputo-Katugampola type	Redhwan, SS; Shaikh, SL; Abdo, MS	AIMS MATHEMATICS	2020		http://dx.doi.org/10.3934/math.2020240	10.3934/math.2020240	39
Evaluation of Thermal Conductivity of the NiFe2O4 Ferrofluids under Influence of Magnetic Field	Kharat, PB; Jadhav, SA; Deshmukh, SS; Keche, AP; More, SD; Sarnaik, MN; Jadhav, KM	DAE SOLID STATE PHYSICS SYMPOSIUM 2018	2019	0094-243X	http://dx.doi.org/10.1063/1.5113362	10.1063/1.5113362	8

Crystal Growth, Spectral, Optical and Thermal Studies of Thiourea Ammonium Acetate Doped Potassium Dihydrogen Phosphate Crystal for NLO Applications	Rasal, YB; Kulkarni, RB; Shirsat, MD; Hussaini, SS	FERROELECTRICS	2018	0015-0193	http://dx.doi.org/10.1080/00150193.2018.1528955	10.1080/00150193.2018.1528955	33
Rapid Construction of Substituted Dihydrothiophene Ureidoformamides at Room Temperature Using Diisopropyl Ethyl Ammonium Acetate: A Green Perspective	Jadhav, CK; Nipate, AS; Chate, AV; Dofe, VS; Sangshetti, JN; Khedkar, VM; Gill, CH	ACS OMEGA	2020	2470-1343	http://dx.doi.org/10.1021/acsomega.0c03575	10.1021/acsomega.0c03575	62
Radiological and health hazards resulting from radioactivity and elemental composition of some soil samples	Al-Khawlany, AH; Khan, AR; Pathan, JM	POLISH JOURNAL OF MEDICAL PHYSICS AND ENGINEERING	2020	1898-0309	http://dx.doi.org/10.2478/pjmpe-2020-0011	10.2478/pjmpe-2020-0011	33
Microwave Dielectric Polarization Study of Polar liquids at 298 K	Maharolkar, AP; Murugkar, A; Khirade, PW	3RD INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS (ICC-2019)	2020	0094-243X	http://dx.doi.org/10.1063/5.0001553	10.1063/5.0001553	6

Use of Diphenylamine Reagent for High-Performance Thin-Layer Chromatographic Detection of Organochloro Insecticide Endosulfan in Biological Samples	Pawar, UD; Pawar, CD; Kulkarni, UK; Pardeshi, RK; Farooqui, M; Shinde, DB	JPC-JOURNAL OF PLANAR CHROMATOGRAPHY-MODERN TLC	2019	0933-4173	http://dx.doi.org/10.1556/1006.2019.32.1.11	10.1556/1006.2019.32.1.11	23
Nd: YAG laser irradiation effects on structural and magnetic properties of Ni1+xZrxFe2-2xO4 nanoparticles	Saraf, TS; Kounsalye, JS; Birajdar, SD; Shamkuwar, NR	RADIATION PHYSICS AND CHEMISTRY	2018	0969-806X	http://dx.doi.org/10.1016/j.radphyschem.2018.01.010	10.1016/j.radphyschem.2018.01.010	25
Composites Based on Conducting Polymers and Carbon Nanomaterials for Heavy Metal Ion Sensing (Review)	Deshmukh, MA; Shirsat, MD; Ramanaviciene, A; Ramanavicius, A	CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY	2018	1040-8347	http://dx.doi.org/10.1080/10408347.2017.1422966	10.1080/10408347.2017.1422966	176
Influence of yttrium and magnesium on the optical-magneto properties of ferrite nanoparticles and catalytic study for metal ligand synthesis	Tigote, RM; Kazi, SK; Bhore, RM; Dongre, RK; Reddy, SM; Sarnikar, YP; Kamble, DP; Mane, YD	JOURNAL OF THE IRANIAN CHEMICAL SOCIETY	2024	1735-207X	http://dx.doi.org/10.1007/s13738-023-02906-7	10.1007/s13738-023-02906-7	66

Development of water-based CuO, TiO2 and ZnO nanofluids and comparative study of thermal conductivity and viscosity	Girhe, NB; Botewad, SN; More, CV; Kadam, SB; Pawar, PP; Kadam, AB	PRAMANA-JOURNAL OF PHYSICS	2023	0304-4289	http://dx.doi.org/10.1007/s12043-023-02546-9	10.1007/s12043-023-02546-9	37
Molecular dynamic simulations based discovery and development of thiazolidin-4-one derivatives as EGFR inhibitors targeting resistance in non-small cell lung cancer (NSCLC)	Karnik, KS; Sarkate, AP; Lokwani, DK; Tiwari, SV; Azad, R; Wakte, PS	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2023	0739-1102	http://dx.doi.org/10.1080/07391102.2022.2071339	10.1080/07391102.2022.2071339	50
Design and analysis of hybrid optical distribution network for worst-case scenario of E2-class symmetric coexistence 80 Gbps TWDM NG-PON2 architecture for FTTX access networks	Pagare, RA; Kumar, S; Mishra, A	OPTIK	2021	0030-4026	http://dx.doi.org/10.1016/j.ijleo.2020.166168	10.1016/j.ijleo.2020.166168	24
Corporate governance in India and some selected Gulf countries	Almaqtari, FA; Shamim, M; Al-Hattami, HM; Aqlan, SA	INTERNATIONAL JOURNAL OF MANAGERIAL AND FINANCIAL ACCOUNTING	2020	1753-6715			92

50 kGy-100 kGy 60Co γ-irradiation effects on structural and DC-electrical properties of sol-gel synthesized ZnF NPs	Raut, AV; Khirade, PP; Shengule, DR; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	0957-4522	http://dx.doi.org/10.1007/s10854-021-05760-6	10.1007/s10854-021-05760-6	50
Magneto-optical properties of Fe-doped bismuth oxide nanorods for photocatalytic and antimicrobial applications	Mane, VA; Dake, DV; Raskar, ND; Sonpir, RB; Stathatos, E; Dole, BN	RESULTS IN CHEMISTRY	2023	2211-7156	http://dx.doi.org/10.1016/j.rechem.2023.101083	10.1016/j.rechem.2023.101083	64
Geometric meaning and variation of parameter method of modified α-fractional derivative	Thorat, SN; Ghadle, KP; Muneshwar, RA; Bondar, KL	JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES	2023	0252-2667	http://dx.doi.org/10.47974/JIOS-1274	10.47974/JIOS-1274	15
Melamine functionalised multiwalled carbon nanotubes (M-MWCNTs) as a metal-free electrocatalyst for simultaneous determination of 4-nitrophenol and nitrofurantoin	Dighole, RP; Munde, AV; Mulik, BB; Zade, SS; Sathe, BR	NEW JOURNAL OF CHEMISTRY	2022	1144-0546	http://dx.doi.org/10.1039/d2nj03901j	10.1039/d2nj03901j	49

Investigation of Super-Capacitive Properties of Nanocrystalline Copper-Zinc (Cu0.5Zn0.5Fe2O4) Ferrite Nanoparticles	Kharat, PB; Somvanshi, SB; Somwanshi, SB; Mopari, AM	MACROMOLECULAR SYMPOSIA	2021	1022-1360	http://dx.doi.org/10.1002/masy.202100162	10.1002/masy.202100162	24
Design and synthesis of new indanol-1,2,3-triazole derivatives as potent antitubercular and antimicrobial agents	Phatak, PS; Bakale, RD; Kulkarni, RS; Dhumal, ST; Dixit, PP; Krishna, VS; Sriram, D; Khedkar, VM; Haval, KP	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2020	0960-894X	http://dx.doi.org/10.1016/j.bmcl.2020.127579	10.1016/j.bmcl.2020.127579	38
Structural and Multiferroic Properties of Ba2+ Doped BiFeO3 Nanoparticles Synthesized Via Sol-Gel Method	Shisode, MV; Kharat, PB; Bhoyar, DN; Vinayak, V; Babrekar, MK; Jadhav, KM	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032611	10.1063/1.5032611	13
Sol-gel auto combustion synthesis and characterizations of cobalt ferrite nanoparticles: Different fuels approach	Bhagwat, VR; Humbe, AV; More, SD; Jadhav, KM	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2019	0921-5107	http://dx.doi.org/10.1016/j.mseb.2019.114388	10.1016/j.mseb.2019.114388	43

New Chromogenic Reagent for High-Performance Thin-Layer Chromatographic Detection of Organophosphorus Insecticide Monocrotophos in Biological Materials	Pawar, UD; Pawar, CD; Kulkarni, UK; Pardeshi, RK; Farooqui, M; Shinde, DB	JPC-JOURNAL OF PLANAR CHROMATOGRAPHY-MODERN TLC	2019	0933-4173	http://dx.doi.org/10.1556/1006.2019.32.1.10	10.1556/1006.2019.32.1.10	31
MICROWAVE DIELECTRIC RELAXATION & POLARIZATION STUDY OF BINARY MIXTURE OF METHYLETHYLKETONE WITH NITROBENZENE	Maharolkar, AP; Murugkar, AG; Khirade, PW; Mehrotra, SC	BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA	2019	1011-3924	http://dx.doi.org/10.4314/bcse.v33i2.15	10.4314/bcse.v33i2.15	32
New 1,2,3-triazole tethered-1,4-dihydropyridines as potential antioxidant agents: Synthesis and molecular docking study	Danne, AB; Lathi, K; Sangshetti, JN; Khedkar, VM; Khalse, LD; Shingate, BB	JOURNAL OF MOLECULAR STRUCTURE	2024	0022-2860	http://dx.doi.org/10.1016/j.molstruc.2023.137129	10.1016/j.molstruc.2023.137129	73
IFRS integration into accounting education: Academics' perspective: Evidence form Yemeni universities	Al-Bukhrani, MA; Al-Matari, EM; Gauri, FN	COGENT EDUCATION	2023	2331-186X	http://dx.doi.org/10.1080/2331186X.2023.2235954	10.1080/2331186X.2023.2235954	69

Evaluation of gamma-ray attenuation characteristics of some thermoplastic polymers: Experimental, WinXCom and MCNPX studies	More, CV; Alavian, H; Pawar, PP	JOURNAL OF NON-CRYSTALLINE SOLIDS	2020	0022-3093	http://dx.doi.org/10.1016/j.jnoncrysol.2020.120277	10.1016/j.jnoncrysol.2020.120277	41
Evaluation of gamma ray and neutron attenuation capability of thermoplastic polymers	More, CV; Alavian, H; Pawar, PP	APPLIED RADIATION AND ISOTOPES	2021	0969-8043	http://dx.doi.org/10.1016/j.apradiso.2021.109884	10.1016/j.apradiso.2021.109884	46
Field effect transistor behavior of Bi2Se3 nanostructure prepared by laser ablation	Koinkar, P; Ohsumi, Y; Furube, A; Murai, KI; Moriga, T; Bodkhe, G; Shirsat, MD	MODERN PHYSICS LETTERS B	2019	0217-9849	http://dx.doi.org/10.1142/S0217984919400153	10.1142/S0217984919400153	7
Impact of trivalent metal ion substitution on structural, optical, magnetic and dielectric properties of Li0.5Fe2.5O4 thin films	Chilwar, RR; Chavan, AR; Babrekar, MK; Jadhav, KM	PHYSICA B-CONDENSED MATTER	2019	0921-4526	http://dx.doi.org/10.1016/j.physb.2019.04.031	10.1016/j.physb.2019.04.031	57

DIPEAc promoted one-pot synthesis of dihydropyrido[2,3-d:6,5-d']dipyrimidinetetraone and pyrimido[4,5-d] pyrimidine derivatives as potent tyrosinase inhibitors and anticancer agents: in vitro screening, molecular docking and ADMET predictions	Bhosle, MR; Khillare, LD; Mali, JR; Sarkate, AP; Lokwani, DK; Tiwari, SV	NEW JOURNAL OF CHEMISTRY	2018	1144-0546	http://dx.doi.org/10.1039/c8nj04622k	10.1039/c8nj04622k	57
Outbreak of mumps virus genotype G infection in tribal individuals during 2016-17 in India	Vaidya, SR; Tilavat, SM; Hamde, VS; Bhattad, DR	MICROBIOLOGY AND IMMUNOLOGY	2018	0385-5600	http://dx.doi.org/10.1111/1348-0421.12606	10.1111/1348-0421.12606	17
Quinoline Based Monocarbonyl Curcumin Analogs as Potential Antifungal and Antioxidant Agents: Synthesis, Bioevaluation and Molecular Docking Study	Nagargoje, AA; Akolkar, SV; Siddiqui, MM; Subhedar, DD; Sangshetti, JN; Khedkar, VM; Shingate, BB	CHEMISTRY & BIODIVERSITY	2020	1612-1872	http://dx.doi.org/10.1002/cbdv.201900624	10.1002/cbdv.201900624	49

New amide linked dimeric 1,2,3-triazoles bearing aryloxy scaffolds as a potent antiproliferative agents and EGFR tyrosine kinase phosphorylation inhibitors	Deshmukh, TR; Sarkate, AP; Lokwani, DK; Tiwari, SV; Azad, R; Shingate, BB	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2019	0960-894X	http://dx.doi.org/10.1016/j.bmcl.2019.08.022	10.1016/j.bmcl.2019.08.022	26
Cu2+ substituted NiFe2O4 thin films via spray pyrolysis technique and their high-frequency devices application	Chavan, AR; Kounsalye, JS; Chilwar, RR; Kale, SB; Jadhav, KM	JOURNAL OF ALLOYS AND COMPOUNDS	2018	0925-8388	http://dx.doi.org/10.1016/j.jallcom.2018.08.061	10.1016/j.jallcom.2018.08.061	63
Microwave Dielectric Study of Polar liquids at 298 K	Maharolkar, AP; Murugkar, A; Khirade, PW	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032334	10.1063/1.5032334	6
Applying Eye Tracking with Deep Learning Techniques for Early-Stage Detection of Autism Spectrum Disorders	Ahmed, ZAT; Albalawi, E; Aldhyani, THH; Jadhav, ME; Janrao, P; Obeidat, MRM	DATA	2023		http://dx.doi.org/10.3390/data8110168	10.3390/data8110168	47

Facile synthesis of flower-like Bi2O3 as an efficient electrode for high performance asymmetric supercapacitor	Mane, SA; Kashale, AA; Kamble, GP; Kolekar, SS; Dhas, SD; Patil, MD; Moholkar, AV; Sathe, BR; Ghule, AV	JOURNAL OF ALLOYS AND COMPOUNDS	2022	0925-8388	http://dx.doi.org/10.1016/j.jallcom.2022.166722	10.1016/j.jallcom.2022.166722	58
Influence of trivalent Cr ion substitution on the physicochemical, optical, electrical, and dielectric properties of sprayed NiFe2O4spinel-magnetic thin films	Chavan, AR; Somvanshi, SB; Khirade, PP; Jadhav, KM	RSC ADVANCES	2020		http://dx.doi.org/10.1039/d0ra04319b	10.1039/d0ra04319b	78
Synthesis and anti-proliferative activity studies of 2-(2-(trifluoromethyl)-6-(substituted)imidazo[1,2-b]pyridazin-3-yl)-N-(substituted)acetamide derivatives	Gaikwad, DD; Pawar, UD; Chavan, SL; Pawar, CD; Pansare, DN; Shelke, RN; Chavan, SL; Zine, AM	JOURNAL OF HETEROCYCLIC CHEMISTRY	2020	0022-152X	http://dx.doi.org/10.1002/jhet.3920	10.1002/jhet.3920	45
Data on isolation and purification of fibrinolytic enzyme from Pseudomonas baetica SUHU25	Salunke, AS; Kharat, AS	DATA IN BRIEF	2019	2352-3409	http://dx.doi.org/10.1016/j.dib.2019.104369	10.1016/j.dib.2019.104369	6

Synthesis, anti-proliferative activity, SAR, and kinase inhibition studies of thiazol-2-yl- substituted sulfonamide derivatives	Pawar, CD; Chavan, SL; Pawar, UD; Pansare, DN; Deshmukh, SV; Shinde, DB	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	2019	0009-4536	http://dx.doi.org/10.1002/jccs.201800312	10.1002/jccs.201800312	33
One-pot multicomponent synthesis approach for tetrahydropyridines using polyaniline-zirconium oxide composites	Yelwande, AA; Navgire, ME; Palve, M; Patil, HS; Farooqui, M; Dinore, JM	SYNTHETIC COMMUNICATIONS	2022	0039-7911	http://dx.doi.org/10.1080/00397911.2022.2063061	10.1080/00397911.2022.2063061	38
Synthesis and antimicrobial evaluation of new thiazolyl-1,2,3-triazolyl-alcohol derivatives	Jagadale, S; Chavan, A; Shinde, A; Sisode, V; Bobade, VD; Mhaske, PC	MEDICINAL CHEMISTRY RESEARCH	2020	1054-2523	http://dx.doi.org/10.1007/s00044-020-02540-5	10.1007/s00044-020-02540-5	46
Electrochemical Sensor: L-Cysteine Induced Selectivity Enhancement of Electrochemically Reduced Graphene Oxide-Multiwalled Carbon Nanotubes Hybrid for Detection of Lead (Pb2+) Ions	AL-Gahouari, T; Bodkhe, G; Sayyad, P; Ingle, N; Mahadik, M; Shirsat, SM; Deshmukh, M; Musahwar, N; Shirsat, M	FRONTIERS IN MATERIALS	2020	2296-8016	http://dx.doi.org/10.3389/fmats.2020.00068	10.3389/fmats.2020.00068	61

