CSIR-CLRI Publications for the period AUGUST 2023
(Indexed in SCI-Expanded)

August 2023

SL. NO.	AUTHORS	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DOI*
1.	Varghese, A; Jawahar, M; Prince, AA	Learning species-definite features from digital microscopic leather images	*Expert Systems with Applications*	224				2023	10.1016/j.eswa.2023.119971
2.	Cui, X; Li, CH; Yang, M; Liu, MZ; Gao, T; Wang, XM; Said, Z; Sharma, S; Zhang, YB	Enhanced grindability and mechanism in the magnetic traction nanolubricant grinding of Ti-6Al-4 V	*Tribology International*	186				2023	10.1016/j.triboint.2023.108603
3.	Priyadarshini, M; Ahmad, A; Das, I; Ghangrekar, MM; Dutta, BK	Efficacious degradation of ethylene glycol by ultraviolet activated persulphate: reaction kinetics, transformation mechanisms, energy demand, and toxicity assessment	*Environmental Science and Pollution Research*	30	36	85071	85086	2023	10.1007/s11356-023-27596-9
4.	Masilamani, D; Ariram, N; Madhan, B; Palanivel, S	An integrated process for effective utilization of collagenous protein from raw hide trimmings: Valorization of tannery solid wastes	*Journal of Cleaner Production*	415				2023	10.1016/j.jclepro.2023.137705
5.	Kumar, ETD; Easwaramoorthi, S; Rao, JR	Gold-reduced graphene oxide intimated BiVO4-ZnO mixed oxide composite with leveraged charge carrier transport under solar radiation	*Optical Materials*	142				2023	10.1016/j.optmat.2023.114054

6.	Choudhary, P; Ramalingam, B; Das, SK	Rational design of antimicrobial peptide conjugated graphene-silver nanoparticle loaded chitosan wound dressing	*International Journal of Biological Macromolecules*	246				2023	10.1016/j.ijbiomac.2023.125347
7.	Roshini, N; Lobob, NP; Kantha, S; Mandala, S	Microstructural, Thermal, and Adsorption Properties of Zeolitic Imidazolate Framework-8 Synthesized by a Facile Method	*Indian Journal of Engineering and Materials Sciences*	30	4	514	522	2023	10.56042/ijems.v30i4.4248
8.	Sankar, V; Murali, RC; Kumar, DS; Krishnaraj, K	A Validation of Material, Design, and Physical Properties of Weightlifting Shoes Based on 3D Models	*Indian Journal of Engineering and Materials Sciences*	30	4	559	566	2023	10.56042/ijems.v30i4.4021
9.	Sudhakar, M; Sasikumar, S; Natarajan, D; Ramakrishnan, R; Kiran, M	OPPOSING EFFECT OF CHLOROGENIC ACID ON INDUCTION OF BEIGE ADIPOCYTE PHENOTYPE IN 3T3-L1 ADIPOCYTES AND ANGIOGENIC PHENOTYPE IN ENDOTHELIAL CELLS	*Atherosclerosis*	379				2023	
10.	Sahu, B; Janani, V; Rao, RR; Bhalla, A; Abu Javid, M	Impact of Flax Seed Protein and Beeswax Emulsion Blend on Leather Finishing- A Novel Eco-Benign Formulation	*Journal of the American Leather Chemists Association*	111	8	340	345	2023	
11.	Nagaraj, A; Raghavan, SS; Niraikulam, A; Gautham, N; Gunasekaran, K	Sanggenol B, a plant bioactive, as a safer alternative to tackle cancer by antagonising human FGFR	*Journal of Biomolecular Structure & Dynamics*					2023	10.1080/07391102.2023.2245047
12.	Assanvo, EF; Nagaraj, S; Boa, D; Thanikaivelan, P	Hybrid collagen-cellulose-Fe₃O<sub>	*Scientific Reports*	13	1			2023	10.1038/s41598-023-40520-y

		4</sub>@TiO₂ magnetic bio-sponges derived from animal skin waste and Kenaf fibers for wastewater remediation							
13.	Singaraj, SP; Murali, RC; Kumaresan, A; Gunasekaran, B	Characteristic Analysis of Sisal Fabric and Cow Nubuck Leather for Developing Leather Lifestyle Accessories	*Journal of Natural Fibers*	20	2			2023	10.1080/15440478.2023.2218120
14.	Fatrekar, AP; Sreeram, S; Vernekar, A	Coordinated Axial Ligand and d-p Conjugated Network Makes the Difference: Engineered 2D Mn-Based Antioxidase Mimic for Enhancing Stem Cell Protection	*Chemmedchem*					2023	10.1002/cmdc.202300325
15.	Maity, N; Sharma, MK; Ghosh, S; Huss-Hansen, MK; Roy, A; Narayanan, R; Knaapila, M; Matsuda, W; Seki, S; Patil, S	Supramolecular Self-Assembly of Diketopyrrolopyrrole with Unprecedented Photoconductivity	*ACS Applied Electronic Materials*	5	9	5093	5102	2023	10.1021/acsaelm.3c00845
16.	Gorli, VN; Srinivasan, R	Spiropyrrolizidine Analogues of Rosuvastatin from N-(4-(4-Fluorophenyl)-5-formyl-6-isopropylpyrimidin-2-yl)-N-methylmethanesulfonamide	*Chemistryselect*	8	32			2023	10.1002/slct.202301985

***PD=Date of Publication; PY=Year of Publication; Vol=Volume; IS=Issue; BP=Beginning Page Number; EP=Ending Page Number, DOI=Digital Object Identifier**