Scopus

Document details

〈Back to results │ 〈Previous 6 of 17 Next〉 → Dexport → Download 日 Print ☑ E-mail Save to PDF ☆ Add to List More〉 View at Publisher			Metrics ③ View all metrics >	
			Citations in Scopus	
Current Volume	Science 110, Issue 5, 1 March 2016, Pages 884-891	0.11	Field-Weighted Citation Impact	
	abis sativa (Cannabaceae) in ancient clay plaster of Ellora Caves, (Article)			
Singh, I	M.ª, Sardesai, M.M. ^b ⊠ ⊖			
	ological Survey of India, Science Branch, Western Zone, Aurangabad, 431 004, India	•		
^b Department of Botany, Dr Babasaheb Ambedkar Marathwada University, Aurangabad, 431 004, India			ics es, Mentions, nd Citations	
Abstra		beyond Scopus		
The present research trend is to explore sustainable construction materials having least environmental impact that also encapsulate in terms of our natural resources. The present communication discusses the use of raw hemp as an organic additive in the clay plaster of the 6th century AD Buddhist Caves of Ellora, a World Heritage Site. Cannabis sativa L. admixed in the clay plaster has been identified using scanning electron microscope, Fourier transform infrared spectroscopy and stereomicroscopic studies and the results are compared with fresh specimens. The study indicates that many valuable properties of hemp were known to the ancient Indians in the 6th century AD.			Cited by 2 documents Mineralogical, Chemical, and Thermal Characterizations of Historic Lime Plasters of	
SciVal	Topic Prominence ①		Sixteenth-century	
Topic: (Cannabis Cannabinoids C sativa	Daulatabad Fort, India Singh, M., Vinodh Kumar, S.		
Promine	ence percentile: 94.117 ①	The scope o	f hemp (Cannabis	
Author	keywords	conservation		
Ancient	Cannabis sativa Clay plaster World Heritage Site	Singh, M. , V. <i>(2018) India</i>	Mamania, D. , Shinde, n Journal of	
		Traditional I	Knowledge ting documents	
		view all 2 ci	ang documents	
ISSN: 00	DOI: 10.18520/cs/v110/i5/884-891 : CUSCA Document Type: Article	Inform me v	when this document	
Source 7	Type: Journal Publisher: Indian Academy of Sciences	Set citation	<u> </u>	
Original	language: English	out citation		
Refere	ences (31) View in search results format >	Set citation	feed >	
☐ Al	Export ☐ Print ☑ E-mail Save to PDF Create bibliography			
		Related d	ocuments	
∐ 1	Schultes, R.E., Klein, W.M., Plowman, T., Lockwood, T.E. Cannabis: an example of taxonomic neglect (1974) <i>Bot. Mus. Leafl., Harv. Univ</i> , 23, pp. 337-367. Cited 66 times.	sativa (Cann	nt into Cannabis abaceae) utilization rear-old Yanghai iang, China	
□ 2	Merlin, M.D.	Jiang, HE. (2006) Journ Ethnopharn		
	Archaeological Evidence for the Tradition of Psychoactive Plant Use in the Old World (2003) <i>Economic Botany</i> , 57 (3), pp. 295-323. Cited 83 times.	The scope of hemp (Cannabis sativa L.) use in historical conservation in india		
	http://www.springerlink.com/content/120950/ doi: 10.1663/0013-0001(2003)057[0295:AEFTTO]2.0.CO;2	Singh, M., Mamania, D., Shinde,		
	View at Publisher	V. (2018) India Traditional I	n Journal of Knowledge	