Decolorization of textile dyes by combination of gold nanocatalysts obtained from Acinetobacter sp SW30 and NaBH4	Wadhwani, SA; Shedbalkar, UU; Nadhe, S; Singh, R; Chopade, BA	ENVIRONMENTAL TECHNOLOGY & INNOVATION	2018	2352-1864	http://dx.doi.org/10.1016/j.eti.2017.12.001	10.1016/j.eti.2017.12.001	50
Cobalt/Cobalt Oxide Nanorods-Decorated Reduced Graphene Oxide (Co/Co3O4-rGO) for Enhanced Electrooxidation of Glycerol	Sapner, VS; Tanwade, PD; Munde, AV; Sathe, BR	ACS APPLIED NANO MATERIALS	2023		http://dx.doi.org/10.1021/acsanm.3c02636	10.1021/acsanm.3c02636	55
Polarization-independent enhancement in UV photoconductivity of BiFeO3/Sn:In2O3 heterostructure	Banda, RR; Halge, DI; Narwade, VN; Kaawash, NMS; Thabit, MYH; Alegaonkar, PS; Bogle, KA	PHYSICA B-CONDENSED MATTER	2023	0921-4526	http://dx.doi.org/10.1016/j.physb.2023.414938	10.1016/j.physb.2023.414938	45
Development of soft polymer blend for copper ion detection by electrochemical route	Mane, SS; Joshi, GM; Shirsat, MD; Kaleemulla, S	JOURNAL OF APPLIED POLYMER SCIENCE	2023	0021-8995	http://dx.doi.org/10.1002/app.53691	10.1002/app.53691	67

Hyperthermic evaluation of oleic acid coated nano-spinel magnesium ferrite: Enhancement via hydrophobic-to-hydrophilic surface transformation	Somvanshi, SB; Patade, SR; Andhare, DD; Jadhav, SA; Khedkar, MV; Kharat, PB; Khirade, PP; Jadhav, KM	JOURNAL OF ALLOYS AND COMPOUNDS	2020	0925-8388	http://dx.doi.org/10.1016/j.jallcom.2020.155422	10.1016/j.jallcom.2020.155422	28
Acinetobacter sp. mediated synthesis of AgNPs, its optimization, characterization and synergistic antifungal activity against C. albicans	Nadhe, SB; Singh, R; Wadhwani, SA; Chopade, BA	JOURNAL OF APPLIED MICROBIOLOGY	2019	1364-5072	http://dx.doi.org/10.1111/jam.14305	10.1111/jam.14305	87
In vitro and in silico exploration of newly synthesized triazolyl-isonicotinohydrazides as potent antitubercular agents	Bakale, RD; Phatak, PS; Rathod, SS; Choudhari, PB; Rekha, EM; Sriram, D; Kulkarni, RS; Haval, KP	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2023	0739-1102	http://dx.doi.org/10.1080/07391102.2023.2291826	10.1080/07391102.2023.2291826	80
Ultrasensitive polyaniline-nickel oxide cladding modified with urease immobilized intrinsic optical fiber urea biosensor	Botewad, SN; Gaikwad, DK; Girhe, NB; Pawar, PP	POLYMERS FOR ADVANCED TECHNOLOGIES	2022	1042-7147	http://dx.doi.org/10.1002/pat.5504	10.1002/pat.5504	51

Synthesis and bioevaluation of α,α'-bis(1H-1,2,3-triazol-5-ylmethylene) ketones	Deshmukh, TR; Krishna, VS; Sriram, D; Sangshetti, JN; Shingate, BB	CHEMICAL PAPERS	2020	0366-6352	http://dx.doi.org/10.1007/s11696-019-00908-5	10.1007/s11696-019-00908-5	36
Efficient Feature Extraction Algorithms to Develop an Arabic Speech Recognition System	Alasadi, AA; Adhyani, THH; Deshmukh, RR; Alahmadi, AH; Alshebami, AS	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2020	2241-4487			40
Effect of magnesium substitution on the structural, morphological, optical and wettability properties of cobalt ferrite thin films	Jadhav, GL; More, SD; Kale, CM; Jadhav, KM	PHYSICA B-CONDENSED MATTER	2019	0921-4526	http://dx.doi.org/10.1016/j.physb.2018.11.052	10.1016/j.physb.2018.11.052	30
RETRACTED: Network Traffic Forecasting in Network Cybersecurity: Granular Computing Model (Retracted Article)	Alzahrani, A; Aldhyani, THH; Alsubari, SN; Alghamdi, AD	SECURITY AND COMMUNICATION NETWORKS	2022	1939-0114	http://dx.doi.org/10.1155/2022/3553622	10.1155/2022/3553622	41
Development of green synthesized nanomaterials for hybrid vehicle applications	Jadhav, DB; Kokate, RD	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	2021	2049-6427	http://dx.doi.org/10.1108/IJIUS-07-2021-0085	10.1108/IJIUS-07-2021-0085	31

Green Synthesis of AuNPs byAcinetobactersp. GWRVA25: Optimization, Characterization, and Its Antioxidant Activity	Nadhe, SB; Wadhwani, SA; Singh, R; Chopade, BA	FRONTIERS IN CHEMISTRY	2020	2296-2646	http://dx.doi.org/10.3389/fchem.2020.00474	10.3389/fchem.2020.00474	76
Potential herb-drug interaction of a flavone glycoside from Cuminum cyminum: Possible pathway for bioenhancement of rifampicin	Sharma, A; Magotra, A; Bhatt, S; Dogra, A; Wazir, P; Satti, NK; Singh, G; Bhusari, SS; Nandi, U	INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE	2018	0972-5938			23
One-Pot Room-Temperature Protocol for the Synthesis of Pyrazolines Using SnO2 Nanocomposite as Heterogeneous Catalyst	Patki, AS; Muley, DB; Kagne, RP; Mathapati, SR	RUSSIAN JOURNAL OF ORGANIC CHEMISTRY	2022	1070-4280	http://dx.doi.org/10.1134/S1070428022100116	10.1134/S1070428022100116	50
Synthesis, Characterization and Antimicrobial Evaluation of New 3-(Alkyl/Arylamino)benzo[d]isothiazole 1,1-Derivatives	Kamble, DP; Shankarwar, AG; Mane, YD; Tigote, RM; Sarnikar, YP; Madje, BR	ORIENTAL JOURNAL OF CHEMISTRY	2021	0970-020X	http://dx.doi.org/10.13005/ojc/370405	10.13005/ojc/370405	16

Urea biosensors: A comprehensive review	Botewad, SN; Gaikwad, DK; Girhe, NB; Thorat, HN; Pawar, PP	BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY	2023	0885-4513	http://dx.doi.org/10.1002/bab.2168	10.1002/bab.2168	105
Editorial: Smart Materials for Energy Conversion and Sensor Based Technologies	Shirsat, MD; Sathe, BR; Koinkar, PM	FRONTIERS IN MATERIALS	2021	2296-8016	http://dx.doi.org/10.3389/fmats.2021.626397	10.3389/fmats.2021.626397	0
Effect of risk of using computerized AIS on external auditor's work quality in Yemen	Al-Hattami, HM; Hashed, AA; Alnuzaili, KME; Alsoufi, MAZ; Alnakeeb, AA; Rageh, H	INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED SCIENCES	2021	2313-626X	http://dx.doi.org/10.21833/ijaas.2021.01.010	10.21833/ijaas.2021.01.010	42
Structural, optical, and magnetic properties of Mn-doped ZnS nanoparticles	Mote, VD; Dole, BN	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	0957-4522	http://dx.doi.org/10.1007/s10854-020-04790-w	10.1007/s10854-020-04790-w	62
Temperature Dependent Microwave Dielectric Characterization of Associated Liquids	Maharolkar, AP; Murugkar, A; Khirade, P; Mehrotra, S	JOURNAL OF STRUCTURAL CHEMISTRY	2018	0022-4766	http://dx.doi.org/10.1134/S0022476618050177	10.1134/S0022476618050177	17

Color tunable orange-red light emitting Sm3+ doped BaZrO3 nanopowders: Photoluminescence properties for w-LED applications	Basavaraj, RB; Kumar, S; Aarti, DP; Nagaraju, G; Kumar, HMS; Soundar, R; Shashidhara, TS; Sumedha, HN; Shahsank, M	INORGANIC CHEMISTRY COMMUNICATIONS	2021	1387-7003	http://dx.doi.org/10.1016/j.inoche.2021.108577	10.1016/j.inoche.2021.108577	59
Orbital and physical parameters of the close binary system GJ 9830 (HIP 116259)	Masda, SG; Al-Wardat, MA; Pathan, JM	RESEARCH IN ASTRONOMY AND ASTROPHYSICS	2019	1674-4527	http://dx.doi.org/10.1088/1674-4527/19/7/105	10.1088/1674-4527/19/7/105	55
[DBU][OAc]-mediated synthesis and anthelmintic activity of triazole-tetrazole conjugates	Siddiqui, MA; Shaikh, MH; Nagargoje, AA; Shaikh, TT; Khedkar, VM; Deshpande, PP; Shingate, BB	RESEARCH ON CHEMICAL INTERMEDIATES	2022	0922-6168	http://dx.doi.org/10.1007/s11164-022-04842-2	10.1007/s11164-022-04842-2	75
Influence of swift heavy ion irradiation on sensing properties of nickel-(NRs-Ni3HHTP2) metal-organic framework	Ingle, NN; Shirsat, S; Sayyad, P; Bodkhe, G; Patil, H; Deshmukh, M; Mahadik, M; Singh, F; Shirsat, M	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	0957-4522	http://dx.doi.org/10.1007/s10854-021-06353-z	10.1007/s10854-021-06353-z	45

Synthesis, antimicrobial and anti-tubercular activity study of N-(substituted-benzyl)-4-(trifluoromethyl)thiazole-2-sulfonamide and 2-(N-(substituted-benzyl)sulfamoyl)thiazole-4-carboxylic acid	Bhujbal, N; Gaikwad, D; Jagdale, Y; Pawar, C	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	2021	0009-4536	http://dx.doi.org/10.1002/jccs.202000421	10.1002/jccs.202000421	42
Factors Influencing Crisis Management: A systematic review and synthesis for future research	Hazaa, YMH; Almaqtari, FA; Al-Swidi, A	COGENT BUSINESS & MANAGEMENT	2021	2331-1975	http://dx.doi.org/10.1080/23311975.2021.1878979	10.1080/23311975.2021.1878979	249
Design, Synthesis and Bioevaluation of Highly Functionalized 1,2,3-Triazole-Guanidine Conjugates as Anti-Inflammatory and Antioxidant Agents	Siddiqui, MA; Nagargoje, AA; Shaikh, MH; Siddiqui, RA; Pund, AA; Khedkar, VM; Asrondkar, A; Deshpande, PP; Shingate, BB	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2022.2105904	10.1080/10406638.2022.2105904	49

Tuning the properties of Fe-BTC metal-organic frameworks (MOFs) by swift heavy ion (SHI) irradiation	Sayyad, PW; Ingle, NN; Bodkhe, GA; Deshmukh, MA; Patil, HK; Shirsat, SM; Singh, F; Shirsat, MD	RADIATION EFFECTS AND DEFECTS IN SOLIDS	2021	1042-0150	http://dx.doi.org/10.1080/10420150.2020.1825958	10.1080/10420150.2020.1825958	33
Investigations of Structural, Morphological and Optical Properties of Spray Deposited Lithium Ferrite Thin Films	Chilwar, RR; Parlikar, R; Kardile, HJ; Babrekar, MK; Jadhav, KM	DAE SOLID STATE PHYSICS SYMPOSIUM 2019	2020	0094-243X	http://dx.doi.org/10.1063/5.0017292	10.1063/5.0017292	10
Investigation on Some Thermo Physical Properties of Methylethylketone and Nitrobenzene Binary Mixtures	Maharolkar, AP; Murugkar, A; Khirade, PW; Mehrotra, SC	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2019	0036-0244	http://dx.doi.org/10.1134/S0036024419130168	10.1134/S0036024419130168	19
Structural, morphological, optical, magnetic and electrical properties of Al3+ substituted nickel ferrite thin films	Chavan, AR; Birajdar, SD; Chilwar, RR; Jadhav, KM	JOURNAL OF ALLOYS AND COMPOUNDS	2018	0925-8388	http://dx.doi.org/10.1016/j.jallcom.2017.11.326	10.1016/j.jallcom.2017.11.326	82

RETRACTED: Computational Intelligence Based Recurrent Neural Network for Identification Deceptive Review in the E-Commerce Domain (Retracted Article)	Alsubari, SN; Aldhyani, THH; Deshmukh, SN; Maashi, M; Alharbi, S; Al-Baity, HH	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	2022	1687-5265	http://dx.doi.org/10.1155/2022/4656846	10.1155/2022/4656846	49
Simple Nested Allele-Specific approach with penultimate mismatch for precise species and sex identification of tiger and leopard	Nittu, G; Bhavana, PM; Shameer, TT; Ramakrishnan, B; Archana, R; Kaushal, KK; Khedkar, GD; Mohan, G; Jyothi, M; Sanil, R	MOLECULAR BIOLOGY REPORTS	2021	0301-4851	http://dx.doi.org/10.1007/s11033-021-06139-w	10.1007/s11033-021-06139-w	50

Computational and Synthetic approach with Biological Evaluation of Substituted Quinoline derivatives as small molecule L858R/T790M/C797S triple mutant EGFR inhibitors targeting resistance in Non-Small Cell Lung Cancer (NSCLC)	Karnik, KS; Sarkate, AP; Tiwari, SV; Azad, R; Burra, PVLS; Wakte, PS	BIOORGANIC CHEMISTRY	2021	0045-2068	http://dx.doi.org/10.1016/j.bioorg.2020.104612	10.1016/j.bioorg.2020.104612	45
Enhancement in Surface Area and Magnetization of CoFe2O4 Nanoparticles for Targeted Drug Delivery Application	Kale, SB; Somvanshi, SB; Sarnaik, MN; More, SD; Shukla, SJ; Jadhav, KM	2ND INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS (ICC-2017)	2018	0094-243X	http://dx.doi.org/10.1063/1.5032528	10.1063/1.5032528	14
Symmetry Transition via Tetravalent Impurity and Investigations on Magnetic Properties ofLi0.5Fe2.5O4	Kounsalye, JS; Kharat, PB; Chavan, AR; Humbe, AV; Borade, RM; Jadhav, KM	62ND DAE SOLID STATE PHYSICS SYMPOSIUM	2018	0094-243X	http://dx.doi.org/10.1063/1.5028698	10.1063/1.5028698	12

Inferring the physical properties of La-substituted ZnO nanorods and nanoflowers for the photodegradation of Congo red azo dye	Dake, DV; Sonpir, RB; Mane, VA; Raskar, ND; Khawal, HA; Deshpande, U; Dole, BN	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	0957-4522	http://dx.doi.org/10.1007/s10854-021-06969-1	10.1007/s10854-021-06969-1	39
Biosynthesis of Silver nanoparticle using aqueous extract of Saraca asoca leaves, its characterization and antimicrobial activity	Fatema, S; Shirsat, M; Farooqui, M; Arif, PM	INTERNATIONAL JOURNAL OF NANO DIMENSION	2019	2008-8868			23
A Facile Synthesis of Substituted 2-(5-(Benzylthio)-1,3,4-oxadiazol-2-yl)pyrazine Using Microwave Irradiation and Conventional Method with Antioxidant and Anticancer Activities	Patil, SR; Sarkate, AP; Karnik, KS; Arsondkar, A; Patil, V; Sangshetti, JN; Bobade, AS; Shinde, DB	JOURNAL OF HETEROCYCLIC CHEMISTRY	2019	0022-152X	http://dx.doi.org/10.1002/jhet.3464	10.1002/jhet.3464	26
Physical and geometrical parameters of VCBS XIII: HIP 105947	Masda, SG; Al-Wardat, MA; Pathan, JKMK	RESEARCH IN ASTRONOMY AND ASTROPHYSICS	2018	1674-4527	http://dx.doi.org/10.1088/1674-4527/18/6/72	10.1088/1674-4527/18/6/72	51
SUBALTERN STUDIES AND THE TRANSITION IN INDIAN HISTORY WRITING	Bagade, U; Jogdand, Y; Bagade, V	CRITICAL PHILOSOPHY OF RACE	2023	2165-8684			39

Study of Ultrasonic Properties of Binary Liquid Mixtures	Patil, AG; Maharolkar, AP; Murugkar, A	TECHNO-SOCIETAL 2018: PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGIES FOR SOCIETAL APPLICATIONS - VOL 1	2020		http://dx.doi.org/10.1007/978-3-030-16848-3_91	10.1007/978-3-030-16848-3_91	15
Identity, occurrence and typification of Sida angustifolia (Malvaceae), a neglected species in India	Gavade, SK; Nimbalkar, V; Lekhak, M; Sardesai, M	ANNALES BOTANICI FENNICI	2020	0003-3847	http://dx.doi.org/10.5735/085.057.0411	10.5735/085.057.0411	11
Influence of trivalent Al-Cr co-substitution on the structural, morphological and Mossbauer properties of nickel ferrite nanoparticles	Bharati, VA; Somvanshi, SB; Humbe, AV; Murumkar, VD; Sondur, VV; Jadhav, KM	JOURNAL OF ALLOYS AND COMPOUNDS	2020	0925-8388	http://dx.doi.org/10.1016/j.jallcom.2019.153501	10.1016/j.jallcom.2019.153501	35
Illustrious influence of amino acid L-threonine (LT) on structural and optical insights of Zinc Thiourea Sulphate (ZTS) crystal	Kulkarni, RB; Anis, M; Hussaini, SS; Shirsat, MD	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2019	0217-9792	http://dx.doi.org/10.1142/S0217979219500103	10.1142/S0217979219500103	70

