

**CSIR-CLRI Publications for the period DECEMBER 2021
(Indexed in SCI-Expanded)**

December 2021

Sl. No.	AUTHORS	TITLE	SOURCE	PY*	VL*	IS*	BP*	EP*	DOI*
1	Sivakumar, V	Analysis of Process Safety and Occupational Health in Leather Process Industry: A Holistic Approach	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	116	12	428	434	
2	Venkatesh, M; Ashokraj, J; Babu, PR; Sreeram, KJ; Lakshmi, MS	Recycling of used domestic waste oils: A benign emulsifier-free lubricating material for leather process	JOURNAL OF CLEANER PRODUCTION	2021	329				10.1016/j.jclepro.2021.129654
3	Alla, JP; Nishter, NF; Rao, JR	Thermal Sensitive Agents for Making Stimuli Responsive Leathers	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	115	12	459	467	
4	Vinayagam, M; Babu, RS; Sivasamy, A; de Barros, ALF	Biomass-derived porous activated carbon nanofibers from Sapindus trifoliatus nut shells for high-performance symmetric supercapacitor applications	CARBON LETTERS	2021	31	6	1133	1143	10.1007/s42823-021-00235-4
5	Azeeze, MST; Santhosh, SB; Manjari, MS;	Potential Role of In Vitro-In Vivo Correlations (IVIVC) for the Develop-	CURRENT DRUG TARGETS	2021	22	12	1357	1375	10.2174/1389450121999201113110433

	Meyyanathan, SN	ment of Plant-Derived Anticancer Drugs							
6	Durairaj, P; Venkatesan, S; Narayanan, V; Babu, M	Curcumin inhibition of bleomycin-induced changes in lung collagen synthesis, deposition and assembly	MOLECULAR BIOLOGY REPORTS	2021	48	12	7775	7785	10.1007/s11033-021-06790-3
7	Kanemoto, SO; Gouthaman, S; Venkatesh, M; Cheumani, AM; Ndikontar, MK; Lakshmi, MS	Thermal performance of polyurethane nanocomposite from phosphorus and nitrogen-containing monomer, polyethylene glycol and polydimethylsiloxane for thermal energy storage applications	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2021	146	6	2435	2444	10.1007/s10973-020-10478-4
8	Mohanty, A; Fatrekar, AP; Vernekar, AA	All Ag Nanoparticles Are Not the Same: Covalent Interactions between Ag Nanoparticles and Nitrile Groups Help Combat Drug- and Ag-Resistant Bacteria	CHEMMEDCHEM	2021	16	23	3545	3547	10.1002/cmdc.202100447
9	Ramar, P; Aishwarya, BV; Samanta, D	A photocatalytic chip inspired from the photovoltaics of polymer-immobilized surfaces: self-assembly and other factors	CHEMICAL COMMUNICATIONS	2021	57	96	12964	12967	10.1039/d1cc04381a

10	Genet, ET; Wegene, JD; Gebrehiwot, GA; Thanikaivelan, P	Ethiopian Ankelba: An Attempt to Modernize the Cultural Leather Artifact	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	115	12	435	443	
11	Sindhuja, A; Kurinjimalar, C; Jayakumar, GC; Yasoithai, A; Kanth, SV	Development of Sustainable Strategies for Leather Waste Management through Bacterial Remediation	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	115	12	454	458	
12	Christopher, JM; Mohan, M; Sridharan, R; Somasundaram, S; Ganesan, S	Biosurfactant matrix for the environmental clean-up of dichlorophenol from aqueous medium and soil	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2021	28	45	64278	64294	10.1007/s11356-021-15265-8
13	Josephine, GAS; Jayaprakash, K; Meenakshi, G; Sivasamy, A; Devi, GN; Viswanath, RN	Photocatalytically active ZnO flaky nanoflowers for environmental remediation under solar light irradiation: effect of morphology on photocatalytic activity	BULLETIN OF MATERIALS SCIENCE	2021	44	4			10.1007/s12034-021-02531-1
14	Rathinavel, S; Korrapati, PS; Kalaiselvi, P; Dharmalingam, S	Mesoporous silica incorporated PCL/Curcumin nanofiber for wound healing application	EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES	2021	167				10.1016/j.ejps.2021.106021
15	Wu, XF; Li, CH; Zhou, ZM; Nie, XL; Chen, Y; Zhang, YN;	Circulating purification of cutting fluid: an overview	INTERNATIONAL JOURNAL OF ADVANCED	2021	117	9-10	2565	2600	10.1007/s00170-021-07854-1

	Cao, HJ; Liu, B; Zhang, NA; Said, Z; Debnath, S; Jamil, M; Ali, HM; Sharma, S		MANUFACTURING TECHNOLOGY						
16	David, E; Thirumoorthy, K; Palanisami, N	Aggregation-induced emission (AIE)- active N-arylated ferrocenyl pyrazole chromophores: second-order nonlinear optical and turn on/off fluorescence for the detection of picric acid in mixed aqueous media	MATERIALS CHEMISTRY FRONTIERS	2021	5	24	8290	8307	10.1039/d1qm01022k

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