A combined analysis of agronomic traits and allozyme

□ 3	(2008) Hemp lime technology www.americanlimetechnology.com	allele frequencies for 69 Cannabis accessions Hillig, K.W.	
		(2005) Journal of Industrial Hemp View all related documents based	
□ 4	Abel, E.L.	on references	
	(1980) <i>Marijuana: The First Twelve Thousand Years</i> . Cited 134 times. Plenum Press, New York	Find more related documents in Scopus based on:	
		Authors > Keywords >	
□ 5	Fleming, M.P., Clarke, R.C. Physical evidence for the antiquity of Cannabis sativa L (1998) J. Int. Hemp Assoc, 5, pp. 80-92. Cited 31 times.		
□ 6	Jiang, HE., Li, X., Zhao, YX., Ferguson, D.K., Hueber, F., Bera, S., Wang, YF., (), Li, CS.		
	A new insight into Cannabis sativa (Cannabaceae) utilization from 2500-year-old Yanghai Tombs, Xinjiang, China		
	(2006) Journal of Ethnopharmacology, 108 (3), pp. 414-422. Cited 65 times. doi: 10.1016/j.jep.2006.05.034		
	View at Publisher		
7	Kajale, M.D. Archaeology and domestication of crops in the Indian subcontinent (1996) <i>Diversity</i> , 12 (3), pp. 23-34. Cited 2 times.		
□ 8	Bouquet, R.J. Cannabis		
	(1950) <i>Bull. Narc</i> , 2, pp. 14-30. Cited 25 times.		
□ 9	Schultes, R.E. Random thoughts and queries on the botany of Cannabis (1970) <i>The Botany and Chemistry of Cannabis</i> , pp. 11-38. Cited 37 times.		
	(eds Joyce, C. R. B. and Curry, S. H.), J. and A. Churchill Publishers, London		
10	Dai, D., Jan, M.		
_ 10	Characteristic and performance of elementary hemp fiber (2010) <i>Mater. Sci. Appl</i> , 1 (6), pp. 336-342. Cited 46 times.		
□ 11	Brett, C., Waldron, K. (1996) <i>Physiology and Biochemistry of Plant Cell Walls</i> . Cited 551 times.		
	Chapman and Hall, London, 2nd edn		
<u> </u>	Sankari, H.S.		
	Comparison of bast fibre yield and mechanical fibre properties of hemp (Cannabis sativa L.) cultivars		
	(2000) <i>Industrial Crops and Products</i> , 11 (1), pp. 73-84. Cited 58 times. doi: 10.1016/S0926-6690(99)00038-2		
	View at Publisher		

□ 13	de Bruijn, P.B. (2008) Hemp concretes-mechanical properties using both shives and fibres. Cited 4 times. Licentiate thesis. Swedish University of Agricultural Sciences, Alnarp
□ 14	Awwad, E., Mabsout, M., Hamad, B., Khatib, H. Preliminary studies on the use of natural fibers in sustainable concrete (2011) <i>Leban. Sci. J</i> , 12 (1), pp. 109-117. Cited 15 times.
□ 15	Awwad, E., Mabsout, M., Hamad, B., Farran, M.T., Khatib, H. Studies on fiber-reinforced concrete using industrial hemp fibers (2012) Construction and Building Materials, 35, pp. 710-717. Cited 30 times. doi: 10.1016/j.conbuildmat.2012.04.119 View at Publisher
□ 16	Sedlbauer, K. Frost damage of masonry walls - A hygrothermal analysis by computer simulations (2000) <i>Journal of Thermal Envelope and Building Science</i> , 23 (JAN.), pp. 277-281. Cited 4 times. View at Publisher
□ 17	Pacheco-Torgal, F., Jalali, S. Cementitious building materials reinforced with vegetable fibres: A review (2011) Construction and Building Materials, 25 (2), pp. 575-581. Cited 158 times. doi: 10.1016/j.conbuildmat.2010.07.024 View at Publisher
□ 18	Anderson, L.C. A study on systematic wood anatomy in Cannabis (1974) <i>Bot. Mus. Leafl., Harv. Univ</i> , 24, pp. 29-36. Cited 17 times.
□ 19	Anderson, L.C. Leaf variation among Cannabis species from a controlled garden (1980) <i>Bot. Mus. Leafl., Harv. Univ</i> , 28, pp. 61-69. Cited 22 times.
20	Emboden, W.A. Cannabis - a polytypic genus (1974) Economic Botany, 28 (3), pp. 304-310. Cited 24 times. doi: 10.1007/BF02861427 View at Publisher
☐ 21	Hillig, K.W. A chemotaxonomic analysis of terpenoid variation in Cannabis (2004) <i>Biochemical Systematics and Ecology</i> , 32 (10), pp. 875-891. Cited 55 times. doi: 10.1016/j.bse.2004.04.004 View at Publisher

