

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

MARCH 2026

Sl. No.	AUTHORS	TITLE	SOURCE	PY*	VL*	IS*	BP*	EP*	DOI*
1.	Annadurai, A; Javid, MA; Alam, MS	Physicochemical and thermal properties studies of chemically modified Jatropha oil as a fatliquoring agent in leather processing	<i>Journal of Thermal Analysis and Calorimetry</i>	2026	151	5	3797	3809	10.1007/s10973-025-14899-x
2.	Preethi, RK; Padmashrija, AJC; Sathananthan, K; Shanmugam, P	Aza-Michael Addition of 2-Aminopyridine with 7-Aza-2-Indolone Chalconides: Synthesis of Functionalized β -Enaminones and One-Pot N-Alkenylation-De aromatization of Pyridine Ring	<i>Synlett</i>	2026	37	5	629	635	10.1055/a-2751-7679
3.	Morajkar, RV; Mohammed, TP; Palliyarayil, A; Sankaralingam, M; Vernekar, AA	Multi-Subunit Nanozyme: A Functionally Programmed Ru Nanocluster-Installed Tannic Acid-Framed Hollow ZIF-8 Single Construct Exhibits Subunit-Specific Roles in Facilitating Remarkable Substrate Selective Catalysis	<i>Small</i>	2026	22	18			10.1002/sml.202513432
4.	Jayashree, S; Sheyara, RTB; Gunasekaran, B; Samanta, D	Kombucha bacterial cellulose as a sustainable leather alternative via tanning-like chromium coordination and "post-tanning" treatments	<i>Journal of the Indian Chemical Society</i>	2026	103	3			10.1016/j.jics.2026.102423

5.	Ravindran, E; Poonguzhali, B; Ali, PMMV; Jeevarathinam, AS; Murugan, P; Ryu, SY; Jung, JW	A Hierarchical Self-Assembly-Induced Solid-State White-Light Emission from a Solution-Processed Single Polymer	<i>Macromolecules</i>	2026	59	5	2835	2845	10.1021/a cs.macro mol.5c025 57
6.	Sundar, K; Khambhaty, Y; Kannan, CBN	Preserving Leather: A Review of Microbial Ecology, Biocide Action, Microbial Adaptation, and Strategies for Mitigating Resistance	<i>Journal of the American Leather Chemists Association</i>	2026	121	3	136	147	
7.	Vyas, D; Rathod, M; Khambhaty, Y; Basha, S	Sustainable removal of metanil yellow from aqueous systems via adsorption on Jatropha biodiesel cake nanobiomaterial	<i>Indian Journal of Chemical Technology</i>	2026	33	2	217	227	10.56042/i jct.v33i2.2 2185
8.	Duraisamy, DK; Saveri, P; Deshpande, AP; Anumaiya, V; Anandasadagopan, SK; Shanmugam, G	Tuning Supramolecular Hydrogels with Surfactant-Based Organic Nanoparticles for Drug Delivery	<i>Chempluschem</i>	2026	91	3			10.1002/c plu.70129
9.	Arunachallam, P; Kumaravel, V; Gopal, SR	Eco-Friendly Fiber Opening: Pollution Load Reduction Using α -Amylase and Protease From <i>Aspergillus tamarii</i> MTCC 5152	<i>Clean-Soil Air Water</i>	2026	54	3			10.1002/cl en.70146
10.	Roshini, N; Kumar, S; Dixit, M; Mandal, S	In Situ-Grown Zeolitic Imidazolate Framework-8@Mg-Fe Layered Double-Hydroxide Heterostructure with Enhanced Adsorption Properties: Insights from Experimental and Computational Investigations	<i>Langmuir</i>	2026	42	10	7371	7385	10.1021/a cs.langmui r.5c06728

11.	Raj, AS; Leelaram, S; Sudharshan, S; Kumar, SB; Balaji, D; Sivanesh, N; Senthilkumar, S; Karthikeyan, R; Anusha, S; Surianarayanan, M	Significance of measuring metabolic heat in bioprocess monitoring	<i>Journal of Thermal Analysis And Calorimetry</i>	2026	151	5	4209	4219	10.1007/s10973-026-15412-8
12.	Senthilkumar, M; Choutipalli, VSK; Esackraj, K; Nulakani, NVR; Ramanujam, K; Anjum, DH; Shuford, KL; Prakash, M; Subramanian, V	Nitrogenase Inspired Nitrogen Reduction on Mo/Fe-Modified Subunene: A Computational Exploration of Bio-Mimetic 2D Catalysis	<i>Journal of Physical Chemistry C</i>	2026	130	12	4386	4397	10.1021/acs.jpcc.5c08383

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