

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

SEPTEMBER 2024

Sl. No.	AUTHORS	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DOI*
1.	Mukherjee, C; Nath, AR; Jaisankar, SN; Sarkar, J	Advancements in Castor Oil-Derived Smart Materials: A Comprehensive Mini-Review	<i>Chemistryselect</i>	9	35			2024	10.1002/slct.202400885
2.	Pavithra, E; Kannadasan, S; Shanmugam, P	gent for the direct oxidation of t: sp ³ -OH: Synthesis of bis(N-methyl-7-azaindol-3-yl) (phenyl) nyl methylene)-bis(N-methyl-7-ndole)	<i>Tetrahedron Letters</i>	148				2024	10.1016/j.tetlet.2024.155239
3.	Singh, P; Maurya, KRA; Dixit, M	Unraveling the Contribution of Cationic and Anionic Redox in Na-Rich Cathode Materials through First-Principles Calculations	<i>ACS Applied Electronic Materials</i>	6	10	7065	7074	2024	10.1021/acsaelm.4c01199
4.	Pavithra, N; Felshia, SC; Sundar, VJ; Gnanamani, A	<i>Cyt</i><i> b</i> gene as a valid molecular authentication marker of cow leathers	<i>Mitochondrion</i>	78				2024	10.1016/j.mito.2024.101944
5.	Smile, SS; Gurusamy, H; Shanmugam, P	BF ₃ •OEt ₂ promoted synthesis of 9-fluorenylidene appended 2-hydrazinopyridine imines from (phenylethynyl)-fluorene and 2-hydrazinopyridine derivatives	<i>Synthetic Communications</i>	54	17	1413	1422	2024	10.1080/00397911.2024.2385538

6.	Fatrekar, AP; Morajkar, RV; Vernekar, AA	Expanding limits of artificial enzymes: unprecedented catalysis by an oxidase nanozyme in activating a structural protein for covalent crosslinking and conferring remarkable proteolytic resistance	<i>Chemical Science</i>	15	36	14726	14738	2024	10.1039/d4sc03767g
7.	Nagarajan, U; Denise, RM; Kanth, S; Natarajan, S	An eco friendly approach for the development of a dipeptide based anti-TB drug nanocomposites: A greener approach in drug delivery system for pulmonary delivery	<i>Sustainable Materials and Technologies</i>	41				2024	10.1016/j.susmat.2024.e01037
8.	Muralidharan, V; Jebathomas, CRT; Sundaramoorthy, S; Madhan, B; Palanivel, S	Preparation and evaluation of novel biodegradable Kombucha cellulose-based multi-layered composite tableware	<i>Industrial Crops and Products</i>	215				2024	10.1016/j.indcrop.2024.118629
9.	Bharadwaj, AVSLS; Ilangoan, A; Kameswari, KSB; Patle, DS; Kamsonlian, S	Ultrasound-assisted synthesis of biodiesel in the presence of a novel catalyst recovered from waste effluent/water: A mini-review	<i>Environmental Progress & Sustainable Energy</i>	43	5			2024	10.1002/ep.14450
10.	Vinayagam, M; Babu, RS; Sivasamy, A; de Barros, ALF	Physical activation assisted porous activated carbon from<i>Strychnos</i><i>Potatorium</i> shells for high-performance symmetric supercapacitors	<i>Materials Letters</i>	371				2024	10.1016/j.matlet.2024.136961

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