Novel hemicyanine sensitizers based on benzothiazole-indole for dye- sensitized solar cells: Synthesis, optoelectrical characterization and ef fi ciency of solar cell	Al-horaibi, SA; Alrabie, AA; Alghamdi, MT; Al-Ostoot, FH; Garoon, EM; Rajbhoj, AS	JOURNAL OF MOLECULAR STRUCTURE	2021	0022-2860	http://dx.doi.org/10.1016/j.molstruc.2020.128836	10.1016/j.molstruc.2020.128836	41
Synthesis and evaluation of novel sulfonamide analogues of 6/7-aminoflavones as anticancer agents via topoisomerase II inhibition	Shelke, RN; Pansare, DN; Sarkate, AP; Narula, IK; Lokwani, DK; Tiwari, SV; Azad, R; Thopate, SR	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2020	0960-894X	http://dx.doi.org/10.1016/j.bmcl.2020.127246	10.1016/j.bmcl.2020.127246	27
Amide-Linked Monocarbonyl Curcumin Analogues: Efficient Synthesis, Antitubercular Activity and Molecular Docking Study	Subhedar, DD; Shaikh, MH; Nagargoje, AA; Akolkar, SV; Bhansali, SG; Sarkar, D; Shingate, BB	POLYCYCLIC AROMATIC COMPOUNDS	2022	1040-6638	http://dx.doi.org/10.1080/10406638.2020.1852288	10.1080/10406638.2020.1852288	30

Dimethylglyoxime modified swift heavy oxygen ions irradiated polyaniline/single walled carbon nanotubes composite electrode for detection of cobalt ions	Patil, HK; Deshmukh, MA; Bodkhe, GA; Shirsat, SM; Asokan, K; Shirsat, MD	MATERIALS RESEARCH EXPRESS	2018	2053-1591	http://dx.doi.org/10.1088/2053-1591/aaccb3	10.1088/2053-1591/aaccb3	26
Diagnosis of Histopathological Images to Distinguish Types of Malignant Lymphomas Using Hybrid Techniques Based on Fusion Features	Al-Mekhlafi, ZG; Senan, EM; Mohammed, BA; Alazmi, M; Alayba, AM; Alreshidi, A; Alshahrani, M	ELECTRONICS	2022		http://dx.doi.org/10.3390/electronics11182865	10.3390/electronics11182865	39
(C6F5)3B Catalyzed One-Pot Synthesis of Benzo[b]Cyclopenta[e][1,4]Oxazin-2(1H)-One and Thiazin-2(1H)-One Derivatives from Furan-2-yl(Phenyl)Methanol and 2-Aminophenol/Thiophenol	Sarnikar, YP; Mane, YD; Patil, SS; Surwase, SM; Tigote, RM; Khade, BC	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2022.2089173	10.1080/10406638.2022.2089173	26

NewN-phenylacetamide-linked 1,2,3-triazole-tethered coumarin conjugates: Synthesis, bioevaluation, and molecular docking study	Akolkar, SV; Nagargoje, AA; Shaikh, MH; Warshagha, MZA; Sangshetti, JN; Damale, MG; Shingate, BB	ARCHIV DER PHARMAZIE	2020	0365-6233	http://dx.doi.org/10.1002/ardp.202000164	10.1002/ardp.202000164	61
Dynamics and interactions in aqueous polyvinylpyrrolidone (PVP K-30): An approach using dielectric relaxation spectroscopy	Sarode, AV; Kumbharkhane, AC; Mehrotra, SC	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	2018	0019-5596			16
The draft genome sequence of the Brahminy blindsnake Indotyphlops braminus	Khedkar, G; Kambayashi, C; Tabata, H; Takemura, I; Minei, R; Ogura, A; Kurabayashi, A	SCIENTIFIC DATA	2022		http://dx.doi.org/10.1038/s41597-022-01530-z	10.1038/s41597-022-01530-z	40
Cation distribution, magnetic and hyperfine interaction studies of Ni-Zn spinel ferrites: role of Jahn Teller ion (Cu2+) substitution	Humbe, AV; Kounsalye, JS; Somvanshi, SB; Kumar, A; Jadhav, KM	MATERIALS ADVANCES	2020		http://dx.doi.org/10.1039/d0ma00251h	10.1039/d0ma00251h	39

Synthesis, bioevaluation and molecular docking study of new piperazine and amide linked dimeric 1,2,3-triazoles	Deshmukh, TR; Khare, SP; Krishna, VS; Sriram, D; Sangshetti, JN; Khedkar, VM; Shingate, BB	SYNTHETIC COMMUNICATIONS	2020	0039-7911	http://dx.doi.org/10.1080/00397911.2019.1695275	10.1080/00397911.2019.1695275	57
DETERMINANTS OF INTENTION TO CONTINUE USING INTERNET BANKING: INDIAN CONTEXT	Al-Hattami, HM; Abdullah, AAH; Khamis, AAA	INNOVATIVE MARKETING	2021	1814-2427	http://dx.doi.org/10.21511/im.17(1).2021.04	10.21511/im.17(1).2021.04	71
Study of Thermo Physical Properties of Binary Liquid Mixtures of Trichloroethylene with 1-pentanol	Patil, AG; Maharolkar, AP; Murugkar, AG	ADVANCES IN BASIC SCIENCES (ICABS 2019)	2019	0094-243X	http://dx.doi.org/10.1063/1.5122455	10.1063/1.5122455	14
Design, Synthesis and Molecular Docking Studies of Novel Triazole-Chromene Conjugates as Antitubercular, Antioxidant and Antifungal Agents	Khare, SP; Deshmukh, TR; Sangshetti, JN; Krishna, VS; Sriram, D; Khedkar, VM; Shingate, BB	CHEMISTRYSELECT	2018	2365-6549	http://dx.doi.org/10.1002/slct.201801859	10.1002/slct.201801859	79

Reinforcement of polyaniline and poly-(o-toluidine) with SWNTs and tuning of their physicochemical properties by heavy ion beams	Patil, HK; Deshmukh, MA; Bodkhe, GA; Shirsat, SM; Asokan, K; Shirsat, MD	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2018	0947-8396	http://dx.doi.org/10.1007/s00339-018-1901-1	10.1007/s00339-018-1901-1	38
Mathematical Modeling and Forecasting of COVID-19 in Saudi Arabia under Fractal-Fractional Derivative in Caputo Sense with Power-Law	Jeelani, MB; Alnahdi, AS; Abdo, MS; Abdulwasaa, MA; Shah, K; Wahash, HA	AXIOMS	2021		http://dx.doi.org/10.3390/axioms10030228	10.3390/axioms10030228	31
Synthesis, characterization and antimicrobial screening of new pyrazolyl-1,2,3-triazolyl-thiazolyl-ethanol derivatives	Jagadale, S; Bhoye, M; Nandurkar, Y; Bobade, VD; Mhaske, PC	PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS	2020	1042-6507	http://dx.doi.org/10.1080/10426507.2020.1860984	10.1080/10426507.2020.1860984	47
Enhancement in NH3 sensing performance of ZnO thin-film via gamma-irradiation	Waikar, MR; Raste, PM; Sonker, RK; Gupta, V; Tomar, M; Shirsat, MD; Sonkawade, RG	JOURNAL OF ALLOYS AND COMPOUNDS	2020	0925-8388	http://dx.doi.org/10.1016/j.jallcom.2020.154641	10.1016/j.jallcom.2020.154641	50

Singular Fractional Differential Equations With ψ-Caputo Operator And Modified Picard's Iterative Method	Wahash, HA; Abdo, MS; Saeed, AM; Panchal, SK	APPLIED MATHEMATICS E-NOTES	2020				20
Comparative study of pigments used in 16th-17th century CE tempera mural art from Malayadipatti and Adiyamankottai temple, Tamil Nadu, India	Sharma, A; Singh, MR; Kumar, SV; Singh, MP	CURRENT SCIENCE	2023	0011-3891	http://dx.doi.org/10.18520/cs/v125/i8/853-864	10.18520/cs/v125/i8/853-864	35
[HDBU][HSO4]-catalyzed facile synthesis of new 1,2,3-triazole-tethered 2,3-dihydroquinazolin-4[1H]-one derivatives and their DPPH radical scavenging activity	Siddiqui, MM; Nagargoje, AA; Akolkar, SV; Sangshetti, JN; Khedkar, VM; Pisal, PM; Shingate, BB	RESEARCH ON CHEMICAL INTERMEDIATES	2022	0922-6168	http://dx.doi.org/10.1007/s11164-021-04639-9	10.1007/s11164-021-04639-9	80
Microsatellite Genotyping Corroborated Loss of Genetic Diversity in Clarias batrachus as a Result of Lack of Regulatory Reforms in Aquaculture	Tiknaik, A; Khedkar, C; Khedkar, G; Prakash, B; Mamatha, DM; Sangale, D; Kalyankar, A	BIOCHEMICAL GENETICS	2020	0006-2928	http://dx.doi.org/10.1007/s10528-020-09963-0	10.1007/s10528-020-09963-0	50

Exploration of 2-(Substituted Phenyl)-thiazolidin-4-one as Anticancer Agents	Shinde, RB; Pansare, DN; Sarkate, AP; Tiwari, SV; Shelke, RN; Lokwani, D; Jain, S; Zine, AM	RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY	2023	1068-1620	http://dx.doi.org/10.1134/S1068162023080071	10.1134/S1068162023080071	51
Fluorophosphoric Acid Promoted Formation of Imines of Sulfonamides and Dihydropyridines at Room Temperature	Suryawanshi, VB; Mathakari, SS; Swami, MB; Mathapati, SR	ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL	2024	0030-4948	http://dx.doi.org/10.1080/00304948.2023.2238097	10.1080/00304948.2023.2238097	47
Univariate and Multivariate Ostrowski-Type Inequalities Using Atangana-Baleanu Caputo Fractional Derivative	Desta, HD; Pachpatte, DB; Mijena, JB; Abdi, T	AXIOMS	2022		http://dx.doi.org/10.3390/axioms11090482	10.3390/axioms11090482	24
Nutrient composition, bioactive components, functional, thermal and pasting properties of sweet potato flour-incorporated protein-enriched and low glycemic composite flour	Giri, NA; Sakhale, BK; Krishnakumar, T	JOURNAL OF FOOD PROCESSING AND PRESERVATION	2022	0145-8892	http://dx.doi.org/10.1111/jfpp.16244	10.1111/jfpp.16244	74

Povidone-Phosphotungstic Acid Hybrid: An Efficient and Environmentally Benign Catalyst for the Synthesis of Quinazolinone Derivatives	Kagne, R; Kalalawe, V; Niwadange, S; Mahurkar, S; Munde, D	MACROMOLECULAR SYMPOSIA	2020	1022-1360	http://dx.doi.org/10.1002/masy.201900212	10.1002/masy.201900212	28
Growth and exploration of visible-light-driven enhanced photocatalytic activity of Cu1-XCrxS/CdS heterojunction thin film for active dye degradation	Kutwade, VV; Gattu, KP; Sonawane, ME; Khan, F; Tonpe, DA; Balal, M; Barman, SR; Sharma, R	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2022	0947-8396	http://dx.doi.org/10.1007/s00339-022-05757-w	10.1007/s00339-022-05757-w	34
Sulfated Tin Oxide: An Immensely Potent and Reusable Catalyst for the Synthesis of Benzimidazole Derivatives	Kagne, R; Niwadange, S; Kalalawe, V; Gutte, R; Munde, D	MACROMOLECULAR SYMPOSIA	2019	1022-1360	http://dx.doi.org/10.1002/masy.201800238	10.1002/masy.201800238	23

Multiple tests on saffron find new adulterant materials and reveal that Ist grade saffron is rare in the market	Khilare, V; Tiknaik, A; Prakash, B; Ughade, B; Korhale, G; Nalage, D; Ahmed, N; Khedkar, C; Khedkar, G	FOOD CHEMISTRY	2019	0308-8146	http://dx.doi.org/10.1016/j.foodchem.2018.08.089	10.1016/j.foodchem.2018.08.089	36
Electric, dielectric and AC electrical conductivity study of Al3+ substituted barium hexaferrite nanoparticles synthesized by Sol-gel auto-combustion technique	Dhage, VN; Mane, ML; Rathod, SB; Rathod, SM; Jadhav, KM	MATERIALS TODAY-PROCEEDINGS	2021	2214-7853	http://dx.doi.org/10.1016/j.matpr.2021.04.119	10.1016/j.matpr.2021.04.119	48
Tuning of physical properties of multifunctional Mg-Zn spinel ferrite nanocrystals: a comparative investigations manufactured via conventional ceramic versus green approach sol-gel combustion route	Khirade, PP; Chavan, AR; Somvanshi, SB; Kounsalye, JS; Jadhav, KM	MATERIALS RESEARCH EXPRESS	2020		http://dx.doi.org/10.1088/2053-1591/abca6c	10.1088/2053-1591/abca6c	78

New N-phenylacetamide-incorporated 1,2,3-triazoles: [Et3NH][OAc]-mediated efficient synthesis and biological evaluation	Akolkar, SV; Nagargoje, AA; Krishna, VS; Sriram, D; Sangshetti, JN; Damale, M; Shingate, BB	RSC ADVANCES	2019		http://dx.doi.org/10.1039/c9ra03425k	10.1039/c9ra03425k	90
Tailored SnO2@MWCNTs efficient and recyclable nano-catalyst for selective synthesis of 4, 5-dihydropyrrolo [1, 2-a] quinoxalines via Pictet-Spengler reaction	Mathapati, SR; Alange, RC; Mol, CBS; Bhande, SS; Jadhav, AH	RESEARCH ON CHEMICAL INTERMEDIATES	2022	0922-6168	http://dx.doi.org/10.1007/s11164-022-04852-0	10.1007/s11164-022-04852-0	72
Influence of annealing on chemically grown PbS thin films and its DFT study	Sharma, R; Dive, AS; Han, SH	DAE SOLID STATE PHYSICS SYMPOSIUM 2019	2020	0094-243X	http://dx.doi.org/10.1063/5.0016614	10.1063/5.0016614	5
Estimation of accurate size, lattice strain using Williamson-Hall models, SSP and TEM of Al doped ZnO nanocrystals	Bodke, M; Gawai, U; Patil, A; Dole, B	MATERIAUX & TECHNIQUES	2019	0032-6895	http://dx.doi.org/10.1051/mattech/2018055	10.1051/mattech/2018055	17

Synthesis of Sodium Silicate based Aerogels by Ambient Pressure Drying and their Physical Properties	Khedkar, MV; Humbe, AV; Rao, AV; Bichile, GK; Jadhav, KM	DAE SOLID STATE PHYSICS SYMPOSIUM 2018	2019	0094-243X	http://dx.doi.org/10.1063/1.5113100	10.1063/1.5113100	7
On Generalized Caristi Type Satisfying Admissibility Mappings	Almazah, MMA; Hardan, B; Hamoud, AA; Ali, FAM	JOURNAL OF MATHEMATICS	2023	2314-4629	http://dx.doi.org/10.1155/2023/8390554	10.1155/2023/8390554	42
Poloxamer-Based In Situ Nasal Gel of Naratriptan Hydrochloride Deformable Vesicles for Brain Targeting	Shelke, S; Pathan, I; Shinde, G; Agrawal, G; Damale, M; Chouthe, R; Panzade, P; Kulkarni, D	BIONANOSCIENCE	2020	2191-1630	http://dx.doi.org/10.1007/s12668-020-00767-5	10.1007/s12668-020-00767-5	56
Superior humidity sensor and photodetector of mesoporous ZnO nanosheets at room temperature	Gupta, SP; Pawbake, AS; Sathe, BR; Late, DJ; Walke, PS	SENSORS AND ACTUATORS B-CHEMICAL	2019	0925-4005	http://dx.doi.org/10.1016/j.snb.2019.04.086	10.1016/j.snb.2019.04.086	50
Structure, Morphology, Cation Distribution and Magnetic Properties of Cr3+-Substituted CoFe2O4 Nanoparticles	Shinde, VS; Vinayak, V; Jadhav, SP; Shinde, ND; Humbe, AV; Jadhav, KM	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	2019	1557-1939	http://dx.doi.org/10.1007/s10948-018-4778-5	10.1007/s10948-018-4778-5	38

Dielectric Study of Methyl Acetate with Propylene Glycol Using Time Domain Reflectometry Technique	Kolhe, SB; Undre, PB; Maharolkar, AP; Khirade, PW	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2023	0036-0244	http://dx.doi.org/10.1134/S0036024423120166	10.1134/S0036024423120166	34
The future of edge computing	Sonone, SS; Saini, K; Jadhav, S; Sankhla, MS; Nagar, V	EDGE/FOG COMPUTING PARADIGM: THE CONCEPT PLATFORMS AND APPLICATIONS, VOL. 127	2022	0065-2458	http://dx.doi.org/10.1016/bs.adcom.2022.02.009	10.1016/bs.adcom.2022.02.009	38
Propargylated monocarbonyl curcumin analogues: synthesis, bioevaluation and molecular docking study	Nagargoje, AA; Akolkar, S; Subhedar, DD; Shaikh, MH; Sangshetti, JN; Khedkar, VM; Shingate, BB	MEDICINAL CHEMISTRY RESEARCH	2020	1054-2523	http://dx.doi.org/10.1007/s00044-020-02611-7	10.1007/s00044-020-02611-7	46
Perovskite thin-film working as a charge communicator with CdS/CuS heterostructure thin film for optoelectronic applications	Rashed, S; Kutwade, V; Gubari, GMM; Sharma, R	INDIAN JOURNAL OF PHYSICS	2024	0973-1458	http://dx.doi.org/10.1007/s12648-023-02851-4	10.1007/s12648-023-02851-4	34

