

CSIR-CLRI Publications for the period JULY 2024 (Indexed in SCI-Expanded)

JULY 2024

Sl. No.	AUTHORS	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DoI*
1.	Subbiah, N; Palanisamy, T	Harnessing Protein Waste into Reduced Graphitic Carbon Oxide-Copper-Collagen Nanocomposite for Visible Light Photocatalytic Degradation of Nano Plastics	<i>Advanced Sustainable Systems</i>	8	7			2024	10.1002/adsu.202300487
2.	Chattopadhyay, T; Biswas, C; Sreekumar, S; Kiran, MS; Ghosh, R	Insights into the selective anticancer activity of [Sn IV (L)(Cl) 2 (OH 2)] [L = (<i>E</i>)-<i>N</i> ,<i>N</i>-diethyl-2-(2-hydroxy-3-methoxybenzylidene) hydrazinecarbothioamide] at thiosemicarbazone appended tin(IV) site	<i>Inorganic Chemistry Communications</i>	165				2024	10.1016/j.inoche.2024.112525
3.	Mukherjee, C; Samanta, D; Nasar, AS; Jaisankar, SN; Sarkar, J	Preparation of Thermo-Responsive Smart and Shrinkable Bio-Composite Using Sugarcane Waste and	<i>Chemistryselect</i>	9	26			2024	10.1002/slct.202400462

		Sustainable Polyurethane							
4.	Meganathan, MK; Ramalingam, S	Green Nanoengineered Fabrics: Waste-Derived Polyphenol-Zinc@ Silica Core-Shell Reactive Janus Nanoparticles for Functional Fabrics	<i>ACS Applied Materials & Interfaces</i>	16	30	40004	40017	2024	10.1021/acsami.4c08268
5.	Rajendran, S; Bakthavatchalam, V; Kanagaraj, J; Panda, RC; Tamilselvi, A	A green chemistry approach through oxidative agent in combination with protease for dehairing: an enhanced path towards sustainability	<i>Polymer Bulletin</i>	81	10	8953	8977	2024	10.1007/s00289-023-05135-3
6.	Morajkar, RV; Fatrekar, AP; Vernekar, AA	Approach of a small protein to the biomimetic bis-(μ -oxo) dicopper active-site installed in MOF-808 pores with restricted access perturbs substrate selectivity of oxidase nanozyme	<i>Chemical Science</i>	15	28	10810	10822	2024	10.1039/d4sc02136c
7.	Jain, R; Majumdar, D; Chatterjee, S	Antibiotic Indexing and Heavy Metal Reduction Potential of Four Multi-metal Tolerant Bacterial Strains in Real-Time Sanitary Landfill Leachate Matrix	<i>Bulletin of Environmental Contamination and Toxicology</i>	113	1			2024	10.1007/s00128-024-03903-z

8.	Jawahar, M; Anbarasi, LJ; Narayanan, S; Gandomi, AH	An attention-based deep learning for acute lymphoblastic leukemia classification	<i>Scientific Reports</i>	14	1			2024	10.1038/s41598-024- 67826-9
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*PD=Date of Publication; PY=Year of Publication; Vol=Volume; IS=Issue; BP=Beginning Page Number; EP=Ending Page Number,
DOI=Digital Object Identifier