

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

February 2023

SL. NO.	AUTHORS	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DOI*
1.	Raman, A; Neelambra, AU; Karunakaran, V; Easwaramoorthi, S	Solvent-Controlled Photoswitching of Azobenzene: An Excited State Shuttle	<i>Chemistry-Asian Journal</i>	18	3			2023	10.1002/asia.202201112
2.	Unnikrishnan, AC; Thennarasu, AS; Saveri, P; Pandurangan, S; Deshpande, AP; Ayyadurai, N; Shanmugam, G	π -System Functionalization Transforms Amyloidogenic Peptide Fragment of Human Islet Amyloid Polypeptide into a Super Hydrogelator	<i>Chemistry-Asian Journal</i>	18	4			2023	10.1002/asia.202201235
3.	Smile, SS; Shanmugam, P	N-S bond cleavage of tosyl hydrazones by dual reactive arynes: synthesis of diaryl sulfones, spiro[indazole-3,3'-indolin]-2'-one, and <i>N</i> -phenyl sulfonhydrazides	<i>New Journal of Chemistry</i>	47	8	3856	3863	2023	10.1039/d3nj00050h
4.	Sisila, V; Indhu, M; Radhakrishnan, J; Ayyadurai, N	Building biomaterials through genetic code expansion	<i>Trends in Biotechnology</i>	41	2	165	183	2023	10.1016/j.tibtech.2022.07.003
5.	Sathya, U; Keerthi	Development of membrane bioreactor integrated ozonation using polyvinylidene difluoride composites for textile dyeing wastewater treatment	<i>Journal of Materials Science-Materials In Electronics</i>	34	5			2023	10.1007/s10854-023-09823-8
6.	Ramesh, RR; Arathanaikotti, D; Abu Javid, M; Vijayarangan, K; Rathinam, A	Studies on the Fabrication of Hydrophobic Coating Incorporating Bentonite Clay and its Effect on the	<i>Journal of the American Leather Chemists Association</i>	118	2	67	74	2023	

		Physical Properties of the Finished Leather							
7.	Gayathri, V; Lobo, NP; Vikash, VL; Kamini, NR; Samanta, D	Functionalization of Bacterial Cellulose and Related Surfaces Using a Facile Coupling Reaction by Thermoresponsive Catalyst	<i>ACS Biomaterials Science & Engineering</i>	9	2	625	641	2023	10.1021/acsbio materials.2c01338
8.	Siva, V; Murugan, A; Shameem, A; Thangarasu, S; Kannan, S; Bahadur, SA	<i>In situ</i> encapsulation of V ₂ O ₅ @ZIF-8 nanocomposites as electrode materials for high-performance supercapacitors with long term cycling stability	<i>Journal of Materials Chemistry C</i>	11	8	3070	3085	2023	10.1039/d2tc03996f
9.	Venugopal, S; Khambhaty, Y; Abu, JM; Chandrasekaran, S	Utilization of phyto-based material for preservation of raw skin: A less salt and cleaner bio-intervention	<i>Environment Development and Sustainability</i>					2023	10.1007/s10668-023-03020-7

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