Forensic investigations on 1900 years old brick and mortar samples from Buddhist stupa located at Nalasopara, India	Goli, VSNS; Yadav, R; Singh, MR	CONSTRUCTION AND BUILDING MATERIALS	2023	0950-0618	http://dx.doi.org/10.1016/j.conbuildmat.2022.130281	10.1016/j.conbuildmat.2022.130281	58
Hybrid Techniques for Diagnosis with WSIs for Early Detection of Cervical Cancer Based on Fusion Features	Mohammed, BA; Senan, EM; Al-Mekhlafi, ZG; Alazmi, M; Alayba, AM; Alanazi, AA; Alreshidi, A; Alshahrani, M	APPLIED SCIENCES-BASEL	2022		http://dx.doi.org/10.3390/app12178836	10.3390/app12178836	52
Eco-friendly green synthesis and characterizations of CoFe2-x AlxO4 nanocrystals: analysis of structural, magnetic, electrical, and dielectric properties	Chavan, AR; Khirade, PP; Somvanshi, SB; Mukhamale, SV; Jadhav, KM	JOURNAL OF NANOSTRUCTURE IN CHEMISTRY	2021	2008-9244	http://dx.doi.org/10.1007/s40097-020-00381-7	10.1007/s40097-020-00381-7	64
Developing System-Based Artificial Intelligence Models for Detecting the Deficit Hyperactivity Disorder	Alkahtani, H; Aldhyani, THH; Ahmed, ZAT; Alqarni, AA	MATHEMATICS	2023		http://dx.doi.org/10.3390/math11224698	10.3390/math11224698	101

Copper-catalyzed Convenient Synthesis and SAR Studies of Substituted-1,2,3-triazole as Antimicrobial Agents	Sarkate, AP; Karnik, KS; Wakte, PS; Sarkate, AP; Izankar, AV; Shinde, DB	LETTERS IN DRUG DESIGN & DISCOVERY	2019	1570-1808	http://dx.doi.org/10.2174/1570180815666180326153322	10.2174/1570180815666180326153322	28
Synthesis of New Amide Linked Biphenoloxy 1,2,3-Triazoles as Antitubercular and Antimicrobial Agents	Dhumal, ST; Deshmukh, TR; Haval, KP; Krishna, VS; Sriram, D; Khedkar, VM; Rehman, NNMA; Dixit, PP; Mane, RA	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2023.2225671	10.1080/10406638.2023.2225671	40
Design, synthesis, and biological evaluation of novel quinoline derivatives as small molecule mutant EGFR inhibitors targeting resistance in NSCLC: In vitro screening and ADME predictions	Kardile, RA; Sarkate, AP; Lokwani, DK; Tiwari, S; Azad, R; Thopate, SR	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2023	0223-5234	http://dx.doi.org/10.1016/j.ejmech.2022.114889	10.1016/j.ejmech.2022.114889	72

Mechanical Properties of Differently Nanostructured and High-Pressure Compressed Hydroxyapatite-Based Materials for Bone Tissue Regeneration	Ingole, VH; Ghule, SS; Vuherer, T; Kokol, V; Ghule, AV	MINERALS	2021		http://dx.doi.org/10.3390/min11121390	10.3390/min11121390	63
Complete Micro-Structural Analysis and Elastic Properties of Sm3+-Doped Ni-Mn-Zn Mixed Spinel Ferrite Nanoparticles	More, V; Kadam, S; Kadam, S; Wadgane, S; Kadam, R; Alone, S	MACROMOLECULAR SYMPOSIA	2021	1022-1360	http://dx.doi.org/10.1002/masy.202100115	10.1002/masy.202100115	30
Fractional boundary value problem with ψ-Caputo fractional derivative	Abdo, MS; Panchal, SK; Saeed, AM	PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES	2019	0253-4142	http://dx.doi.org/10.1007/s12044-019-0514-8	10.1007/s12044-019-0514-8	31
ZrCl4-Mg(ClO4)2: Highly efficient bimetallic catalyst for acetylation of alcohol with acetic acid	Alam, MM; Atkore, ST; Kamble, VT; Varala, R	BULLETIN OF THE KOREAN CHEMICAL SOCIETY	2022	0253-2964	http://dx.doi.org/10.1002/bkcs.12481	10.1002/bkcs.12481	64
Microwave Dielectric Relaxation in Binary Mixtures of 1,3-Diaminopropane in Dimethylaminoethanol	Undre, PB; Deshmukh, ML; Londhe, CT; Khirade, PW	INTEGRATED FERROELECTRICS	2020	1058-4587	http://dx.doi.org/10.1080/10584587.2019.1675012	10.1080/10584587.2019.1675012	45

Comparative study of gamma ray shielding competence of WO3-TeO2-PbO glass system to different glasses and concretes	Gaikwad, DK; Obaid, SS; Sayyed, MI; Bhosale, RR; Awasarmol, VV; Kumar, A; Shirsat, MD; Pawar, PP	MATERIALS CHEMISTRY AND PHYSICS	2018	0254-0584	http://dx.doi.org/10.1016/j.matchemphys.2018.04.019	10.1016/j.matchemphys.2018.04.019	53
Influential trivalent ion (Cr3+) substitution in mixed Ni-Zn nanoferrites: Cation distribution, magnetic, Mossbauer, electric, and dielectric studies	Humbe, AV; Somvanshi, SB; Kounsalye, JS; Kumar, A; Jadhav, KM	CERAMICS INTERNATIONAL	2022	0272-8842	http://dx.doi.org/10.1016/j.ceramint.2022.08.164	10.1016/j.ceramint.2022.08.164	33
Synthesis of Bioactive 1,4-DHPs Using Sulfated Tin Oxide as an Efficient Solid Superacid Catalyst	Kagne, R; Niwadange, S; Kalalawe, V; Khansole, G; Munde, D	MACROMOLECULAR SYMPOSIA	2021	1022-1360	http://dx.doi.org/10.1002/masy.202100056	10.1002/masy.202100056	29
Structure features of peptide-type SARS-CoV main protease inhibitors: Quantitative structure activity relationship study	Masand, VH; Akasapu, S; Gandhi, A; Rastija, V; Patil, MK	CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS	2020	0169-7439	http://dx.doi.org/10.1016/j.chemolab.2020.104172	10.1016/j.chemolab.2020.104172	33

Mechanical Properties and Cytotoxicity of Differently Structured Nanocellulose-hydroxyapatite Based Composites for Bone Regeneration Application	Ingole, VH; Vuherer, T; Maver, U; Vinchurkar, A; Ghule, AV; Kokol, V	NANOMATERIALS	2020		http://dx.doi.org/10.3390/nano10010025	10.3390/nano10010025	71
Electrochemical Detection of Heavy Metal Ions Based on Nanocomposite Materials	Shirsat, MD; Hianik, T	JOURNAL OF COMPOSITES SCIENCE	2023	2504-477X	http://dx.doi.org/10.3390/jcs7110473	10.3390/jcs7110473	212
A facile synthesis and characterization of some novel benzimidazole derivatives	Shinde, RB; Pansare, DN; Shelke, RN; Sarkate, AP; Tiwari, S; Bangal, MN; Bhagat, DS; Zine, AM	RESULTS IN CHEMISTRY	2023	2211-7156	http://dx.doi.org/10.1016/j.rechem.2023.101134	10.1016/j.rechem.2023.101134	35
Green Synthesis of Silver Nanoparticles Using the Tridax procumbens Plant Extract and Screening of Its Antimicrobial and Anticancer Activities	Pungle, R; Nile, SH; Makwana, N; Singh, R; Singh, RP; Kharat, AS	OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	2022	1942-0900	http://dx.doi.org/10.1155/2022/9671594	10.1155/2022/9671594	62

Design, simulation, and analysis of nanostructures for low power devices	Bandewad, GW; Pawar, SN; Shinde, PB; Kamble, CP	MATERIALS TODAY-PROCEEDINGS	2022	2214-7853	http://dx.doi.org/10.1016/j.matpr.2022.06.414	10.1016/j.matpr.2022.06.414	31
Extending the identification of structural features responsible for anti-SARS-CoV activity of peptide-type compounds using QSAR modelling	Masand, VH; Rastija, V; Patil, MK; Gandhi, A; Chapolikar, A	SAR AND QSAR IN ENVIRONMENTAL RESEARCH	2020	1062-936X	http://dx.doi.org/10.1080/1062936X.2020.1784271	10.1080/1062936X.2020.1784271	48
Photocatalytic Environmental Remediation of Cassiterite-Titania Nanocomposite	Mane, CB; Pawar, RP; Patil, RP; Patil, SB	MACROMOLECULAR SYMPOSIA	2020	1022-1360	http://dx.doi.org/10.1002/masy.202000176	10.1002/masy.202000176	18
Development of Lightweight Polymer Laminates for Radiation Shielding and Electronics Applications	Vignesh, S; Jappes, JTW; Nagaveena, S; Sharma, RK; Khan, MA; More, CV; Rajini, N; Varol, T	INTERNATIONAL JOURNAL OF POLYMER SCIENCE	2022	1687-9422	http://dx.doi.org/10.1155/2022/5252528	10.1155/2022/5252528	28
Data Analytics for the Identification of Fake Reviews Using Supervised Learning	Alsubari, SN; Deshmukh, SN; Alqarni, AA; Alsharif, N; Aldhyani, THH; Alsaade, FW; Khalaf, OI	CMC-COMPUTERS MATERIALS & CONTINUA	2022	1546-2218	http://dx.doi.org/10.32604/cmc.2022.019625	10.32604/cmc.2022.019625	39

A cost-effective and efficient approach for generating and assembling reagents for conducting real-time PCR (vol 46, 109, 2021)	Mote, RD; Laxmikant, SV; Singh, SB; Tiwari, M; Singh, H; Srivastava, J; Tripathi, V; Seshadri, V; Majumdar, A; Subramanyam, D	JOURNAL OF BIOSCIENCES	2022	0250-5991	http://dx.doi.org/10.1007/s12038-021-00242-7	10.1007/s12038-021-00242-7	1
Tetrazoloquinoline-1,2,3-Triazole Derivatives as Antimicrobial Agents: Synthesis, Biological Evaluation and Molecular Docking Study	Shaikh, MH; Subhedar, DD; Akolkar, SV; Nagargoje, AA; Khedkar, VM; Sarkar, D; Shingate, BB	POLYCYCLIC AROMATIC COMPOUNDS	2022	1040-6638	http://dx.doi.org/10.1080/10406638.2020.1821229	10.1080/10406638.2020.1821229	60
Factors associated with the intention to use information technology in audit in Iraq	Allami, KKJ; Almaqtari, FA; Al-Hattami, HM; Sapra, R	INFORMATION DISCOVERY AND DELIVERY	2024	2398-6247	http://dx.doi.org/10.1108/IDD-12-2022-0128	10.1108/IDD-12-2022-0128	64
Design and Synthesis of New Aryloxy-linked Dimeric 1,2,3-Triazoles via Click Chemistry Approach: Biological Evaluation and Molecular Docking Study	Deshmukh, TR; Khare, SP; Krishna, VS; Sriram, D; Sangshetti, JN; Bhusnure, O; Khedkar, VM; Shingate, BB	JOURNAL OF HETEROCYCLIC CHEMISTRY	2019	0022-152X	http://dx.doi.org/10.1002/jhet.3608	10.1002/jhet.3608	71

Low-concentration ammonia gas sensing using polyaniline nanofiber thin film grown by rapid polymerization technique	Upadhye, DS; Dive, AS; Birajadar, RB; Bagul, SB; Gattu, KP; Sharma, R	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	0957-4522	http://dx.doi.org/10.1007/s10854-022-09069-w	10.1007/s10854-022-09069-w	69
Optimization of Aluminium Doping Concentration in Titanium Dioxide Nanoparticles Photo Anode for Enhancing Efficiency of Dye-Sensitized Solar Cell	Kulkarni, SS; Bodkhe, GA; Sayyad, PW; Deshmukh, MA; Hussaini, SS; Shirsat, MD	INTERNATIONAL JOURNAL OF NANOSCIENCE	2020	0219-581X	http://dx.doi.org/10.1142/S0219581X2050009X	10.1142/S0219581X2050009X	36
Fractional Integro-Differential Equations with Nonlocal Conditions and ψ-Hilfer Fractional Derivative	Abdo, MS; Panchal, SK; Hussien, HS	MATHEMATICAL MODELLING AND ANALYSIS	2019	1392-6292	http://dx.doi.org/10.3846/mma.2019.034	10.3846/mma.2019.034	25
An empirical examination of AIS success at the organizational level in the era of COVID-19 pandemic	Al-Hattami, HM; Senan, NAM; Al-Hakimi, MA; Azharuddin, S	GLOBAL KNOWLEDGE MEMORY AND COMMUNICATION	2024	2514-9342	http://dx.doi.org/10.1108/GKMC-04-2022-0094	10.1108/GKMC-04-2022-0094	71
Hybrid and Deep Learning Approach for Early Diagnosis of Lower Gastrointestinal Diseases	Fati, SM; Senan, EM; Azar, AT	SENSORS	2022		http://dx.doi.org/10.3390/s22114079	10.3390/s22114079	46

Results on Implicit Fractional Pantograph Equations with Mittag-Leffler Kernel and Nonlocal Condition	Almalahi, MA; Panchal, SK; Jarad, F	JOURNAL OF MATHEMATICS	2022	2314-4629	http://dx.doi.org/10.1155/2022/9693005	10.1155/2022/9693005	42
Structural, Optical and Magnetic Properties of Diamagnetic Cd2+ Incorporated Cobalt Ferrite Thin Films Deposited by Spray Pyrolysis	Jadhav, GL; Khirade, PP; Chavan, AR; Kale, CM; Jadhav, KM	JOURNAL OF ELECTRONIC MATERIALS	2021	0361-5235	http://dx.doi.org/10.1007/s11664-021-09199-7	10.1007/s11664-021-09199-7	85
Investigating a Generalized Fractional Quadratic Integral Equation	Abood, BN; Redhwan, SS; Bazighifan, O; Nonlaopon, K	FRACTAL AND FRACTIONAL	2022		http://dx.doi.org/10.3390/fractalfract6050251	10.3390/fractalfract6050251	32
Overall noble metal free Ni and Fe doped Cu2 ZnSnS4 (CZTS) bifunctional electrocatalytic systems for enhanced water splitting reactions	Digraskar, RV; Mali, SM; Tayade, SB; Ghule, AV; Sathe, BR	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2019	0360-3199	http://dx.doi.org/10.1016/j.ijhydene.2019.02.054	10.1016/j.ijhydene.2019.02.054	63
Deep Learning Algorithms for Behavioral Analysis in Diagnosing Neurodevelopmental Disorders	Alkahtani, H; Ahmed, ZAT; Aldhyani, THH; Jadhav, ME; Alqarni, AA	MATHEMATICS	2023		http://dx.doi.org/10.3390/math11194208	10.3390/math11194208	29

Metal-organic framework derived carbon-based electrocatalysis for hydrogen evolution reactions: A review	Gunaseelan, H; Munde, AV; Patel, R; Sathe, BR	MATERIALS TODAY SUSTAINABILITY	2023	2589-2347	http://dx.doi.org/10.1016/j.mtsust.2023.100371	10.1016/j.mtsust.2023.100371	116
A comparative study on fibrinolytic enzymes extracted from six Bacillus spp. isolated from fruit-vegetable waste biomass	Salunke, AS; Nile, SH; Kharat, AS	FOOD BIOSCIENCE	2022	2212-4292	http://dx.doi.org/10.1016/j.fbio.2022.102149	10.1016/j.fbio.2022.102149	40
Effect of Phosphorescent and TADF Guests on the Absorption, Emission, and Nanoscale Morphological Properties of Thin Emissive Layer	Meer, BB; Sharma, D; Tak, S; Tarkas, HS; Bisen, GG; Patil, SS; Sali, JV; Shirsat, MD; Girija, KG; Ghosh, SS	BRAZILIAN JOURNAL OF PHYSICS	2022	0103-9733	http://dx.doi.org/10.1007/s13538-022-01125-4	10.1007/s13538-022-01125-4	25
Novel Metformin-Based Schiff Bases: Synthesis, Characterization, and Antibacterial Evaluation	Al-Qadsy, I; Saeed, WS; Al-Odayni, AB; Al-Faqeeh, LAS; Alghamdi, AA; Farooqui, M	MATERIALS	2020		http://dx.doi.org/10.3390/ma13030514	10.3390/ma13030514	51

Dye sensitized solar cell based on environmental friendly eosin Y dye and Al doped titanium dioxide nano particles	Kulkarni, SS; Bodkhe, GA; Shirsat, SM; Hussaini, SS; Shejwal, NN; Shirsat, MD	MATERIALS RESEARCH EXPRESS	2018	2053-1591	http://dx.doi.org/10.1088/2053-1591/aab2d1	10.1088/2053-1591/aab2d1	27
Microwave spectroscopy modelling for geophysical parameter retrieval using synthetic aperture radar (SAR) dataset	Shaikh, MA; Anpat, SM; Dongare, AK; Khirade, PW; Sayyad, SB	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	2018	0019-5596			9
Single step chemical growth of ZnMgS nanorod thin film and its DFT study	Dive, AS; Gattu, KP; Huse, NP; Upadhayay, DR; Phase, DM; Sharma, RB	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2018	0921-5107	http://dx.doi.org/10.1016/j.mseb.2017.11.018	10.1016/j.mseb.2017.11.018	40
Heterostructural CuO-ZnO Nanocomposites: A Highly Selective Chemical and Electrochemical NO2 Sensor	Mali, SM; Narwade, SS; Navale, YH; Tayade, SB; Digraskar, RV; Patil, VB; Kumbhar, AS; Sathe, BR	ACS OMEGA	2019	2470-1343	http://dx.doi.org/10.1021/acsomega.9b01382	10.1021/acsomega.9b01382	108

