

CSIR-CLRI Publications for the period of March 2025 (Indexed in SCI-Expanded)

MARCH 2025

SL. No.	AUTHOR	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DOI*
1.	Maharaja, P; Athithyan, I; Karthiyayini, C; Kameswari, KSB	Evaluation of ozonation and electro oxidation treatment for the removal of organics and salt recovery from RO reject from leather industries: Sustainable approach for the management of contaminated salt in CETPs	<i>Applied Catalysis O: Open</i>	200				2025	10.1016/j.apcato.2025.207028
2.	Dash, UC; Nayak, V; Navani, HS; Samal, RR; Agrawal, P; Singh, AK; Majhi, S; Mogare, DG; Duttaroy, AK; Jena, AB	Understanding the molecular bridges between the drugs and immune cell	<i>Pharmacology & Therapeutics</i>	267				2025	10.1016/j.pharmthera.2025.108805
3.	Divya, D; Nandhagopal, M; Thennarasu, S	Deprotonation of the -NH proton from a pyrrole moiety enables concentration-dependent colorimetric and fluorescence quenching of silver(<i><sc>i</sc></i>) ions	<i>New Journal of Chemistry</i>	49	10	3918	3929	2025	10.1039/d4nj04758c
4.	Narayanan, K; Murugan, KS; Natarajan, TS	Ag@NiO/g-C3N4 nanocomposite: an efficient and high-performance electrochemical sensor for acetaminophen detection	<i>New Journal of Chemistry</i>	49	11	4703	4715	2025	10.1039/d4nj05527f

5.	Sharma, P; Sahu, BK; Swami, K; Chandel, M; Kumar, P; Palanisamy, T; Shanmugam, V	E-seed skin: a carbohydrate-protein hybrid nanostructure for delayed germination and accelerated growth	<i>Journal of Materials Chemistry B</i>	13	12	3895	3905	2025	10.1039/d4tb01603c
6.	Sardana, H; Kumar, BVNP; Ramakrishnan, S	Tracking solvent-induced conformational collapse of periodically grafted amphiphilic polymers using PFG NMR diffusometry	<i>Soft Matter</i>	21	13	2471	2479	2025	10.1039/d5sm00031a
7.	Divya, D; Mutharasan, A; Sharmila, G; Settu, M	Experimental and theoretical investigations on wavelength-specific probe for divalent metal ion detection	<i>Scientific Reports</i>	15	1			2025	10.1038/s41598-025-88039-8
8.	Mukherjee, S; Varshashankari, V; Feba, A; Ayyadurai, N; Balamurugan, K; Shanmugam, G	Hyperstable and Fibril-Forming Collagen-Mimetic Peptides in Shortest Triple Helices: Empowering the Capping by π -systems	<i>Biomacromolecules</i>	26	4	2171	2185	2025	10.1021/acs.biomac.4c01455

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