

CSIR-CLRI PUBLICATIONS INDEXED IN SCI-E FOR THE PERIOD OF OCTOBER 2025

OCTOBER 2025

Sl. No.	AUTHORS	TITLE	SOURCE	PY*	VL*	IS*	BP*	EP*	DoI*
1.	Alva, V; Jain, P; Khan, K; Zameer, F; Kumar, PP; Prashanth, KVH; Gopal, S; Niranjana, V; Sahu, B; Ravish, H; Raghu, A; Raghavendra, HL; Apturkar, KD	Helicobacter pylori associated MicroRNA and transcriptional networks in gastric pathogenesis: Exploring the epigenetic dialogue landscape	<i>Microbial Pathogenesis</i>	2025	207				10.1016/j.micpath.2025.107864
2.	Annamalai, D; Ramamoorthy, T; Solomon, AM; Gopinath, A; Masilamani, D; Bharathi, S; Raja, IS; Han, DW; Madhan, B	Combinatorial Glyoxal Cross-Linking and Glutamic Acid Capping for Mitigating Calcification in Bovine Pericardium	<i>Chemistry-An Asian Journal</i>	2025	20	19			10.1002/asia.202500652
3.	Bansal, D; Nataraj, G; Das, MK; Chaudhuri, S	A Serendipitous Non-Metal-Mediated Sp ³ C—H Functionalization of 2-Methyl Indolyl Scaffold for the Synthesis of 2-Alkenyl Indoles	<i>Asian Journal of Organic Chemistry</i>	2025	14	10			10.1002/ajoc.202500575
4.	Veeraprakash, B; Pratap, G; Lobo, NP; Ramanathan, KV; Narasimhaswamy, T	Mesophase Properties and Molecular Order of Shape Anisometrically Divergent Thiophene Mesogens	<i>Chemphyschem</i>	2025	26	19			10.1002/cphc.202500233

5.	Dineshkumar, Kalipriyadharshini, Karuppusamy, Selvaraju, Balamurugan, Saravanan, Easwaramoorthi, S	K; M; M; C; K; C;	Chloroform-Driven Excited-State Protonation of Pyrene-Dialkylaniline Derivatives Under Visible Light	<i>Chemistry-An Asian Journal</i>	2025	20	20			10.1002/asia.202500553
6.	Pachaiyappan, Jebakumar, Radhakrishnan, Ayyadurai, N	M; M; J;	An electrically conductive gellan gum/polyvinyl alcohol interpenetrating network hydrogel: a dual crosslinked 3D printing ink for cardiac tissue	<i>Journal of Materials Chemistry B</i>	2025	13	40	13020	13036	10.1039/d5tb01462j
7.	Wakekar, S; Jana, B; Yarramsetti, S; Ghosh, S; Patro, LN; Maram, PS; Shanmugam, M; Das, C		Hybrid polysaccharide-Nal derived transparent and flexible solid-state electrolyte films for sustainable design of supercapacitors	<i>Journal of Materials Chemistry A</i>	2025	13	41	35400	35410	10.1039/d5ta04374c
8.	Jebakumar, Pachaiyappan, Kamini, Radhakrishnan, Ayyadurai, N	M; M; NR; J;	Engineered Spider Silk in Core-Shell Multifunctional Fibrous Mat for Accelerated Chronic Diabetic Wound Healing via Macrophage Polarization	<i>ACS Biomaterials Science & Engineering</i>	2025	11	10	6017	6036	10.1021/acsbiomaterials.5c00737
9.	Chakrapani, G; Kumar, VV; Zare, M		Next-Generation Biomaterials: Design Strategies, Clinical Translation, and the Rise of Intelligent Therapeutic Platforms	<i>ACS Omega</i>	2025	10	40	46272	46293	10.1021/acsomega.5c06034
10.	Chelliah, Palaniyandi, S; Katakai, S; Kumarasamy, L	PAS;	Optimization of Substrate to Seed Inoculum Ratio for Enhanced Biogas	<i>Journal of Environmental Engineering</i>	2025	151	10			10.1061/JOEEDU.EEENG-7945

		Production from Vegetable Market Complex Waste							
11.	Maurya, A; Gupta, N; Singh, P; Bhutani, N; Anamika; Koner, RR; Dixit, M; Kuila, BK	Nitrogen- and Sulfur-Enriched Conjugated Polymer Network as an Electrocatalyst for the Oxygen Reduction Reaction and as a Cathode Material for Zinc-Air Batteries	<i>ACS Applied Energy Materials</i>	2025	8	19	14408	14416	10.1021/acsaem.5c02067
12.	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>	2025					10.1080/10601325.2025.2570388
13.	Bhise, R; Kadrekar, R; Singh, P; Nidamanuri, N; Arte, P; Nath, P; Wang, Y; Sheikh, AD; Dixit, M; Sahu, SP	Facile Single-Step Synthesis of PVP-Stabilized Ru NPs for Electrochemical Hydrogen Generation	<i>Energy & Fuels</i>	2025	39	43	20896	20907	10.1021/acs.energyfuels.5c02899
14.	Bansal, D; Sivaganesan, P; Sivaprasad, G; Ilango, J; Das, MK; Chaudhuri, S	Halogen Bond-Driven Oxa-Pictet-Spengler Cyclization Using CBr ₄ : A Metal-Free and Regioselective Approach for the Synthesis of Tetracyclic Dihydrochromenoindole Scaffolds	<i>Synlett</i>	2025					10.1055/a-2711-1613
15.	Annadurai, A; Javid, MA; Alam, MS	Physicochemical and thermal properties studies of chemically modified Jatropha oil as a	<i>Journal of Thermal Analysis and Calorimetry</i>	2025					10.1007/s10973-025-14899-x

		fatiquoring agent in leather processing							
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* PY*=Published Year, Vol*=Volume, Is*=Issue, BP*=Beginning Page, EP=Ending Page, Dol*=Digital Object Identifier.