Formation of defect, oxygen vacancy creation, and shifting of phonon mode by Li3+ swift heavy ion irradiation on Zn1-x Mn x O thin films	Khawal, HA; Mote, VD; Asokan, K; Dole, BN	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2018	1432-8488	http://dx.doi.org/10.1007/s10008-017-3833-7	10.1007/s10008-017-3833-7	53
Physicochemical Analysis of Zinc Oxide Nanodispersion in Folic Acid Solution at T=303.15 K	Alameen, AS; Yaseen, SA; Saif, FA; Undre, SB; Undre, PB	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2023	0036-0244	http://dx.doi.org/10.1134/S0036024423110031	10.1134/S0036024423110031	48
New results for a coupled system of ABR fractional differential equations with sub-strip boundary conditions	Almalahi, MA; Panchal, SK; Aljaaidi, TA; Jarad, F	AIMS MATHEMATICS	2022		http://dx.doi.org/10.3934/math.2022244	10.3934/math.2022244	29
Design and optimization of microheater for smart gas sensor applications	Bandewad, GW; Pawar, SN; Shinde, PB; Kamble, CP	MATERIALS TODAY-PROCEEDINGS	2022	2214-7853	http://dx.doi.org/10.1016/j.matpr.2022.04.240	10.1016/j.matpr.2022.04.240	28

[DBUH][OAc]-Catalyzed Domino Synthesis of Novel Benzimidazole Incorporated 3,5-Bis (Arylidene)-4-Piperidones as Potential Antitubercular Agents	Subhedar, DD; Shaikh, MH; Nagargoje, AA; Sarkar, D; Khedkar, VM; Shingate, BB	POLYCYCLIC AROMATIC COMPOUNDS	2022	1040-6638	http://dx.doi.org/10.1080/10406638.2021.1995008	10.1080/10406638.2021.1995008	63
EDTA_PANI/SWCNTs nanocomposite modified electrode for electrochemical determination of copper (II), lead (II) and mercury (II) ions	Deshmukh, MA; Celiesiute, R; Ramanaviciene, A; Shirsat, MD; Ramanavicius, A	ELECTROCHIMICA ACTA	2018	0013-4686	http://dx.doi.org/10.1016/j.electacta.2017.10.131	10.1016/j.electacta.2017.10.131	48
Antimicrobial Activity of Novel Ni(II) and Zn(II) Complexes with (E)-2-((5-Bromothiazol-2-yl)imino)methyl)phenol Ligand: Synthesis, Characterization and Molecular Docking Studies	Al-Qadsy, I; Saeed, WS; Al-Owais, AA; Semlali, A; Alrabie, A; Al-Faqeeh, LAS; Alsaeedy, M; Al-Adhreai, A; Al-Odayni, AB; Farooqui, M	ANTIBIOTICS-BASEL	2023	2079-6382	http://dx.doi.org/10.3390/antibiotics12111634	10.3390/antibiotics12111634	51

Effect of AIS on planning process effectiveness: a case of SMEs in a less developed nation	Al-Hattami, HM; Abdullah, AAAH; Kabra, JD; Alsoufi, MAZ; Gaber, MMA; Shuraim, AMA	BOTTOM LINE	2022	0888-045X	http://dx.doi.org/10.1108/BL-01-2022-0001	10.1108/BL-01-2022-0001	79
Explorations of novel pyridine-pyrimidine hybrid phosphonate derivatives as aurora kinase inhibitors	Tiwari, SV; Sarkate, AP; Lokwani, DK; Pansare, DN; Gattani, SG; Sheaikh, SS; Jain, SP; Bhandari, SV	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2022	0960-894X	http://dx.doi.org/10.1016/j.bmcl.2022.128747	10.1016/j.bmcl.2022.128747	38
Synergetic Catalytic Bleaching Earth Clay and PEG-400 for Rapid Synthesis of Polyhydroquinoline Derivatives and Their 2,2-Diphyenyl-1-picrylhydrazyl Radical Scavenging Activity	Raithak, PV; Dhabe, AS; Atkore, ST; Alam, MM; Kotra, V; Varala, R	INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY	2022	0971-1627			47
Core-shell structured superparamagnetic Zn-Mg ferrite nanoparticles for magnetic hyperthermia applications	Somvanshi, SB; Jadhav, SA; Gawali, SS; Zakde, K; Jadhav, KM	JOURNAL OF ALLOYS AND COMPOUNDS	2023	0925-8388	http://dx.doi.org/10.1016/j.jallcom.2023.169574	10.1016/j.jallcom.2023.169574	39

Convenient multicomponent synthesis of furo[3,2-c]coumarins in the promoting medium DIPEAc and assessment of their therapeutic potential through in silico pharmacophore based target screening	Shaikh, SM; Yadav, VK; Mali, G; Bondle, GM; Kumar, A; Erande, RD; Bhattacharyya, S; Bhosle, MR	NEW JOURNAL OF CHEMISTRY	2022	1144-0546	http://dx.doi.org/10.1039/d2nj03838b	10.1039/d2nj03838b	50
Stability results of positive solutions for a system of ψ -Hilfer fractional differential equations	Almalahi, MA; Panchal, SK; Jarad, F	CHAOS SOLITONS & FRACTALS	2021	0960-0779	http://dx.doi.org/10.1016/j.chaos.2021.110931	10.1016/j.chaos.2021.110931	54
Investigations of magnetic and ferroelectric properties of multiferroic Sr-doped bismuth ferrite	Shisode, MV; Kounsalye, JS; Humbe, AV; Kambale, RC; Jadhav, KM	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2018	0947-8396	http://dx.doi.org/10.1007/s00339-018-2025-3	10.1007/s00339-018-2025-3	50
Estimation of neutron and gamma-ray attenuation characteristics of some ferrites: Geant4, FLUKA and WinXCom studies	More, CV; Akman, F; Dilsiz, K; Ogul, H; Pawar, PP	APPLIED RADIATION AND ISOTOPES	2023	0969-8043	http://dx.doi.org/10.1016/j.apradiso.2023.110803	10.1016/j.apradiso.2023.110803	72

Influence of Al3+-Gd3+ co-substitution on the structural, morphological, magnetic and optical properties of nickel ferrite nanoparticles	Gopale, SB; Khedkar, MV; Jadhav, SA; Raut, AV; Karad, SS; Kulkarni, GD; Jadhav, KM	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	0957-4522	http://dx.doi.org/10.1007/s10854-022-09332-0	10.1007/s10854-022-09332-0	70
Structural studies of silica-supported spinel magnesium ferrite nanorods for photocatalytic degradation of methyl orange	Kazi, SK; Inamdar, SN; Kamble, DP; Lohar, KS; Suryawanshi, AW; Tigote, RM	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	2022	0009-4536	http://dx.doi.org/10.1002/jccs.202200010	10.1002/jccs.202200010	65
Structural, morphological, and DC-electrical examination of Ni1-xCdxFe2O4 nanoparticles fabricated via Sol-gel auto-combustion	Patil, MR; Keche, AP; Babrekar, MK; Raut, AV; Shengule, DR; Jadhav, KM	MATERIALS TODAY-PROCEEDINGS	2022	2214-7853	http://dx.doi.org/10.1016/j.matpr.2022.05.447	10.1016/j.matpr.2022.05.447	14
Organocatalyzed Domino Synthesis of New Thiazole-Based Decahydroacridine-1,8-diones and Dihydropyrido[2,3-d: 6,5-d']- dipyrimidines in Water as Antimicrobial Agents	Bhosle, MR; Kharote, SA; Bondle, GM; Sangshetti, JN; Ansari, SA; Alkahtani, HM	CHEMISTRY & BIODIVERSITY	2020	1612-1872	http://dx.doi.org/10.1002/cbdv.201900577	10.1002/cbdv.201900577	51

Green synthesis and characterization of Solanum xanthocarpum capped silver nanoparticles and its antimicrobial effect on multidrug-resistant bacterial (MDR) isolates	Pungle, R; Nile, SH; Kharat, AS	CHEMICAL BIOLOGY & DRUG DESIGN	2023	1747-0277	http://dx.doi.org/10.1111/cbdd.13945	10.1111/cbdd.13945	41
PANI-ZnO Cladding-Modified Optical Fiber Biosensor for Urea Sensing Based on Evanescent Wave Absorption	Botewad, SN; Pahurkar, VG; Muley, GG; Gaikwad, DK; Bodkhe, GA; Shirsat, MD; Pawar, PP	FRONTIERS IN MATERIALS	2020	2296-8016	http://dx.doi.org/10.3389/fmats.2020.00184	10.3389/fmats.2020.00184	36
Low cost nanostructure kesterite CZTS thin films for solar cells application	Mahajan, S; Stathatos, E; Huse, N; Birajdar, R; Kalarakis, A; Sharma, R	MATERIALS LETTERS	2018	0167-577X	http://dx.doi.org/10.1016/j.matlet.2017.09.001	10.1016/j.matlet.2017.09.001	21
Advanced energy materials: Current trends and challenges in electro- and photo-catalysts for H2O splitting	Deshmukh, MA; Park, SJ; Thorat, HN; Bodkhe, GA; Ramanavicius, A; Ramanavicius, S; Shirsat, MD; Ha, TJ	JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY	2023	1226-086X	http://dx.doi.org/10.1016/j.jiec.2022.11.054	10.1016/j.jiec.2022.11.054	211

Multipoint BVP for the Langevin Equation under ϕ-Hilfer Fractional Operator	Almalahi, MA; Panchal, SK; Jarad, F	JOURNAL OF FUNCTION SPACES	2022	2314-8896	http://dx.doi.org/10.1155/2022/2798514	10.1155/2022/2798514	36
Photocatalytic performance of graphene-based Cr-substituted β ZnS nanocomposites	Dake, DV; Raskar, ND; Mane, VA; Sonpir, RB; Khawal, HA; Deshpande, U; Stathatos, E; Dole, BN	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2022	0947-8396	http://dx.doi.org/10.1007/s00339-022-05407-1	10.1007/s00339-022-05407-1	64
A novel three-dimensional electrochemical Cd(II) biosensor based on L-glutathione capped poly(3,4-ethylenedioxythiophene):polystyrene sulfonate/carboxylated multiwall CNT network	Sayyad, PW; Sontakke, KS; Farooqui, AA; Shirsat, SM; Tsai, ML; Shirsat, MD	JOURNAL OF SCIENCE-ADVANCED MATERIALS AND DEVICES	2022	2468-2284	http://dx.doi.org/10.1016/j.jsamd.2022.100504	10.1016/j.jsamd.2022.100504	48

A cost-effective and efficient approach for generating and assembling reagents for conducting real-time PCR	Mote, RD; Laxmikant, VS; Singh, SB; Tiwari, M; Singh, H; Srivastava, J; Tripathi, V; Seshadri, V; Majumdar, A; Subramanyam, D	JOURNAL OF BIOSCIENCES	2021	0250-5991	http://dx.doi.org/10.1007/s12038-021-00231-w	10.1007/s12038-021-00231-w	17
Classification of Histopathological Images for Early Detection of Breast Cancer Using Deep Learning	Senan, EM; Alsaade, FW; Al-mashhadani, MIA; Aldhyani, THH; Al-Adhaileh, MH	JOURNAL OF APPLIED SCIENCE AND ENGINEERING	2021	2708-9967	http://dx.doi.org/10.6180/jase.202106_24(3).0007	10.6180/jase.202106_24(3).0007	34
Novel Benzylidenehydrazide-1,2,3-Triazole Conjugates as Antitubercular Agents: Synthesis and Molecular Docking	Shaikh, MH; Subhedar, DD; Nawale, L; Sarkar, D; Khan, FAK; Sangshetti, JN; Shingate, BB	MINI-REVIEWS IN MEDICINAL CHEMISTRY	2019	1389-5575	http://dx.doi.org/10.2174/1389557518666180718124858	10.2174/1389557518666180718124858	72

Synthesis of a Conducting Polymer - Polyaniline - based Layers Suitable for the Application in Electrochromic Sensors	Ramanavicius, A; Deshmukh, MA; Bagdziunas, G; Shirsat, MD; Ramanaviciene, A	PROCEEDINGS OF THE 2018 IEEE 8TH INTERNATIONAL CONFERENCE NANOMATERIALS: APPLICATION & PROPERTIES (NAP-2018)	2018				22
Synthesis and Biological Evaluation of Novel Asymmetric (E)-3-(4-(Benzyloxy) Phenyl)-2-((Substituted Benzylidene) Amino)-1-(Thiazolidin-3-yl) Propan-1-One and Computational Validation by Molecular Docking and QSTR Studies	Pund, AA; Gaikwad, ST; Farooqui, M; Pund-Nale, RA; Shaikh, MH; Magare, BK	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2022.2046615	10.1080/10406638.2022.2046615	41
Synthesis and biological evaluation of novel triazole-biscoumarin conjugates as potential antitubercular and anti-oxidant agents	Danne, AB; Choudhari, AS; Sarkar, D; Sangshetti, JN; Khedkar, VM; Shingate, BB	RESEARCH ON CHEMICAL INTERMEDIATES	2018	0922-6168	http://dx.doi.org/10.1007/s11164-018-3490-1	10.1007/s11164-018-3490-1	69

Investigation of the Anti-inflammatory potential of Mono-carbonyl Analogues of Curcumin	Nagargoje, AA; Akolkar, SV; Shaikh, MH; Akolkar, HKN; Raut, DN; Pisal, PM; Khedkar, VM; Shingate, BB	ANALYTICAL CHEMISTRY LETTERS	2022	2229-7928	http://dx.doi.org/10.1080/22297928.2022.2132877	10.1080/22297928.2022.2132877	35
Click chemistry inspired syntheses of new amide linked 1,2,3-triazoles from naphthols: biological evaluation and in silico computational study	Akolkar, SV; Shaikh, MH; Bhalmode, MK; Pawar, PU; Sangshetti, JN; Damale, MG; Shingate, BB	RESEARCH ON CHEMICAL INTERMEDIATES	2023	0922-6168	http://dx.doi.org/10.1007/s11164-023-05008-4	10.1007/s11164-023-05008-4	56
UPR/Titanium dioxide nanocomposite: Preparation, characterization and application in photon/neutron shielding	More, CV; Botewad, SN; Akman, F; Agar, O; Pawar, PP	APPLIED RADIATION AND ISOTOPES	2023	0969-8043	http://dx.doi.org/10.1016/j.apradiso.2023.110688	10.1016/j.apradiso.2023.110688	67
Assessment of physicochemical properties of nanoceria dispersed in aqueous surfactant at 298.15 K	Yaseen, SA; Alameen, AS; Saif, FA; Undre, SB; Undre, PB	CHEMICAL PAPERS	2022	0366-6352	http://dx.doi.org/10.1007/s11696-022-02438-z	10.1007/s11696-022-02438-z	64

Design, Synthesis, and Biological Evaluation of Densely Substituted Dihydropyrano[2,3-c]pyrazoles via a Taurine-Catalyzed Green Multicomponent Approach	Mali, G; Shaikh, BA; Garg, S; Kumar, A; Bhattacharyya, S; Erande, RD; Chate, AV	ACS OMEGA	2021	2470-1343	http://dx.doi.org/10.1021/acsomega.1c04773	10.1021/acsomega.1c04773	48
Green innovation for sustainable development: leveraging green knowledge integration, blockchain technology and green supply chain integration	Al-Swidi, AK; Al-Hakimi, MA; Alyahya, MS	JOURNAL OF KNOWLEDGE MANAGEMENT	2023	1367-3270	http://dx.doi.org/10.1108/JKM-12-2022-0939	10.1108/JKM-12-2022-0939	116
New 1,2,3-Triazole-Appended Bis-pyrazoles: Synthesis, Bioevaluation, and Molecular Docking	Danne, AB; Deshpande, MV; Sangshetti, JN; Khedkar, VM; Shingate, BB	ACS OMEGA	2021	2470-1343	http://dx.doi.org/10.1021/acsomega.1c03734	10.1021/acsomega.1c03734	60

EDTA-modified PANI/SWNTs nanocomposite for differential pulse voltammetry based determination of Cu(II) ions	Deshmukh, MA; Patil, HK; Bodkhe, GA; Yasuzawa, M; Koinkar, P; Ramanaviciene, A; Shirsat, MD; Ramanavicius, A	SENSORS AND ACTUATORS B-CHEMICAL	2018		http://dx.doi.org/10.1016/j.snb.2017.12.160	10.1016/j.snb.2017.12.160	68
Synthesis, cation distribution, morphology, and physicochemical properties of Ni1-xCdxFe2O4 NPs	Devmunde, BH; Nandagawali, DP; Badhe, SG; Aepurwar, DN; Raut, AV; Shukla, SJ	MATERIALS TODAY-PROCEEDINGS	2022	2214-7853	http://dx.doi.org/10.1016/j.matpr.2022.07.100	10.1016/j.matpr.2022.07.100	25
Effect of Cd/S ratio on growth and physical properties of CdS thin films for photosensor application	Mohammed, IMS; Gubari, GMM; Huse, NP; Dive, AS; Han, SH; Sharma, R	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2020	0957-4522	http://dx.doi.org/10.1007/s10854-020-03543-z	10.1007/s10854-020-03543-z	21
Systematic analysis on linear and nonlinear optical traits of citrulline doped NH4H2PO4 (ADP) crystal	Shaikh, RN; Anis, M; Shirsat, MD; Hussaini, SS	OPTIK	2018	0030-4026	http://dx.doi.org/10.1016/j.ijleo.2017.10.107	10.1016/j.ijleo.2017.10.107	40

