

CSIR-CLRI Publications for the period of January 2026 (Indexed in SCI-Expanded)

JANUARY 2026

Sl. No	AUTHORS	TITLE	SOURCE	PY*	VL*	IS*	BP*	EP*	DOI*
1.	Doss, PA; Swaminathan, S; Haribabu, J; Dharmasivam, M; Bhuvanesh, N; Moraga, D; Guerrero, J; Alajrawy, O; Karvembu, R	Ligand-driven variations in acylthiourea-copper(I) complexes: Synthesis, characterization, and insights into anticancer efficacy	<i>Inorganic Chemistry Communications</i>	2026	183				10.1016/j.inoche.2025.115714
2.	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>	2026	38	2			10.1002/adma.202512399
3.	Jayashree, S; Sheyara, RTB; Anbarasu, S; Samanta, D	Copper-catalyzed and metal-free azide-alkyne 'click' reactions: from synthesis and functionalization of small molecules to macromolecules	<i>Journal of Macromolecular Science Part A-Pure and Applied Chemistry</i>	2026	63	1	2	22	10.1080/10601325.2025.2570388
4.	Ramesh, RR; Nataraj, N; Nishter, NF; Jonnalagadda, RR	Fabrication of electrically conductive and flame-retardant leather through ionic liquid assisted in-situ polymerization of aniline	<i>Synthetic Metals</i>	2026	316				10.1016/j.synthmet.2025.118009
5.	Mahendran, G; Stephen, NM; Manivel, M; Maradagi, T; Nagarajan, M; Natarajan, J; Ponesakki, G	Phycobiliproteins of Marine Red Alga, <i>Kappaphycus Alvarezii</i> Possess Potent Antioxidant and Metal Chelating Properties, and Inhibit Hepatocellular	<i>Applied Biochemistry and Biotechnology</i>	2026	198	1	252	273	10.1007/s12010-025-05444-5

		Carcinoma (HepG2) Cell Growth							
6.	Sivaganesan, P; Elanchezhian, C; Bansal, D; Das, MK; Chaudhuri, S	An ion-pair as a superacidic precatalyst for the synthesis of indole alkaloids: a novel entry into the Fischer indole synthesis	<i>Green Chemistry</i>	2026	28	1	424	432	10.1039/d5gc04707b
7.	Manickam, A; Srinivasan, G; Murugan, J; Kartik, R; Sivakumar, S; Mohan, S	Crystalline nanoflake composite coating on plasma-treated 316 L SS for enhanced wettability and corrosion resistance	<i>Materials Today Communications</i>	2026	50				10.1016/j.mtcomm.2025.114327
8.	Subhashini, A; Shanmugam, P	Diverse Reactivity of 9-Fluorene Propargylic Alcohol and 1,3-Dicarbonyls with Bronsted and Lewis Acid Catalysts: Synthesis of Spiro, Conjugated, and 9-Ethynyl Fluorene Derivatives	<i>European Journal of Organic Chemistry</i>	2026	29	4			10.1002/ejoc.202500783
9.	Yuvaraj, P; Narayanan, J; Ajantha, J; Karuppusamy, M; Prakash, M; Rao, JR; Easwaramoorthi, S	Turn-on ratiometric Ag ⁺ sensing aids in situ synthesis of NIR emissive silver nanoclusters	<i>Chemical Communications</i>	2026	62	7	2318	2321	10.1039/d5cc05478h
10.	Arumugam, GS; Arumugam, C; Ganesan, A; Damodharan, K; Gummadi, SN; Muthusamy, S	Thermal and Mechanical Properties of High-Performance Polyester Hybrid Nanobiocomposites Reinforced with Pre-treated Short Pineapple Leaf Fibers for Automotive Applications	<i>ACS Omega</i>	2026	11	1	321	339	10.1021/acsomega.5c02081
11.	Dharmalingam, S; Athul, VR; Manikandan, S; Das, I; Sarkar, J	Low-Temperature-Curing Sustainable Waterborne Adhesives with Phase Change Properties for Leather	<i>ACS Sustainable Chemistry & Engineering</i>	2026	14	1	136	145	10.1021/acssuschemeng.5c08592

		Applications and Its Life-Cycle Assessment							
12.	Sujiritha, PB; Ramesh, KPM; Mannankatti, R; Vikash, VL; Ponesakki, G; Kamini, NR	Valorization of tannery fleshing waste into nitrogen source for sustainable production of microbial enzymes.	<i>3 Biotech</i>	2026	16	2			10.1007/s13205-025-04684-w
13.	Akilandeswari, G; Ayyadurai, N	Multifunctional Collagen-Like Protein as a Gene Therapy Vehicle for Biomedical Applications	<i>Cell Biochemistry and Function</i>	2026	44	1			10.1002/cbf.70154
14.	Ali, MA; Javaid, A; Muvva, C; Murugan, NA; Srivastava, V	Consensus scoring-guided virtual screening identifies potent anti-saprolegniasis compounds targeting a P450 fusion protein	<i>Frontiers in Microbiology</i>	2026	16				10.3389/fmicb.2025.1723326

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