

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

**FEBRUARY 2026**

Sl. No.	AUTHORS	TITLE	SOURCE	PY*	VL*	IS*	BP*	EP*	DoI*
1.	Rahaman, SN; Pranathy, K; Anandasadagopan, SK	Intra-Articular Injectable Chitosan- PVA Hydrogel Ingrained With Gallic Acid Loaded Mesoporous Silica Nanoparticles for Pain Relief and Cartilage Regeneration in Obese Osteoarthritic Rats	<i>Advanced Therapeutics</i>	2026	9	2			10.1002/adtp.20250029 3
2.	Gunalan, S; Somarathinam, K; Kanagaraj, S; Jaimohan, SM; Kothandan, G	Intriguing the significance of hydrophobic groove by the inhibitory mechanism of mineralocorticoid receptor bound with spironolactone through mutations using long-range molecular dynamics simulations in conjunction with statistical analysis	<i>Journal of Molecular Modeling</i>	2026	32	3			10.1007/s00894-026- 06639-1
3.	Ilangoan, A; Kanchinadham, SBK	Valorization of banana leaf waste for cellulose nanofiber extraction: a	<i>Biomass Conversion and Biorefinery</i>	2026	16	3			10.1007/s13399-026- 07069-y

		sustainable approach for leather applications							
4.	Padmashrija, AJC; Preethi, RK; Kannadasan, S; Shanmugam, P	Bronsted and Lewis Acid-Catalyzed Diverse Functionalization of Indenoquinoxaline-11-Propargyl Alcohols: Synthesis of 4-Indenoquinoxalinylidene-2,3-diarylcyclobutenone, 1,2-Dimethoxy-2-Arylethylideneindenoquinoxaline, and 2-Methoxy-1-phenyldiazabenzocyclopentafluorenes	<i>ACS Omega</i>	2026	11	6	10181	10190	10.1021/acsomega.5c11174
5.	Selladurai, K; Meganathan, MK; Ramalingam, S; Nishter, NF; Jonnalagadda, RR	Ionic liquid capsules for cold-resistant leathers: connecting the three pillars of green chemicals, clean processes and green products	<i>Green Chemistry</i>	2026	28	8	3731	3744	10.1039/d5gc05035a
6.	Vetrivel, V; Gowtham, M; Basavaraj, MG; Aswal, VK; Akilandeswari, G; Ayyadurai, N; Shanmugam, G	Design and self-assembly of an unconventional peptide-based dicephalic surfactant with an inverted architecture	<i>Soft Matter</i>	2026	22	7	1668	1678	10.1039/d5sm01282a
7.	Natarajan, P; Nadimuthu, V; Prabhakaran, A; Somasundaram, S	Liquid-phase catalytic oxidation of volatile organic compounds using molybdenum incorporated cobalt-	<i>Journal of Water Process Engineering</i>	2026	82				10.1016/j.jwpe.2026.109505

		cerium mixed metal oxide catalysts							
8.	Indhu, M; Sisila, V; Jayasurya, D; Ayyadurai, N	Catechol-linker and receptor-mediated site-specific delivery of bortezomib against non-small cell lung cancer	<i>Journal of Biological Chemistry</i>	2026	302	2			10.1016/j.jbc.2025.111095
9.	Pal, U; Nath, AR; Lakshmi, D; Banerjee, S; Das, AK; Ghosh, A; Sarkar, J	Aqueous dispersion of SWCNT using vegetable oil-based 3-Arm star oligomer: mechanistic investigation and its functional application	<i>New Journal of Chemistry</i>	2026	50	7			10.1039/d5nj04212g
10.	Narayanan, K; Murugan, KS; Natarajan, TS	Silver nanoparticles integrated SnO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> nanocomposite as highly sensitive electrochemical sensor for ascorbic acid	<i>Journal of Industrial and Engineering Chemistry</i>	2026	154		643	656	10.1016/j.jiec.2025.07.029

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