Tuning Coating Thickness of Iron Tetraphenyl Porphyrin on Single Walled Carbon Nanotubes by Annealing: Effect on Benzene Sensing Performance	Rushi, A; Datta, K; Ghosh, P; Mulchandani, A; Shirsat, M	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE	2018	1862-6300	http://dx.doi.org/10.1002/pssa.201700956	10.1002/pssa.201700956	60
Selective and sensitive chemiresistive sensors based on polyaniline/graphene oxide nanocomposite: A cost-effective approach	Mohammed, HY; Farea, MA; Sayyad, PW; Ingle, NN; Al-Gahouari, T; Mahadik, MM; Bodkhe, GA; Shirsat, SM; Shirsat, MD	JOURNAL OF SCIENCE-ADVANCED MATERIALS AND DEVICES	2022	2468-2284	http://dx.doi.org/10.1016/j.jsamd.2021.08.004	10.1016/j.jsamd.2021.08.004	36
RETRACTED: Spinel zinc ferrite nanoparticles: an active nanocatalyst for microwave irradiated solvent free synthesis of chalcones (Retracted Article)	Borade, RM; Somvanshi, SB; Kale, SB; Pawar, RP; Jadhav, KM	MATERIALS RESEARCH EXPRESS	2020		http://dx.doi.org/10.1088/2053-1591/ab6c9c	10.1088/2053-1591/ab6c9c	73

Study of gamma ray energy absorption and exposure buildup factors for ferrites by geometric progression fitting method	Raut, SD; Awasarmol, VV; Shaikh, SF; Ghule, BG; Ekar, SU; Mane, RS; Pawar, PP	RADIATION EFFECTS AND DEFECTS IN SOLIDS	2018	1042-0150	http://dx.doi.org/10.1080/10420150.2018.1439492	10.1080/10420150.2018.1439492	22
Resource Configuration for Throughput Maximization in UAV-WPCN With Intelligent Reflecting Surface	Xue, L; Gong, X; Shen, YY; Panchal, B; Wang, CJ; Wang, YL	IEEE ACCESS	2023	2169-3536	http://dx.doi.org/10.1109/ACCESS.2023.3266375	10.1109/ACCESS.2023.3266375	39
Synthesis and evaluation of 1, 2, 3-triazole benzoate derivatives for inhibition of serine β-lactamases in extensively drug resistant pathogenic E. coli strains	Oman, HS; Kharat, AA; Phatak, PS; Haval, KP; Kulkarni, JA; Kakde, GS; Kharat, KR; Kadam, DG; Kharat, AS	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY REPORTS	2023	2772-4174	http://dx.doi.org/10.1016/j.ejmcr.2023.100109	10.1016/j.ejmcr.2023.100109	29

Ultrasensitive and Selective Electrochemical Sensor Based on Yttrium Benzenetricarboxylate Porous Coordination Polymer (Y-BTC) for Detection of Pb2+ from Bio-Analytes	Patil, SS; Deore, KB; Narwade, VN; Peng, WP; Hianik, T; Shirsat, MD	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	2023	2162-8769	http://dx.doi.org/10.1149/2162-8777/acd1af	10.1149/2162-8777/acd1af	57
Diamagnetic Al3+ Doped Ni-Zn Spinel Ferrite: Rietveld Refinement, Elastic, Magnetic, Mossbauer, and Electrical Explorations	Undre, PG; Humbe, AV; Kounsalye, JS; Kumar, A; Kathare, RV; Jadhav, KM	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	2023	1574-1443	http://dx.doi.org/10.1007/s10904-023-02755-0	10.1007/s10904-023-02755-0	64
Selective and sensitive detection of lead Pb(II) ions: Au/SWNT nanocomposite-embedded MOF-199	Bodkhe, GA; Hedau, BS; Deshmukh, MA; Patil, HK; Shirsat, SM; Phase, DM; Pandey, KK; Shirsat, MD	JOURNAL OF MATERIALS SCIENCE	2021	0022-2461	http://dx.doi.org/10.1007/s10853-020-05285-z	10.1007/s10853-020-05285-z	48

Development of oxygen vacancies and surface defects in Mn-doped ZnO nanoflowers for enhancing visible light photocatalytic activity	Raskar, N; Dake, D; Khawal, H; Deshpande, U; Asokan, K; Dole, B	SN APPLIED SCIENCES	2020	2523-3963	http://dx.doi.org/10.1007/s42452-020-3053-0	10.1007/s42452-020-3053-0	50
Synthesis and characterization of new squaraine dyes with bis-pendent carboxylic groups for dye-sensitized solar cells	Al-horaibi, SA; Asiri, AM; El-Shishtawy, RM; Gaikwad, ST; Rajbhoj, AS	JOURNAL OF MOLECULAR STRUCTURE	2019	0022-2860	http://dx.doi.org/10.1016/j.molstruc.2019.06.056	10.1016/j.molstruc.2019.06.056	50
Synthesis of (Z)-5-(substituted benzylidene)-2-((substituted phenyl) amino)thiazol-4(5H)-one analogues with antitubercular activity	Shelke, RN; Pansare, DN; Sarkate, AP; Karnik, KS; Sarkate, AP; Shinde, DB; Thopate, SR	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE	2019	1658-3655	http://dx.doi.org/10.1080/16583655.2019.1622846	10.1080/16583655.2019.1622846	33
Green synthesis and investigations of structural, cation distribution, morphological, and magnetic properties of nanoscale nickel ferrites: the effect of green fuel proportion	Kulkarni, GD; Khedkar, MV; Somvanshi, SB; Borade, RM; More, SD; Jadhav, KM	PHASE TRANSITIONS	2021	0141-1594	http://dx.doi.org/10.1080/01411594.2021.1993221	10.1080/01411594.2021.1993221	45

One step synthesis of vertically grown Mn-doped ZnO nanorods for photocatalytic application	Raskar, ND; Dake, DV; Mane, VA; Stathatos, E; Deshpande, U; Dole, B	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2019	0957-4522	http://dx.doi.org/10.1007/s10854-019-01433-7	10.1007/s10854-019-01433-7	52
Exercising substituents in porphyrins for real time selective sensing of volatile organic compounds	Rushi, AD; Datta, KP; Ghosh, P; Mulchandani, A; Shirsat, MD	SENSORS AND ACTUATORS B-CHEMICAL	2018	0925-4005	http://dx.doi.org/10.1016/j.snb.2017.10.147	10.1016/j.snb.2017.10.147	28
ZnS-PANI nanocomposite with enhanced electrochemical performances for lithium-ion batteries	Tonpe, DA; Gattu, KP; Kutwade, VV; Sonawane, ME; Sharma, MC; Jang, H; Han, SH; Sharma, R	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	0957-4522	http://dx.doi.org/10.1007/s10854-022-08698-5	10.1007/s10854-022-08698-5	38
Magnetically Retrievable Fe-doped TiO2 Nanoparticles for Photo-induced Toxic Dye Removal Applications	Somwanshi, SB; Somvanshi, SB; Kharat, PB; Thorat, ND	MACROMOLECULAR SYMPOSIA	2021	1022-1360	http://dx.doi.org/10.1002/masy.202100112	10.1002/masy.202100112	26

Indoline and benzothiazole-based squaraine dye-sensitized solar cells containing bis-pendent sulfonate groups: Synthesis, characterization and solar cell performance	Al-horaibi, SA; Asiri, AM; El-Shishtawy, RM; Gaikwad, ST; Rajbhoj, AS	JOURNAL OF MOLECULAR STRUCTURE	2019	0022-2860	http://dx.doi.org/10.1016/j.molstruc.2019.05.068	10.1016/j.molstruc.2019.05.068	34
γ-irradiation induced zinc ferrites and their enhanced room-temperature ammonia gas sensing properties	Raut, SD; Awasarmol, VV; Gghule, B; Shaikh, SF; Gore, SK; Sharma, RP; Pawar, PP; Mane, RS	MATERIALS RESEARCH EXPRESS	2018	2053-1591	http://dx.doi.org/10.1088/2053-1591/aab3eb	10.1088/2053-1591/aab3eb	65
Synthesis of (Z)-5-((Substituted-2-(substituted phenyl)-quinoline-3-yl)methylene) Thiazolidinone as Antimicrobial and Anticancer Agent	Shinde, RB; Pansare, DN; Shelke, RN; Bangal, MN; Sarkate, AP; Tiwari, SV; Kamble, D; Chavan, P; Zine, AM	RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY	2023	1068-1620	http://dx.doi.org/10.1134/S1068162023060201	10.1134/S1068162023060201	39

Effect of low energy Li-negative ions irradiation on electrochemically synthesized Copper nanoflakes/Polyaniline nanofibers composite thin film	Sonkawade, RG; Waikar, MR; Shaikh, AA; Shirsat, MD; Ali, Y; Chakarvarti, SK	THIN SOLID FILMS	2021	0040-6090	http://dx.doi.org/10.1016/j.tsf.2021.138710	10.1016/j.tsf.2021.138710	54
Decolonization of MB Dye (C16H18ClN3S) under the Natural Light Using Pristine and Zn-Y Substituted CoFe2O4 as a Catalyst	Patil, PD; Birajdar, CT; Alwesabi, WA; Panchariya, PK; Raut, AV; Jadhav, KM; Kavade, RB	CHEMISTRYSELECT	2023	2365-6549	http://dx.doi.org/10.1002/slct.202301975	10.1002/slct.202301975	50
Nanocomposite Platform Based on EDTA Modified Ppy/SWNTs for the Sensing of Pb(II) Ions by Electrochemical Method	Deshmukh, MA; Bodkhe, GA; Shirsat, S; Ramanavicius, A; Shirsat, MD	FRONTIERS IN CHEMISTRY	2018	2296-2646	http://dx.doi.org/10.3389/fchem.2018.00451	10.3389/fchem.2018.00451	60
Transfiguring structural, optical and dielectric properties of cadmium thiourea acetate crystal by the addition of L-threonine for laser assisted device applications	Kulkarni, RB; Anis, M; Hussaini, SS; Shirsat, MD	MATERIALS RESEARCH EXPRESS	2018	2053-1591	http://dx.doi.org/10.1088/2053-1591/aab2f8	10.1088/2053-1591/aab2f8	52

Enhanced synthesis of novel multisubstituted isoxazolidines as potential antimicrobial and antioxidant agents using zinc (II) catalyst, and in silico studies	Al-Adhreai, A; ALSaeedy, M; Alrabie, A; Al-Horaibi, SA; Al-Qadsy, I; Alezzy, AA; AL-Odayni, AB; Saeed, WS; Farooqui, M	JOURNAL OF MOLECULAR STRUCTURE	2023	0022-2860	http://dx.doi.org/10.1016/j.molstruc.2023.136146	10.1016/j.molstruc.2023.136146	34
Structural, morphological, and electrical investigation of 50 Mrad ?-radiated Ni1-xCdxFe2O4 nanoparticles	Patil, MR; Keche, AP; Khirade, PP; Raut, AV; Pandit, AA; Jadhav, KM	MATERIALS TODAY-PROCEEDINGS	2022	2214-7853	http://dx.doi.org/10.1016/j.matpr.2022.05.239	10.1016/j.matpr.2022.05.239	15
Carbon monoxide sensor based on polypyrrole-graphene oxide composite: a cost-effective approach	Farea, MA; Mohammed, HY; Sayyad, PW; Ingle, NN; Al-Gahouari, T; Mahadik, MM; Bodkhe, GA; Shirsat, SM; Shirsat, MD	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2021	0947-8396	http://dx.doi.org/10.1007/s00339-021-04837-7	10.1007/s00339-021-04837-7	53

Resolution improvement for anodic stripping signals of lead and detached indium from reduced graphene oxide/indium tin oxide (rGO/ITO) electrode using bromide ion	Al-Gahouari, T; Sayyad, P; Ingle, N; Mahadik, M; Farea, M; Mohammed, F; Shirsat, S; Shirsat, M	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2021	0947-8396	http://dx.doi.org/10.1007/s00339-021-04481-1	10.1007/s00339-021-04481-1	21
Recent advances in modified commercial separators for lithium-sulfur batteries	Kim, A; Oh, SH; Adhikari, A; Sathe, BR; Kumar, S; Patel, R	JOURNAL OF MATERIALS CHEMISTRY A	2023	2050-7488	http://dx.doi.org/10.1039/d2ta09266b	10.1039/d2ta09266b	376
A copper-catalyzed synthesis of aryloxy-tethered symmetrical 1,2,3-triazoles as potential antifungal agents targeting 14 α-demethylase	Deshmukh, TR; Khedkar, VM; Jadhav, RG; Sarkate, AP; Sangshetti, JN; Tiwari, SV; Shingate, BB	NEW JOURNAL OF CHEMISTRY	2021	1144-0546	http://dx.doi.org/10.1039/d1nj01759d	10.1039/d1nj01759d	55
Synthesis and Biological Activities of Novel 1H-Imidazo[4,5-b]pyridine Derivatives	Jebamani, J; Praneshm, SJ; Shivalingappa, J; Narayanarao, M; Pasha, M; Pawar, C	CHEMISTRYSELECT	2023	2365-6549	http://dx.doi.org/10.1002/slct.202301239	10.1002/slct.202301239	46

Study on luminescence properties of Ce3+ and Eu3+ ions in a nanocrystalline hexagonal Zn4Al22O37 novel system	Bobade, DS; Parauha, YR; Dhoble, SJ; Undre, PB	LUMINESCENCE	2022	1522-7235	http://dx.doi.org/10.1002/bio.4200	10.1002/bio.4200	53
Review-Electrochemical Hydrazine Sensors Based on Graphene Supported Metal/Metal Oxide Nanomaterials	Mohammed, HY; Farea, MA; Ingle, NN; Sayyad, PW; Al-Gahouari, T; Mahadik, MM; Bodkhe, GA; Shirsat, SM; Shirsat, MD	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2021	0013-4651	http://dx.doi.org/10.1149/1945-7111/ac2ddc	10.1149/1945-7111/ac2ddc	125
Doping effect on the local structure of metamagnetic Co doped Ni/NiO:GO core-shell nanoparticles using X-ray absorption spectroscopy and the pair distribution function	Gawai, UP; Gaikwad, DK; Bodke, MR; Khawal, HA; Pandey, KK; Yadav, AK; Jha, SN; Bhattacharyya, D; Dole, BN	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2019	1463-9076	http://dx.doi.org/10.1039/c8cp05267k	10.1039/c8cp05267k	63

NiO-Nanoparticle-Embedded Polyaniline for Enhanced Ammonia and Water Oxidation Reactions	Tanwade, PD; Munde, AV; Mulik, BB; Adhikari, A; Patel, R; Sathe, BR	ENERGY & FUELS	2023	0887-0624	http://dx.doi.org/10.1021/acs.energyfuels.3c03536	10.1021/acs.energyfuels.3c03536	37
Synthesis and evaluation of pyrazole-incorporated monocarbonyl curcumin analogues as antiproliferative and antioxidant agents	Nagargoje, AA; Akolkar, SV; Siddiqui, MM; Bagade, AV; Kodam, KM; Sangshetti, JN; Damale, MG; Shingate, BB	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	2019	0009-4536	http://dx.doi.org/10.1002/jccs.201800405	10.1002/jccs.201800405	51
Influence of dielectric, Electro-Optic Kerr Effect and spectroscopic characterisation on polar-polar binary liquid mixture	Deshmukh, S; Mohod, A; Pattebahadur, K; Patil, S; Kumbharkhane, A; Khirade, P	PHYSICS AND CHEMISTRY OF LIQUIDS	2022	0031-9104	http://dx.doi.org/10.1080/00319104.2021.1916931	10.1080/00319104.2021.1916931	42
Ultrasound assisted synthesis of tetrazole based pyrazolines and isoxazolines as potent anticancer agents via inhibition of tubulin polymerization	Dofe, VS; Sarkate, AP; Tiwari, SV; Lokwani, DK; Karnik, KS; Kale, IA; Dodamani, S; Jalalpure, SS; Burra, PVLS	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2020	0960-894X	http://dx.doi.org/10.1016/j.bmcl.2020.127592	10.1016/j.bmcl.2020.127592	49

Detection of Pb(II): Au Nanoparticle Incorporated CuBTC MOFs	Bodkhe, GA; Hedau, BS; Deshmukh, MA; Patil, HK; Shirsat, SM; Phase, DM; Pandey, KK; Shirsat, MD	FRONTIERS IN CHEMISTRY	2020	2296-2646	http://dx.doi.org/10.3389/fchem.2020.00803	10.3389/fchem.2020.00803	64
Celiac Disease and Possible Dietary Interventions: From Enzymes and Probiotics to Postbiotics and Viruses	Wagh, SK; Lammers, KM; Padul, M; Rodriguez-Herrera, A; Dodero, V	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2022	1661-6596	http://dx.doi.org/10.3390/ijms231911748	10.3390/ijms231911748	162
N-Benzylation of 6-aminoflavone by reductive amination and efficient access to some novel anticancer agents via topoisomerase II inhibition	Thorat, NM; Sarkate, AP; Lokwani, DK; Tiwari, SV; Azad, R; Thopate, SR	MOLECULAR DIVERSITY	2021	1381-1991	http://dx.doi.org/10.1007/s11030-020-10079-1	10.1007/s11030-020-10079-1	31
Biotechnology Products in Everyday Life Foreword from Academia	Chopade, BA	BIOTECHNOLOGY PRODUCTS IN EVERYDAY LIFE	2019	2193-4614			0
Stellar parameters of the two binary systems: HIP 14075 and HIP 14230	Masda, SG; Al-Wardat, MA; Pathan, JM	JOURNAL OF ASTROPHYSICS AND ASTRONOMY	2018	0250-6335	http://dx.doi.org/10.1007/s12036-018-9548-z	10.1007/s12036-018-9548-z	42

