

CSIR-CLRI Publications for the period OCTOBER 2022 (Indexed in SCI-Expanded)

OCTOBER 2022

SL. No.	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Madhu, V; Sivakalai, M; Janardhanan, SK; Madurai, SL	A new-fangled horizon in leather process to sidestep toxic chrome and formaldehyde using hyperbranched polymer	CHEMOSPHERE	OCT	2022	304				10.1016/j.chemosphere.2022.135355
2	Jayakumar, GC; Niklesh, C; Kandhan, SJ; Aaron, KP; Krishnaraj, K	Physico-Insight on Sewability Properties of Crust Leathers Using Melamine Syntan and Synthetic Fatliquor	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	OCT	2022	117	10	407	411	
3	Vijayan, AN; Solaimuthu, A; Murali, P; Gopi, J; Madhan, TY; Akshaya, PR; Korrapati, PS	Decorin mediated biomimetic PCL-gelatin nano-framework to impede scarring	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	OCT 31	2022	219		907	918	10.1016/j.ijbiomac.2022.08.029
4	Mandal, S; Suresh, S; Priya, N; Banothu, R; Mohan, R; Sreeram, KJ	Phthalate migration and its effects on poly(vinyl chloride)-based footwear: pathways, influence of environmental conditions, and the possibility of human exposure	ENVIRONMENTAL SCIENCE- PROCESSES & IMPACTS	OCT 19	2022	24	10	1844	1854	10.1039/d2em00059h
5	Inbasekar, C; Akshaya, A; Fathima, NN	Facile Synthesis of Copper-5-Aminoisophthalic Acid	CHEMISTRYSELECT	OCT 7	2022	7	37			10.1002/slct.202202253

		Metal Organic Framework as a Potential Drug Carrier for Ibuprofen								
6	Vijayan, AN; Satish, A; Balan, P; Korrapati, PS	Regulatory significance of CULLIN2 in neuronal differentiation and regeneration	NEUROCHEMISTRY INTERNATIONAL	OCT	2022	159				10.1016/j.neuint.2022.105386
7	Ghorai, S; Jana, B; Pan, D; Ramasamy, T; Parshi, N; Arumugam, G; Ganguly, J	Evaluation of nanofibril chitosan@8-formyl-7-hydroxy-coumarin hydrogel having distinct auto-fluorescence efficiency: Structure-properties relation, improved antioxidant, and cellular imaging	JOURNAL OF APPLIED POLYMER SCIENCE	OCT 10	2022	139	38			10.1002/app.52908
8	Pavithra, E; Kannadasan, S; Shanmugam, P	Synthesis of 5-aryl-3,3'-bis-indolyl and bis-7-aza-indolyl methanone derivatives from 5-bromo-7-azaindoles via sequential methylenation using microwave irradiation, CAN oxidation, and Suzuki coupling reactions	RSC ADVANCES	OCT 24	2022	12	47	30712	30721	10.1039/d2ra05849a
9	Sadananda, D; Mallikarjunaswamy, AMM; Prashantha, CN; Mala, R; Gouthami, K; Lakshminarayana, L; Ferreira, LFR; Bilal, M; Rahdar, A; Mulla, SI	Recent development in chemosensor probes for the detection and imaging of zinc ions: a systematic review	CHEMICAL PAPERS	OCT	2022	76	10	5997	6015	10.1007/s11696-022-02284-z

10	Yang, J; Ghosh, S; Roeser, J; Acharjya, A; Penschke, C; Tsutsui, Y; Rabeah, J; Wang, TY; Tameu, SYD; Ye, MY; Gruneberg, J; Li, S; Li, CX; Schomacker, R; Van de Krol, R; Seki, S; Saalfrank, P; Thomas, A	Constitutional isomerism of the linkages in donor-acceptor covalent organic frameworks and its impact on photocatalysis	NATURE COMMUNICATIONS	OCT 23	2022	13	1			10.1038/s41467-022-33875-9
11	Ramesh, S; Karuppasamy, K; Vikraman, D; Yadav, HM; Kim, HS; Sivasamy, A; Kim, HS	Fabrication of NiCo2S4 accumulated on metal organic framework nanostructured with multiwalled carbon nanotubes composite material for supercapacitor application	CERAMICS INTERNATIONAL	OCT 1	2022	48	19	29102	29110	10.1016/j.ceramint.2022.05.048
12	Ezhilarasan, D; Mani, U	Valproic acid induced liver injury: An insight into molecular toxicological mechanism	ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY	OCT	2022	95				10.1016/j.etap.2022.103967
13	Meganathan, I; Pachaiyappan, M; Aarthy, M; Radhakrishnan, J; Mukherjee, S; Shanmugam, G; You, JJ; Ayyadurai, N	Recombinant and genetic code expanded collagen-like protein as a tailorable biomaterial	MATERIALS HORIZONS	OCT 31	2022	9	11	2698	2721	10.1039/d2mh00652a

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