22	Hillig, K.W., Mahlberg, P.G. A chemotaxonomic analysis of cannabinoid variation in Cannabis (Cannabaceae)	
	(2004) <i>American Journal of Botany</i> , 91 (6), pp. 966-975. Cited 114 times. http://www.amjbot.org/cgi/reprint/91/6/966.pdf doi: 10.3732/ajb.91.6.966	
	View at Publisher	
□ 23	Miller, N.G. The genera of Cannabaceae in the southeastern United States (1970) <i>J. Arnold Arbor., Harv. Univ</i> , 51, pp. 185-203. Cited 10 times.	
2 4	Davidyan, G.G. Botanicheskaya kharakteristika konopli (1972) <i>Tr. Prikl. Bot., Genet. Sel</i> , 48, pp. 17-52.	
☐ 25	Small, E., Cronquist, A.A. Practical and natural taxonomy for Cannabis (1976) <i>Taxon</i> , 25, pp. 405-435. Cited 104 times.	
☐ 26	Klimko, M. Morphological variability of Cannabis sativa L (1980) <i>Bull. Amis Sci. Lett. Poznan. Ser. D</i> , 20, pp. 127-134.	
□ 27	Rhydwen, R., Wright, M., Miskin, N., Flower, A., Butler, A. Dry-lining versus a hemp and lime insulating render for internal thermal renovation of a stone cottage in West Wales, including embodied energy assessment, interstitial wall monitoring, in-situ U-value and WUFI modelling (2012) In Retrofit 2012 Academic Conference. Cited 2 times. Salford University, UK	
□ 28	Morgan, J., Rhydwen, R., Wijeyesekera, D.C. An investigation into structural capabilities and suitability for mainstream construction of hemp and clay lightweight blocks (2012) In Advances in Computing and Technology: 7th Annual Conference University of East London	
29	Sadler, C.H., Rhydwen, R., Wijeyesekera, D.C. An investigation of the acute hygric properties of hemp and binder (2012) In Advances in Computing and Technology: 7th Annual Conference University of East London	
□ 30	Singh, M., Arbad, B.R. Characterization of traditional mud mortar of the decorated wall surfaces of Ellora caves (2014) Construction and Building Materials, 65, pp. 384-395. Cited 9 times. doi: 10.1016/j.conbuildmat.2014.04.126 View at Publisher	
□ 31	(1998) Industrial hemp, Global operations, local implications. Cited 2 times. www.Uky.edu/classes/GEN/101/Hemp/HEMP98.PDF	

🙎 Sardesai, M.M.; Department of Botany, Dr Babasaheb Ambedkar Marathwada University, Aurangabad, India; email:sardesaimm@gmail.com © Copyright 2016 Elsevier B.V., All rights reserved.

Customer Service Language

∧ Top of page

日本語に切り替える What is Scopus Help Content coverage 切换到简体中文 Contact us

切換到繁體中文 Scopus blog Scopus API Русский язык

Privacy matters

About Scopus

ELSEVIER Terms and conditions $\Break ag{7}$ Privacy policy 7

> Copyright 0 2018 Elsevier B.V \nearrow . All rights reserved. Scopus0 is a registered trademark of Elsevier B.V. We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

RELX Group™