Synthesis, Biological Evaluation, Molecular Docking Study and Acute Oral Toxicity Study of Coupled Imidazole-pyrimidine Derivatives	Tiwari, SV; Nikalje, APG; Lokwani, DK; Sarkate, AP; Jamir, K	LETTERS IN DRUG DESIGN & DISCOVERY	2018	1570-1808	http://dx.doi.org/10.2174/1570180814666170704101817	10.2174/1570180814666170704101817	27
Enhancement in room-temperature ammonia sensor activity of size-reduced cobalt ferrite nanoparticles on γ-irradiation	Raut, SD; Awasarmol, VV; Ghule, BG; Shaikh, SF; Gore, SK; Sharma, RP; Pawar, PP; Mane, RS	MATERIALS RESEARCH EXPRESS	2018	2053-1591	http://dx.doi.org/10.1088/2053-1591/aac99d	10.1088/2053-1591/aac99d	50
Radiation shielding study of tellurite tungsten glasses with different antimony oxide as transparent shielding materials using MCNPX code	Sayyed, MI; Tekin, HO; Altunsoy, EE; Obaid, SS; Almatari, M	JOURNAL OF NON-CRYSTALLINE SOLIDS	2018	0022-3093	http://dx.doi.org/10.1016/j.jnoncrysol.2018.06.022	10.1016/j.jnoncrysol.2018.06.022	38

Design, Synthesis, and Biological Testing of Pyrazoline Derivatives of Combretastatin-A4: A Quest for Anticancer, Anti-Inflammatory, and Antioxidant Agents	Shringare, SN; Chavan, HV; Kamble, NR; Tigote, RM; Bhale, PS; Mali, MG; Kadam, SN; Kadam, KR; Pandhare, GB; Khalifa, AN; Pendpale, NS; Kulkarni, MA; Bandgar, BP	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2023.2271113	10.1080/10406638.2023.2271113	40
Barleria sahyadrica, a new species of Acanthaceae from India	Prabhukumar, KM; Sardesai, MM; Hareesh, VS; Thomas, B; George, S; Balachandran, I	PHYTOTAXA	2019	1179-3155	http://dx.doi.org/10.11646/phytotaxa.411.1.6	10.11646/phytotaxa.411.1.6	20
Anticancer potential of AgNPs synthesized using Acinetobacter sp. and Curcuma aromatica against HeLa cell lines: A comparative study	Nadhe, SB; Tawre, MS; Agrawal, S; Chopade, BA; Sarkar, D; Pardesi, K	JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY	2020	0946-672X	http://dx.doi.org/10.1016/j.jtemb.2020.126630	10.1016/j.jtemb.2020.126630	65

[EMIm][BH3CN] Ionic Liquid as an Efficient Catalyst for the Microwave-Assisted One-Pot Synthesis of Triaryl Imidazole Derivatives	Manjul, RK; Gaikwad, ST; Gade, VB; Rajbhoj, AS; Jopale, MK; Patil, SM; Gaikwad, DN; Suryavanshi, DM; Goskulwad, SP; Shinde, SD	LETTERS IN ORGANIC CHEMISTRY	2023	1570-1786	http://dx.doi.org/10.2174/1570178620666230510122033	10.2174/1570178620666230510122033	49
Computational Exploration of Anti-cancer Potential of Flavonoids against Cyclin-Dependent Kinase 8: An In Silico Molecular Docking and Dynamic Approach	Rathod, S; Shinde, K; Porlekar, J; Choudhari, P; Dhavale, R; Mahuli, D; Tamboli, Y; Bhatia, M; Haval, KP; Al-Sehemi, AG; Pannipara, M	ACS OMEGA	2023	2470-1343	http://dx.doi.org/10.1021/acsomega.2c04837	10.1021/acsomega.2c04837	96
In Vitro Alpha-Amylase Enzyme Assay of Hydroalcoholic Polyherbal Extract: Proof of Concept for the Development of Polyherbal Teabag Formulation for the Treatment of Diabetes	Quazi, A; Patwekar, M; Patwekar, F; Alghamdi, S; Rajab, BS; Babalghith, AO; Islam, F	EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	2022	1741-427X	http://dx.doi.org/10.1155/2022/1577957	10.1155/2022/1577957	52

Hazardous gases sensors based on conducting polymer composites: Review	Farea, MA; Mohammed, HY; Shirsat, SM; Sayyad, PW; Ingle, NN; Al-Gahouari, T; Mahadik, MM; Bodkhe, GA; Shirsat, MD	CHEMICAL PHYSICS LETTERS	2021	0009-2614	http://dx.doi.org/10.1016/j.cplett.2021.138703	10.1016/j.cplett.2021.138703	147
Structural and luminescence study of Ce3+ and Eu3+ doped ZnAl12O19 nano-structured novel phosphors	Bobade, DS; Parauha, YR; Dhoble, SJ; Undre, PB	OPTIK	2021	0030-4026	http://dx.doi.org/10.1016/j.ijleo.2020.166119	10.1016/j.ijleo.2020.166119	40
Zinc Sulfamate Catalyzed Efficient Selective Synthesis of Benzimidazole Derivatives Under Ambient Conditions	Mathapati, SR; Jadhav, AH; Swami, MB; Dawle, JK	LETTERS IN ORGANIC CHEMISTRY	2019	1570-1786	http://dx.doi.org/10.2174/1570178616666181211094040	10.2174/1570178616666181211094040	41
γ-irradiation induced zinc ferrites and their enhanced room-temperature ammonia gas sensing properties (vol 5, 035702, 2018)	Raut, SD; Awasarmol, VV; Ghule, BG; Shaikh, SF; Gore, SK; Sharma, RP; Pawar, PP; Mane, RS	MATERIALS RESEARCH EXPRESS	2018	2053-1591	http://dx.doi.org/10.1088/2053-1591/aabbef	10.1088/2053-1591/aabbef	1

Polymeric composite materials for radiation shielding: a review	More, CV; Alsayed, Z; Badawi, MS; Thabet, AA; Pawar, PP	ENVIRONMENTAL CHEMISTRY LETTERS	2021	1610-3653	http://dx.doi.org/10.1007/s10311-021-01189-9	10.1007/s10311-021-01189-9	230
Effect of Nd3+ doping on structural and magnetic properties of Ni0.5Co0.5Fe2O4 nanocrystalline ferrites synthesized by sol-gel auto combustion method	Kokare, MK; Jadhav, NA; Kumar, Y; Jadhav, KM; Rathod, SM	JOURNAL OF ALLOYS AND COMPOUNDS	2018	0925-8388	http://dx.doi.org/10.1016/j.jallcom.2018.03.168	10.1016/j.jallcom.2018.03.168	55
On Atangana-Baleanu-Type Nonlocal Boundary Fractional Differential Equations	Almalahi, MA; Panchal, SK; Abdo, MS; Jarad, F	JOURNAL OF FUNCTION SPACES	2022	2314-8896	http://dx.doi.org/10.1155/2022/1812445	10.1155/2022/1812445	39
Development of nanoparticulate sustained release oral drug delivery system for the antihyperglycemic with antihypertensive drug	Khairnar, G; Mokale, V; Mujumdar, A; Naik, J	MATERIALS TECHNOLOGY	2019	1066-7857	http://dx.doi.org/10.1080/10667857.2019.1639019	10.1080/10667857.2019.1639019	28

Sol-gel auto-combustionmediated cobalt ferrite nanoparticles: a potential material for antimicrobial applications	Sharma, RP; Raut, SD; Mulani, RM; Kadam, AS; Mane, RS	INTERNATIONAL NANO LETTERS	2019	2008-9295	http://dx.doi.org/10.1007/s40089-019-0268-4	10.1007/s40089-019-0268-4	43
EDA modified PANI/SWNTs nanocomposite for determination of Ni(II) metal ions	Deshmukh, MA; Patil, HK; Bodkhe, GA; Yasuzawa, M; Koinkar, P; Ramanavicius, A; Pandey, S; Shirsat, MD	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2018	0927-7757	http://dx.doi.org/10.1016/j.colsurfa.2017.10.026	10.1016/j.colsurfa.2017.10.026	56
Phosphorofluoridic Acid as an Efficient Catalyst for One Pot Synthesis of Dihydropyrimidinones under Solvent Free and Ambient Condition	Mathapati, SR; Prasad, D; Atar, AB; Nagaraja, BM; Dawle, JK; Jadhav, AH	MATERIALS TODAY-PROCEEDINGS	2019	2214-7853	http://dx.doi.org/10.1016/j.matpr.2018.10.390	10.1016/j.matpr.2018.10.390	43
Pluripotency of embryonic stem cells lacking clathrin-mediated endocytosis cannot be rescued by restoring cellular stiffness	Mote, RD; Yadav, J; Singh, SB; Tiwari, M; Laxmikant, VS; Patil, S; Subramanyam, D	JOURNAL OF BIOLOGICAL CHEMISTRY	2020	0021-9258	http://dx.doi.org/10.1074/jbc.AC120.014343	10.1074/jbc.AC120.014343	37

High-performance Li-Se battery: Li2Se cathode as intercalation product of electrochemical in situ reduction of multilayer graphene-embedded 2D-MoSe2	Bui, HT; Jang, H; Ahn, D; Han, J; Sung, M; Kutwade, V; Patil, M; Sharma, R; Han, SH	ELECTROCHIMICA ACTA	2021	0013-4686	http://dx.doi.org/10.1016/j.electacta.2020.137556	10.1016/j.electacta.2020.137556	48
Molecular Docking Studies and Application of 6-(1-Arylmethanamino)-2-Phenyl-4H-Chromen-4-Ones as Potent Antibacterial Agents	Thorat, NM; Khodade, VS; Ingale, AP; Lokwani, DK; Sarkate, AP; Thopate, SR	POLYCYCLIC AROMATIC COMPOUNDS	2023	1040-6638	http://dx.doi.org/10.1080/10406638.2022.2150238	10.1080/10406638.2022.2150238	37
Electrochemical performance of Polyaniline based symmetrical energy storage device	Waikar, MR; Rasal, AS; Shinde, NS; Dhas, SD; Moholkar, AV; Shirsat, MD; Chakarvarti, SK; Sonkawade, RG	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	2020	1369-8001	http://dx.doi.org/10.1016/j.mssp.2020.105291	10.1016/j.mssp.2020.105291	54
Explicit iteration and unique solution for ϕ-Hilfer type fractional Langevin equations	Saeed, AM; Almalahi, MA; Abdo, MS	AIMS MATHEMATICS	2021		http://dx.doi.org/10.3934/math.2022192	10.3934/math.2022192	38

BCl3 Catalyzed, Solvent Free Protocol for the Synthesis of Dihydropyrano[3,2-b] Chromenediones	Suryawanshi, VB; Momin, KI; Dawle, JK; Mathapati, SR	LETTERS IN ORGANIC CHEMISTRY	2021	1570-1786	http://dx.doi.org/10.2174/1570178617999200805163909	10.2174/1570178617999200805163909	31
Development and evaluation of cationic nanostructured lipid carriers for ophthalmic drug delivery of besifloxacin	Baig, MS; Owida, H; Njoroge, W; Siddiqui, AUR; Yang, Y	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	2020	1773-2247	http://dx.doi.org/10.1016/j.jddst.2019.101496	10.1016/j.jddst.2019.101496	34
Radiation shielding properties of pentaternary borate glasses using MCNPX code	Sayyed, MI; Elbashir, BO; Tekin, HO; Altunsoy, EE; Gaikwad, DK	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2018	0022-3697	http://dx.doi.org/10.1016/j.jpcs.2018.05.009	10.1016/j.jpcs.2018.05.009	41
(k, ψ)-Proportional Fractional Integral Polya-Szego- and Gruss-Type Inequalities	Aljaaidi, TA; Pachpatte, DB; Abdo, MS; Botmart, T; Ahmad, H; Almalahi, MA; Redhwan, SS	FRACTAL AND FRACTIONAL	2021		http://dx.doi.org/10.3390/fractalfract5040172	10.3390/fractalfract5040172	49
Physical, structural, optical investigation and shielding featuresof tungsten bismuth tellurite based glasses	Gaikwad, DK; Sayyed, MI; Botewad, SN; Obaid, SS; Khattari, ZY; Gawai, UP; Afaneh, F; Shirshat, MD; Pawar, PP	JOURNAL OF NON-CRYSTALLINE SOLIDS	2019	0022-3093	http://dx.doi.org/10.1016/j.jnoncrysol.2018.09.038	10.1016/j.jnoncrysol.2018.09.038	55

Economic Aspects, Economic Assessment and Career Preferences of Doctor of Pharmacy (PharmD) Students in India	Deshpande, PR; Bhusare, K; Chandrakar, VR; Rao, EJ; Raut, A; Pawar, S; Sajith, M; Panda, BK; Prasanna, MNL; Pawar, AP	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2018	0019-5464	http://dx.doi.org/10.5530/ijper.52.2.20	10.5530/ijper.52.2.20	29
Balanced QSAR analysis to identify the structural requirements of ABBV-075 (Mivebresib) analogues as bromodomain and extraterminal domain (BET) family bromodomain inhibitor	Masand, VH; Patil, MK; El-Sayed, NNE; Zaki, MEA; Almarhoon, Z; Al-Hussain, SA	JOURNAL OF MOLECULAR STRUCTURE	2021	0022-2860	http://dx.doi.org/10.1016/j.molstruc.2020.129597	10.1016/j.molstruc.2020.129597	35
Electrochemical performance of low-cost PANI-anchored CuS electrode for lithium-ion batteries	Patil, M; Jang, H; Han, SH; Gattu, KP; Tonpe, DA; Kutwade, VV; Sharma, R	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2023	0947-8396	http://dx.doi.org/10.1007/s00339-023-06417-3	10.1007/s00339-023-06417-3	44

RETRACTED: Facial Features Detection System To Identify Children With Autism Spectrum Disorder: Deep Learning Models (Retracted Article)	Ahmed, ZAT; Aldhyani, THH; Jadhav, ME; Alzahrani, MY; Alzahrani, ME; Althobaiti, MM; Alassery, F; Alshaflut, A; Alzahrani, NM; Al-madani, AM	COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE	2022	1748-670X	http://dx.doi.org/10.1155/2022/3941049	10.1155/2022/3941049	34
Microfluidic paper-based aptasensor devices for multiplexed detection of pathogenic bacteria	Somvanshi, SB; Ulloa, AM; Zhao, M; Liang, QY; Barui, AK; Lucas, A; Jadhav, KM; Allebach, JP; Stanciu, LA	BIOSENSORS & BIOELECTRONICS	2022	0956-5663	http://dx.doi.org/10.1016/j.bios.2022.114214	10.1016/j.bios.2022.114214	62
Cobalt ferrite magnetic nanoparticles as highly efficient catalyst for the mechanochemical synthesis of 2-aryl benzimidazoles	Borade, RM; Kale, SB; Tekale, SU; Jadhav, KM; Pawar, RP	CATALYSIS COMMUNICATIONS	2021	1566-7367	http://dx.doi.org/10.1016/j.catcom.2021.106349	10.1016/j.catcom.2021.106349	35

Interface Engineering of SRu-mC3N4 Heterostructures for Enhanced Electrochemical Hydrazine Oxidation Reactions	Munde, A; Sharma, P; Dhawale, S; Kadam, RG; Kumar, S; Kale, HB; Filip, J; Zboril, R; Sathe, BR; Gawande, MB	CATALYSTS	2022		http://dx.doi.org/10.3390/catal12121560	10.3390/catal12121560	52
Investigation of the effect of cement type on nuclear shield performance of heavy concrete	Kilicoglu, O; More, CV; Kara, U; Davraz, M	RADIATION PHYSICS AND CHEMISTRY	2023	0969-806X	http://dx.doi.org/10.1016/j.radphyschem.2023.110954	10.1016/j.radphyschem.2023.110954	41
High sensitivity carbon monoxide detector using iron tetraphenyl porphyrin functionalized reduced graphene oxide	Shirsat, SM; Chiang, CH; Bodkhe, GA; Shirsat, MD; Tsai, ML	DISCOVER NANO	2023		http://dx.doi.org/10.1186/s11671-023-03813-9	10.1186/s11671-023-03813-9	50
High-performance and ultra-sensitive ultraviolet photodetector based on surface passivated ?-Fe2O3 thin film	Kaawash, NMS; Halge, DI; Narwade, VN; Alegaonkar, PS; Bogle, KA	MATERIALS CHEMISTRY AND PHYSICS	2023	0254-0584	http://dx.doi.org/10.1016/j.matchemphys.2023.127546	10.1016/j.matchemphys.2023.127546	54

Effect of dimethoate on the developmental rate of forensic importance Calliphoridae flies	Abd Al Galil, FM; Zambare, SP; Al-Mekhlafi, FA; AL-Keridis, LA	SAUDI JOURNAL OF BIOLOGICAL SCIENCES	2021	1319-562X	http://dx.doi.org/10.1016/j.sjbs.2020.12.022	10.1016/j.sjbs.2020.12.022	19
Synthesis, characterization and catalytic evaluation of ZrCl4:Mg(ClO4)2 for the synthesis of 1,3-diaryl-3-(phenylthio)propan-1-one	Atkore, ST; Bondle, GM; Kamble, VT; Varala, R; Adil, SF; Hatshan, MR; Shaik, B	JOURNAL OF SAUDI CHEMICAL SOCIETY	2021	1319-6103	http://dx.doi.org/10.1016/j.jscs.2021.101359	10.1016/j.jscs.2021.101359	47
Subtype diversity and emergence of drug resistance in HIV-1 in solapur district of Maharashtra, India	Karad, DD; Tandon, R; Arya, A; Sonawane, KD; Chavan, AS; Kharat, AS	IRANIAN JOURNAL OF MICROBIOLOGY	2022	2008-3289			28
Influence of pH on the physical properties of CdS thin film and its photosensor application	Mohammed, IMS; Gubari, GMM; Sonawane, ME; Kasar, RR; Patil, SA; Mishra, MK; Kutwade, VV; Sharma, R	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2021	0947-8396	http://dx.doi.org/10.1007/s00339-021-04743-y	10.1007/s00339-021-04743-y	45

