

CSIR-CLRI PUBLICATIONS INDEXED IN SCI-E FOR THE PERIOD OF SEPTEMBER 2025

SEPTEMBER 2025

Sl. No.	AUTHORS	TITLE	SOURCE	PY*	VL*	IS*	BP*	EP*	DoI*
1	Arunachallam, P; Kumaravel, V; Gopal, SR	Immobilization of α -amylase from <i>Aspergillus tamarai</i> MTCC5152: A comparative study of matrices and techniques	<i>Biocatalysis and Biotransformation</i>	2025	43	5	510	521	10.1080/10242422.2025.2542570
2	Ravichandran, S; Thanikaivelan, P	Sustainable solar driven photodegradation of ranitidine hydrochloride and tetracycline using Ag ₂ O-TiO ₂ /carbon nanocomposite: mechanistic insights and environmental implications	<i>Materials Today Sustainability</i>	2025	31				10.1016/j.mtsust.2025.101191
3	Valappil, S; Madhav, MC; Raghavan, SS; Nagaraj, A; Easwaramoorthi, S; Vijayavenkataraman, S; Ponesakki, G; Niraikulam, A	Mussel foot protein with genetically incorporated hydroxyproline and DOPA exhibits enhanced phase separation and underwater adhesion	<i>International Journal Of Biological Macromolecules</i>	2025	322				10.1016/j.ijbiomac.2025.146609
	Esackraj, K; Choutipalli, VSK; Nulakani, NVR; Ramanujam, K; Ganesan, VV; Shuford, KL; Subramanian, V	Rational Design of BN-Based Biphenylene Analogues as Single-Atom Catalysts for Electrochemical Nitrogen Reduction Reaction	<i>Acs Applied Energy Materials</i>	2025	8	17	12553	12569	10.1021/acsaem.5c01485
4	Chatterjee, S; Guha, AK; Chatterjee, B; Banerjee, P; Singha, NR	Sulphate-modified chitosan hydrogel beads a recyclable bio-adsorbent for Cu(II):	<i>International Journal Of Biological Macromolecules</i>	2025	323				10.1016/j.ijbiomac.2025.146997

		Experimental and theoretical studies toward nitrogen-/oxygen-donor selective binding and 1:1 complexation							
5	Kalangali, VH; Kanth, SV; Njau, KN; China, CR	Eco-friendly vegetable leather dyeing using green and sustainable natural dye from <i>Lannea schweinfurthii</i>	<i>Coloration Technology</i>	2025					10.1111/cote.70033
6	Nataraj, G; Chandran, R; Kalipriyadharshini, M; Bansal, D; Shanmugam, E; Das, MK; Chaudhuri, S	Facile access to indolo[2,3-b]quinoline alkaloids via DMSO-mediated cascade cyclization: unveiling their photophysical potential	<i>Organic Chemistry Frontiers</i>	2025	12	24	7081	7090	10.1039/d5qo01193k
7	Zhang, KW; De Maria, D; Jebakumar, M; Collins, J; Fox, KE; Sherrell, PC; Gelmi, A	The Bionic Interface: Considering the Material Mediated Electrical Stimulation of Stem Cells	<i>Advanced Materials</i>	2025					10.1002/adma.202512399
8	Singh, P; Kumar, S; Dixit, M	Understanding the effect of metal-oxygen bond covalency on anionic redox activity of Na-ion-based cathode materials through first-principles	<i>Journal Of Chemical Sciences</i>	2025	137	4			10.1007/s12039-025-02442-2

* PY*=Published Year, Vol*=Volume, Is*=Issue, BP*=Beginning Page, EP=Ending Page, Dol*=Digital Object Identifier.