

CSIR-CLRI Publications for the period JULY 2023 (Indexed in SCI-Expanded)

JULY 2023

SL. NO.	AUTHORS	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DOI*
1.	Vijayalekha, A; Anandasadagopan, SK; Pandurangan, AK	An Overview of Collagen-Based Composite Scaffold for Bone Tissue Engineering	<i>Applied Biochemistry and Biotechnology</i>	195	7	4617	4636	2023	10.1007/s12010-023-04318-y
2.	Divya, D; Mala, R; Nandhagopal, M; Narayanasamy, M; Thennarasu, S	Coordination of Distal Carboxylate Anion Alters Metal Ion Specific Binding in Imidazo[1,2- <i>a</i>]pyridine Congeners	<i>Journal of Fluorescence</i>	33	4	1397	1412	2023	10.1007/s10895-022-03122-x
3.	Murugan, KP; Sabarinathan, S; Prabhakaran, N; Swarnalatha, S	Valorization of hazardous chrome tanned leather buffing waste for the production of Cr2O3/carbon/TiO2 composite semiconductors with the removal of chlorophenol from its wastewater	<i>Chemical Engineering Journal</i>	468				2023	10.1016/j.cej.2023.143547
4.	Sindhuja, PP; Vijayan, V; Panda, RC	Control of time-delay systems through modified Smith predictor using sliding mode controller	<i>International Journal of Systems Science</i>	54	9	1961	1986	2023	10.1080/00207721.2023.2210151
5.	Sekhar, SC; Chandrasekhar, SS; Shrisha; Srinivasan, SV; Sridhar, S	Comprehensive treatment of aroma chemicals industrial effluent with substantial COD content by a novel	<i>Chemical Engineering Journal</i>	468				2023	10.1016/j.cej.2023.143658

		PVP/polyamide composite hydrophilized RO membrane							
6.	Senthilnathan, S; Jayaraman, S; Veeraraghavan, VP; Khan, JM; Ahmed, MZ; Ahmad, A; Gnanamani, A	HPTLC and GC-MS fingerprinting of two potential multifunctional siddha tailams: Mathan and maha megarajanga tailam	<i>Saudi Journal of Biological Sciences</i>	30	7			2023	10.1016/j.sjbs.2023.103700
7.	Augustine, G; Sisila, V; Indhu, M; Gupta, D; Tandel, D; Harshan, KH; Shanmugam, G; Padmapriya, P; Sivasubramanian, S; Kaveri, K; Ramudu, KN; Ayyadurai, N	Redirecting the JAK-STAT signal blocks the SARS-CoV-2 replication	<i>Journal of Medical Virology</i>	95	7			2023	10.1002/jmv.28965
8.	Vasagam, SN; Sornam, M	Region Wise Surface Level Defect Detection and Ranking of Crust Leather Images Based on Image Processing Techniques	<i>Journal of the American Leather Chemists Association</i>	118	7	282	292	2023	
9.	Jothieswari, M; Prabhakaran, N; Krithika, A; Swarnalatha, S	Reuse of Treated Domestic Sewage for Irrigation Purposes Using the Algal-based Treatment System	<i>Water Air and Soil Pollution</i>	234	7			2023	10.1007/s11270-023-06497-0
10.	Jithendra, P; Annamalai, D; Ebrahim, HA; Ibrahim, AM; El-Sherbiny, M; Rajam, AM; EL-Nablaway, M; Mohamed, JMM	Bioassessment of the inflammatory response of macrophages to collagen-chitosan scaffold blended with Aloe vera	<i>Biomass Conversion and Biorefinery</i>					2023	10.1007/s13399-023-04535-9
11.	Felshia, SC; Gnanamani, A	Study on free and entangled binary metal nanocatalysts for removal of 2,4,6-trichlorophenol in aqueous phase: a comparative study	<i>Nanotechnology</i>	34	30			2023	10.1088/1361-6528/acd061

12.	Arunachallam, P; Kumaravel, V; Gopal, SR	Purification and biochemical characterization of α -amylase from <i>Aspergillus tamarii</i> MTCC5152	<i>Preparative Biochemistry & Biotechnology</i>					2023	10.1080/10826068.2023.2235694
13.	Stephen, K; Gayathri, V; Lobo, NP; Kumar, BVNP; Jaisankar, SN; Samanta, D	Improving Hydrophobicity of Collagen with Silica Nanoparticles: Probing a Noncovalent Approach	<i>Langmuir</i>	39	31	10828	10842	2023	10.1021/acs.langmuir.3c00842
14.	Senthilraj Kapoor, P; Kalaiarasi, G; Indumathy, R; Dharani, S; Lynch, VM; Sathayaraj, G	Cobalt (II), Nickel (II) and Palladium (II) complexes appended terpyridine-based ligand: Synthesis, spectral characterization, anticancer activity and apoptosis investigation	<i>Applied Organometallic Chemistry</i>					2023	10.1002/aoc.7201

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