

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

FEBRUARY 2025

SL. No.	AUTHOR	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DOI*
1.	Padmashrija, AJC; Kannadasan, S; Shanmugam, P	I2/p-TSA: An efficient reagent for regioselective synthesis of angularly fused diazabenzocyclopentafluorene via iodocyclisation of 11-(arylethynyl)-11H-indeno[1,2-b]quinoxalin-11-ol	<i>Tetrahedron Letters</i>	156				2025	10.1016/j.tetlet.2024.155448
2.	Fatrekar, AP; Vernekar, AA	A self-assembled nanozyme featuring precise active centers and topography exhibits controlled catalytic interplay with mitochondrial protein while regulating electron flow during bioinspired oxygen reduction	<i>Journal of Materials Chemistry A</i>	13	6	4299	4308	2025	10.1039/d4ta06131d
3.	Ezhilarasan, D; Karthick, M; Sharmila, M; Sanjay, S; Mani, U	Deciphering the Molecular Mechanisms of HAART-Induced Hepatotoxicity	<i>Journal of Biochemical and Molecular Toxicology</i>	39	2			2025	10.1002/jbt.70174
4.	Sundar, JV; Jesni, MJ; Rajapandian, V; Prakash, M; Subramanian, V	Exploring the Reaction Surface of Cu(I) Transfer from Atx1 to Ccc2a Protein: A Theoretical Study	<i>Chemistryselect</i>	10	6			2025	10.1002/slct.202403612
5.	Varghese, A; Jawahar, M; Prince, AA	LeaData a novel reference data of leather images for automatic species identification	<i>Scientific Reports</i>	15	1			2025	10.1038/s41598-025-88040-1

6.	Siddiqui, M; Alam, MS; Ali, M	Exploring the Potential of PEG-Based Deep Eutectic Solvents as a Sustainable Alternative for Extraction of Biological Macromolecules Bovine Serum Hemoglobin	<i>ACS Omega</i>	10	7	6839	6856	2025	10.1021/acsomeg.a.4c09125
7.	Stephen, K; Ravi, S; Samanta, D	Urethane Bond-Mediated Cross-Linking of Natural Rubber with Functionalized Silica Nanoparticles: Achieving Multifold Enhancement of Material Properties	<i>Industrial & Engineering Chemistry Research</i>	64	9	4882	4893	2025	10.1021/acs.iecr.4c04050

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