

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

JUNE 2022

SL. No.	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Fathima, NN; Tarannum, A; Rao, JR	Insights into protein-ionic liquid interaction: A comprehensive overview on theoretical and experimental approaches	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	JUN 1	2022	209		498	505	10.1016/j.ijbiomac.2022.04.050
2	Annadurai, A; Samanta, D; Alam, MS	Investigation of physicochemical, thermophysical and surface properties of fatliquors	JOURNAL OF MOLECULAR LIQUIDS	JUN 1	2022	355				10.1016/j.molliq.2022.118976
3	George, K; Elavarasan, P; Ponnusamy, S; Sathananthan, K	Facile One-Pot Synthesis of Functionalized Quinoline-Fused Fluorescent Dihydro/Spiro-quinazolinone Derivatives	ACS OMEGA	JUN 21	2022	7	24	20605	20618	10.1021/acsomega.2c00674
4	Sharma, S; Sudhakara, P; Petru, M; Singh, J; Rajkumar, S	Effect of nanoadditives on the novel leather fiber/recycled poly(ethylene-vinyl-acetate) polymer composites for multifunctional applications: Fabrication, characterizations, and multiobjective	NANOTECHNOLOGY REVIEWS	JUN 22	2022	11	1	2366	2432	10.1515/ntrev-2022-0067

		optimization using central composite design								
5	Venkatramani, J; Sahu, B	A Mini Review Role of Natural Binders in Leather Finishing- A Comparative Approach	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	JUN	2022	117	6	223	231	
6	Fahad, MM; Reza, MS; Prasad, G; Jaisankar, SN; Kim, KJ; Kim, H	Polysomnographic Observation Using Triboelectric Pressure Sensor Composed of Polymer-Pairs Having Coarse Surface	FIBERS AND POLYMERS	JUN	2022	23	6	1490	1499	10.1007/s12221-022-4969-3
7	Josephine, GAS; Jayaprakash, K; Sivasamy, A	Flower-shaped ZnO-CeO ₂ nanorectangles: an efficient photocatalyst for degradation of endocrine disruptor 2,4-dichlorophenoxy acetic acid under visible light	BULLETIN OF MATERIALS SCIENCE	JUN 14	2022	45	3			10.1007/s12034-022-02687-4
8	Jamir, E; Sarma, H; Priyadarsinee, L; Nagamani, S; Kiewhuo, K; Gaur, AS; Rawal, RK; Murugan, NA; Subramanian, V; Sastry, GN	Applying polypharmacology approach for drug repurposing for SARS-CoV2	JOURNAL OF CHEMICAL SCIENCES	JUN	2022	134	2			10.1007/s12039-022-02046-0
9	Kadirvelu, K; Fathima, NN	Keratin functionalized electrospun PEI/PAN microfiltration system as a simple and sustainable approach for anionic dye removal	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	JUN	2022	10	3			10.1016/j.jece.2022.107791

10	Ghosh, S; Prasanthkumar, S; Das, S; Saeki, A; Seki, S; Ajayaghosh, A	Structurally directed thienylenevinylene self- assembly for improved charge carrier mobility: 2D sheets vs. 1D fibers	CHEMICAL COMMUNICATIONS	JUN 14	2022	58	48	6837	6840	10.1039/d2cc0211 1k
11	Nair, RR; Mondal, MM; Srinivasan, SV; Weichgrebe, D	Biochar Synthesis from Mineral- and Ash-Rich Waste Biomass, Part 1: Investigation of Thermal Decomposition Mechanism during Slow Pyrolysis	MATERIALS	JUN	2022	15	12			10.3390/ma15124 130

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