

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

JULY 2022

SL. No.	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Indrakumar, J; Balan, P; Murali, P; Solaimuthu, A; Vijayan, AN; Korrapati, PS	Applications of molybdenum oxide nanoparticles impregnated collagen scaffolds in wound therapeutics	JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY	JUL	2022	72				10.1016/j.jtemb.2022.126983
2	Gayathri, V; Sheyara, RTB; Devassy, N; Samanta, Ddebasis	Investigating the degradation of PET utilizing NHC-based catalysts and effective reuse of the degradation product as an additive with polyurethane adhesive material	JOURNAL OF APPLIED POLYMER SCIENCE	JUL 15	2022	139	27			10.1002/app.52474
3	Balan, P; Khanam, A; Indrakumar, J; Solaimuthu, A; Murali, P; Vijayan, AN; Korrapati, PS	Electrospun multifaceted nanocomposites for promoting angiogenesis in curing burn wound	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	JUL	2022	73				10.1016/j.jddst.2022.103425
4	Kasthuri, J; Sivasamy, A; Rajendiran, N	Green Chemical Synthesis of N-Cholyl-L-Cysteine Encapsulated Gold Nanoclusters for Fluorometric Detection of Mercury Ions	JOURNAL OF FLUORESCENCE	JUL	2022	32	4	1347	1356	10.1007/s10895-022-02935-0

5	Sathish, M; Gopinath, A; Madhan, B; Subramanian, V; Rao, JR	Cyclic carbonate: A green multifunctional agent for sustainable leather manufacture	JOURNAL OF CLEANER PRODUCTION	JUL 1	2022	356					10.1016/j.jclepro.2022.131818
6	Benny, AT; Arikatt, SD; Vazhappilly, CG; Kannadasan, S; Thomas, R; Leelabaiamma, MSN; Radhakrishnan, EK; Shanmugam, Ponnusamy	Chromone, A Privileged Scaffold in Drug Discovery: Developments in the Synthesis and Bioactivity	MINI-REVIEWS IN MEDICINAL CHEMISTRY	JULY	2022	22	7	1030	1063		10.2174/1389557521666211124141859
7	Shapterhasmi, T; Palani, N; Velusamy, M; Bhuvanesh, NSP; Sundaravel, K; Easwaramoorthi, S	Iron(III) complexes of pyrrolidine and piperidine appended tridentate 3N donor ligands as models for catechol dioxygenase enzymes	INORGANICA CHIMICA ACTA	JUL 1	2022	537					10.1016/j.ica.2022.120924
8	Singh, P; Ujjainiya, R; Prakash, S; Naushin, S; Sardana, V; Bhatheja, N; Singh, AP; Barman, J; Kumar, K; Gayali, S; Khan, R; Rawat, BS; Tallapaka, KB; Anumalla, M; Lahiri, A; Kar, S; Bhosale, V; Srivastava, M; Mugale, MN; Pandey, CP; Khan, S; Katiyar, S; Raj, D; Ishteyaque, S; Khanka,	A machine learning-based approach to determine infection status in recipients of BBV152 (Covaxin) whole-virion inactivated SARS-CoV-2 vaccine for serological surveys	COMPUTERS IN BIOLOGY AND MEDICINE	JUL	2022	146					10.1016/j.compbio.2022.105419

	Puthiyamadam, A; Valappil, PK; Prasannakumari, AVP; Chodankar, K; Damare, S; Agrawal, VV; Chaudhary, K; Agrawal, A; Sengupta, S; Dash, D									
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*PD=Date of Publication; PY=Year of Publication; Vol=Volume; IS=Issue; BP=Beginning Page Number; EP=Ending Page Number, DOI=Digital Object Identifier