TiO2-Doped Ni0.4Cu0.3Zn0.3Fe2O4 Nanoparticles for Enhanced Structural and Magnetic Properties	Patil, AD; Pawar, RA; Patange, SM; Jadhav, SS; Gore, SK; Shirsath, SE; Meena, SS	ACS OMEGA	2021	2470-1343	http://dx.doi.org/10.1021/acsomega.1c01548	10.1021/acsomega.1c01548	52
Effects of insecticide dimethoate on the developmental rate of forensic importance sarcophagid flies	Abd Al Galil, FM; Zambare, SP; Al-Mekhlafi, FA; Wadaan, MA; Al-Khalifa, MS	JOURNAL OF KING SAUD UNIVERSITY SCIENCE	2021	1018-3647	http://dx.doi.org/10.1016/j.jksus.2021.101349	10.1016/j.jksus.2021.101349	37
Novel development of nanocrystalline kesterite Cu2ZnSnS4 thin film with high photocatalytic activity under visible light illumination	Apostolopoulou, A; Mahajan, S; Sharma, R; Stathatos, E	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2018	0022-3697	http://dx.doi.org/10.1016/j.jpcs.2017.09.005	10.1016/j.jpcs.2017.09.005	52
Synthesis, local structure and optical property studies of α-SnS microrods by synchrotron X-ray pair distribution function and micro-Raman shift	Gawai, UP; Gaikwad, DK; Patil, SL; Pandey, KK; Lalla, NP; Dole, BN	RSC ADVANCES	2020		http://dx.doi.org/10.1039/d0ra03586f	10.1039/d0ra03586f	40

Antidiabetic, antioxidant and cytotoxicity activities of ortho- and para-substituted Schiff bases derived from metformin hydrochloride: Validation by molecular docking and in silico ADME studies	Al-Qadsy, I; Saeed, WS; Al-Odayni, AB; Alrabie, A; Al-Faqeeh, LAS; Al-Adhreai, A; Al-Owais, AA; Semlali, A; Farooqui, M	OPEN CHEMISTRY	2023	2391-5420	http://dx.doi.org/10.1515/chem-2023-0125	10.1515/chem-2023-0125	63
Facile and Solvent-free Domino Synthesis of New Quinolidinyl-2,4-thiazolidinones: Antifungal Activity and Molecular Docking	Subhedar, DD; Shaikh, MH; Tupe, SG; Deshpande, MV; Khedkar, VM; Jha, PC; Shingate, BB	MINI-REVIEWS IN MEDICINAL CHEMISTRY	2018	1389-5575	http://dx.doi.org/10.2174/1389557516666161226161152	10.2174/1389557516666161226161152	28
Effect of embedding aluminium and yttrium on the magneto-optic properties of lanthanum spinet ferrite nanoparticles synthesised for photocatalytic degradation of methyl red	Kazi, SK; Tigote, RM; Gaikwad, VA; Kamble, DP; Bhale, PS; Shringare, SN; Musrif, PG; Inamdar, SN	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2022	0928-0707	http://dx.doi.org/10.1007/s10971-022-05951-5	10.1007/s10971-022-05951-5	51

Analytical Study of Two Nonlinear Coupled Hybrid Systems Involving Generalized Hilfer Fractional Operators	Almalahi, MA; Bazighifan, O; Panchal, SK; Askar, SS; Oros, GI	FRACTAL AND FRACTIONAL	2021		http://dx.doi.org/10.3390/fractalfract5040178	10.3390/fractalfract5040178	28
Generalized proportional fractional integral functional bounds in Minkowski's inequalities	Aljaaidi, TA; Pachpatte, DB; Shatanawi, W; Abdo, MS; Abodayeh, K	ADVANCES IN DIFFERENCE EQUATIONS	2021	1687-1847	http://dx.doi.org/10.1186/s13662-021-03582-8	10.1186/s13662-021-03582-8	41
Study of the Atangana-Baleanu-Caputo type fractional system with a generalized Mittag-Leffler kernel (vol 7, pg 2001, 2022)	Jeelani, MB; Alnahdi, AS; Almalahi, MA; Abdo, MS; Wahash, HA; Abdelkawy, MA	AIMS MATHEMATICS	2022		http://dx.doi.org/10.3934/math.20221125	10.3934/math.20221125	1
Thermally Driven High-Rate Intercalated Pseudocapacitance of Flower-like Architecture of Ultrathin Few Layered δ-MnO2 Nanosheets on Carbon Nano-Onions	Gupta, SP; Kakade, BA; Sathe, BR; Qiao, Q; Late, DJ; Walke, PS	ACS APPLIED ENERGY MATERIALS	2020	2574-0962	http://dx.doi.org/10.1021/acsaem.0c02325	10.1021/acsaem.0c02325	70

Biomass-Mediated Synthesis of Cu-Doped TiO2 Nanoparticles for Improved-Performance Lithium-Ion Batteries	Kashale, AA; Dwivedi, PK; Sathe, BR; Shelke, MV; Chang, JY; Ghule, AV	ACS OMEGA	2018	2470-1343	http://dx.doi.org/10.1021/acsomega.8b01903	10.1021/acsomega.8b01903	49
Ulam-Hyers-Mittag-Leffler stability for tripled system of weighted fractional operator with TIME delay	Almalahi, MA; Panchal, SK; Jarad, F; Abdeljawad, T	ADVANCES IN DIFFERENCE EQUATIONS	2021	1687-1847	http://dx.doi.org/10.1186/s13662-021-03455-0	10.1186/s13662-021-03455-0	34
Exploring the role of defects on diverse properties of Cr-substituted ZnS nanostructures for photocatalytic applications	Dake, DV; Raskar, ND; Mane, VA; Sonpir, RB; Stathatos, E; Asokan, K; Babu, PD; Dole, BN	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2020	0947-8396	http://dx.doi.org/10.1007/s00339-020-03669-1	10.1007/s00339-020-03669-1	65
Generalized proportional fractional integral Hermite-Hadamard's inequalities	Aljaaidi, TA; Pachpatte, DB; Abdeljawad, T; Abdo, MS; Almalahi, MA; Redhwan, SS	ADVANCES IN DIFFERENCE EQUATIONS	2021	1687-1847	http://dx.doi.org/10.1186/s13662-021-03651-y	10.1186/s13662-021-03651-y	39

Eye Tracking-Based Diagnosis and Early Detection of Autism Spectrum Disorder Using Machine Learning and Deep Learning Techniques	Ahmed, IA; Senan, EM; Rassem, TH; Ali, MAH; Shatnawi, HSA; Alwazer, SM; Alshahrani, M	ELECTRONICS	2022		http://dx.doi.org/10.3390/electronics11040530	10.3390/electronics11040530	39
Effect of iron doping on structural, DC electrical resistivity and ferroelectric properties of BaTiO3 nanoceramics	More, S; Khedkar, MV; Kulkarni, GD; Kadhane, P; Kamble, R; Jadhav, KM	OPTIK	2021	0030-4026	http://dx.doi.org/10.1016/j.ijleo.2021.167913	10.1016/j.ijleo.2021.167913	37
Experimental studies and Monte Carlo simulations on gamma ray shielding competence of (30+x)PbO-10WO3-10Na2O-10MgO-(40-x)B2O3 glasses	Kumar, A; Gaikwad, DK; Obaid, SS; Tekin, HO; Agare, O; Sayyed, MI	PROGRESS IN NUCLEAR ENERGY	2020	0149-1970	http://dx.doi.org/10.1016/j.pnucene.2019.103047	10.1016/j.pnucene.2019.103047	35
Role of dysprosium in enhancing the humidity sensing performance in manganese zinc ferrites for sensor applications	El-Denglawey, A; Angadi, VJ; Manjunatha, K; Chethan, B; Somvanshi, SB	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	0957-4522	http://dx.doi.org/10.1007/s10854-021-06842-1	10.1007/s10854-021-06842-1	45

Design and synthesis of novel conformationally constrained 7,12-dihydro-dibenzo[b,h][1,6] naphthyridine and 7H-Chromeno[3,2-c] quinoline derivatives as topoisomerase I inhibitors: In vitro screening, molecular docking and ADME predictions	Kardile, RA; Sarkate, AP; Borude, AS; Mane, RS; Lokwani, DK; Tiwari, SV; Azad, R; Burra, PVLS; Thopate, SR	BIOORGANIC CHEMISTRY	2021	0045-2068	http://dx.doi.org/10.1016/j.bioorg.2021.105174	10.1016/j.bioorg.2021.105174	86
Novel Squaraine dyes for high-performance in dye-sensitized solar cells: Photophysical properties and adsorption behavior on TiO2 with different anchoring groups	Al-horaibi, SA; Al-Odayni, AB; Alezzy, A; ALSaeedy, M; Al-Adhreai, A; Saeed, WS; Hasan, A	JOURNAL OF MOLECULAR STRUCTURE	2023	0022-2860	http://dx.doi.org/10.1016/j.molstruc.2023.135943	10.1016/j.molstruc.2023.135943	47
Ultrahigh sensitive and selective room-temperature carbon monoxide gas sensor based on polypyrrole/titanium dioxide nanocomposite	Farea, MA; Bhanuse, GB; Mohammed, HY; Farea, MO; Sallam, M; Shirsat, SM; Tsai, ML; Shirsat, MD	JOURNAL OF ALLOYS AND COMPOUNDS	2022	0925-8388	http://dx.doi.org/10.1016/j.jallcom.2021.165397	10.1016/j.jallcom.2021.165397	49

Design and Synthesis of Lead(II)-Based Electrocatalysts for Oxygen Evolution Reaction	Khullar, S; Janak; Sakshi; Saini, H; Sapner, VS; Sathe, BR; Markad, D	INORGANIC CHEMISTRY	2022	0020-1669	http://dx.doi.org/10.1021/acs.inorgchem.2c00735	10.1021/acs.inorgchem.2c00735	70
Metal-organic framework-reduced graphene oxide (Zn-BDC@rGO) composite for selective discrimination among ammonia, carbon monoxide, and sulfur dioxide	More, MS; Bodkhe, GA; Singh, F; Kim, M; Shirsat, MD	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2023	0947-8396	http://dx.doi.org/10.1007/s00339-023-07103-0	10.1007/s00339-023-07103-0	56
Chromium-Benzenedicarboxylates Metal Organic Framework for Supersensitive and Selective Electrochemical Sensor of Toxic Cd2+, Pb2+, and Hg2+Metal Ions: Study of their Interactive Mechanism	Deore, KB; Patil, SS; Narwade, VN; Takte, MA; Khune, AS; Mohammed, HY; Farea, MA; Sayyad, PW; Tsai, ML; Shirsat, MD	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2023	0013-4651	http://dx.doi.org/10.1149/1945-7111/acc9df	10.1149/1945-7111/acc9df	49

Retrospective Analysis on Antimicrobial Resistance Trends and Prevalence of β-lactamases in Escherichia coli and ESKAPE Pathogens Isolated from Arabian Patients during 2000-2020	Nasser, M; Palwe, S; Bhargava, RN; Feuilloley, MGJ; Kharat, AS	MICROORGANISMS	2020		http://dx.doi.org/10.3390/microorganisms8101626	10.3390/microorganisms8101626	121
Hydrothermal synthesis of photoactive nitrogen- and boron- codoped TiO2 nanoparticles for the treatment of bisphenol A in wastewater: Synthesis, photocatalytic activity, degradation byproducts and reaction pathways	Abdelraheem, WHM; Patil, MK; Nadagouda, MN; Dionysiou, DD	APPLIED CATALYSIS B-ENVIRONMENTAL	2019	0926-3373	http://dx.doi.org/10.1016/j.apcatb.2018.09.039	10.1016/j.apcatb.2018.09.039	72
Poly(N-methyl pyrrole) decorated rGO nanocomposite: A novel ultrasensitive and selective carbon monoxide sensor	Mohammed, HY; Farea, MA; Ali, ZM; Shirsat, SM; Tsai, ML; Shirsat, MD	CHEMICAL ENGINEERING JOURNAL	2022	1385-8947	http://dx.doi.org/10.1016/j.cej.2022.136010	10.1016/j.cej.2022.136010	69

Evaluation of Wound Healing Activity (Excision Wound Model) of Ointment Prepared from Infusion Extract of Polyherbal Tea Bag Formulation in Diabetes-Induced Rats	Quazi, A; Patwekar, M; Patwekar, F; Mezni, A; Ahmad, I; Islam, F	EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE	2022	1741-427X	http://dx.doi.org/10.1155/2022/1372199	10.1155/2022/1372199	39
An Ensemble Based Approach for Sentiment Classification in Asian Regional Language	Shelke, MB; Lee, JG; Samanta, S; Deshmukh, SN; Daulappa, GB; Mannade, RB; Sivaraman, AK	COMPUTER SYSTEMS SCIENCE AND ENGINEERING	2023	0267-6192	http://dx.doi.org/10.32604/csse.2023.027979	10.32604/csse.2023.027979	28
Chemical synthesis, spectral characterization and biological activities of new diphenylsulphone derived Schiff base ligand and their Ni(II) complexes	Gaikwad, KD; Khobragade, RM; Deodware, SA; Ubale, PA; Dhale, PC; Ovhal, RM; Shivamallu, C; Ankegowda, VM; Raghavendra, HL; Gaikwad, SH; Kollur, SP	RESULTS IN CHEMISTRY	2022	2211-7156	http://dx.doi.org/10.1016/j.rechem.2022.100617	10.1016/j.rechem.2022.100617	44

Microwave-assisted synthesis of novel 5-substituted benzylidene amino-2-butyl benzofuran-3-yl-4-methoxyphenyl methanones as antileishmanial and antioxidant agents	Patil, SR; Bollikonda, S; Patil, RH; Sangshetti, JN; Bobade, AS; Asrondkar, A; Reddy, PP; Shinde, DB	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2018	0960-894X	http://dx.doi.org/10.1016/j.bmcl.2017.12.013	10.1016/j.bmcl.2017.12.013	37
Some New Fractional Inequalities Involving Convex Functions and Generalized Fractional Integral Operator	Neamah, MK; Ibrahim, A; Mehdy, HS; Redhwan, SS; Abdo, MS	JOURNAL OF FUNCTION SPACES	2022	2314-8896	http://dx.doi.org/10.1155/2022/2350193	10.1155/2022/2350193	33
Diagnosis of Chronic Kidney Disease Using Effective Classification Algorithms and Recursive Feature Elimination Techniques	Senan, EM; Al-Adhaileh, MH; Alsaade, FW; Aldhyani, THH; Alqarni, AA; Alsharif, N; Uddin, MI; Alahmadi, AH; Jadhav, ME; Alzahrani, MY	JOURNAL OF HEALTHCARE ENGINEERING	2021	2040-2295	http://dx.doi.org/10.1155/2021/1004767	10.1155/2021/1004767	34

Highly Selective Chemiresistive SO2 Sensor Based on a Reduced Graphene Oxide/Porphyrin (rGO/TAPP) Composite	Khune, AS; Padghan, V; Bongane, R; Narwade, VN; Dole, BN; Ingle, NN; Tsai, ML; Hianik, T; Shirsat, MD	JOURNAL OF ELECTRONIC MATERIALS	2023	0361-5235	http://dx.doi.org/10.1007/s11664-023-10711-4	10.1007/s11664-023-10711-4	61
Influence of Zn2+ on laser induced optical and electrical traits of KH2PO4 crystal for NLO device applications	Baig, MI; Anis, M; Shirsat, MD; Alshehri, AM; Somaily, HH; Hussaini, SS	OPTIK	2021	0030-4026	http://dx.doi.org/10.1016/j.ijleo.2020.165998	10.1016/j.ijleo.2020.165998	46
Field effect transistor based on proton conductive metal organic framework (CuBTC)	Bodkhe, GA; Deshmukh, MA; Patil, HK; Shirsat, SM; Srihari, V; Pandey, KK; Panchal, G; Phase, DM; Mulchandani, A; Shirsat, MD	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2019	0022-3727	http://dx.doi.org/10.1088/1361-6463/ab1987	10.1088/1361-6463/ab1987	43
Existence theory and numerical analysis of three species prey-predator model under Mittag-Leffler power law	Abdo, MS; Panchal, SK; Shah, K; Abdeljawad, T	ADVANCES IN DIFFERENCE EQUATIONS	2020	1687-1847	http://dx.doi.org/10.1186/s13662-020-02709-7	10.1186/s13662-020-02709-7	48

Shielding behaviour of (20+x) Bi2O3-20BaO-10Na2O-10MgO-(40-x) B2O3: An experimental and Monte Carlo study	Sayyed, MI; Agar, O; Kumar, A; Tekin, HO; Gaikwad, DK; Obaid, SS	CHEMICAL PHYSICS	2020	0301-0104	http://dx.doi.org/10.1016/j.chemphys.2019.110571	10.1016/j.chemphys.2019.110571	54
A stable and highly-sensitive flexible gas sensor based on Ceria (CeO2) nano-cube decorated rGO nanosheets for selective detection of NO2 at room temperature	Takte, MA; Ingle, NN; Dole, BN; Tsai, ML; Hianik, T; Shirsat, MD	SYNTHETIC METALS	2023	0379-6779	http://dx.doi.org/10.1016/j.synthmet.2023.117411	10.1016/j.synthmet.2023.117411	71