

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

NOVEMBER 2022

SL. No.	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Manimegalai, NP; Ramanathan, G; Gunasekaran, D; Jeyakumar, GFS; Sivagnanam, UT	Cardinal acuity on the extraction and characterization of soluble collagen from the underutilized abattoir junks for clinical demands	PROCESS BIOCHEMISTRY	NOV	2022	122		29	37	10.1016/j.procbio.2022.08.011
2	Ariram, N; Pradeep, S; Sundaramoorthy, S; Madhan, B	Single pot low float chromium tanning: Cleaner pathway approach to environment friendly leather manufacturing	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	NOV	2022	167		434	442	10.1016/j.psep.2022.09.024
3	Venkatesan, N; Kesavan, T; Raja, M; Ramanujam, K; Fathima, NN	Efficient electrochemical performance of nitrogen-doped porous activated carbon for high energy symmetric pouch cell supercapacitors	JOURNAL OF ENERGY STORAGE	NOV 30	2022	55				10.1016/j.est.2022.105698
4	Navya, PV; Gayathri, V; Samanta, D; Sampath, S	Bacterial cellulose: A promising biopolymer with interesting properties and applications	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	NOV 1	2022	220		435	461	10.1016/j.ijbiomac.2022.08.056
5	Bhavani, R; Sivasamy, A	Sonocatalytic degradation of direct	INDIAN JOURNAL OF	NOV	2022	29	6	599	615	10.56042/ijct.v29i6.67432

		blue dye using semiconductor nanocatalyst	CHEMICAL TECHNOLOGY							
6	Sowndarya, AAG; Mandal, S; Prasanna, R	Phosphate intercalated Mg/Al layered double hydroxide nanosheets as a novel flame retardant for leather: Synthesis, characterization, and application studies	APPLIED CLAY SCIENCE	NOV 15	2022	230				10.1016/j.clay.2022.106714
7	Choutipalli, VSK; Esackraj, K; Varathan, E; Subramanian, V	Vacancy defect assisted enhanced nitrogen fixation in boron nitride nanomaterials	APPLIED SURFACE SCIENCE	NOV 15	2022	602				10.1016/j.apsusc.2022.154406
8	Kanagaraj, J; Panda, RC; Prasanna, R	Sustainable chrome tanning system using protein-based product developed from leather waste: wealth from waste	POLYMER BULLETIN	NOV	2022	79	11	10201	10228	10.1007/s00289-021-04060-7
9	Jawahar, M; Prassanna, J; Ravi, V; Anbarasi, LJ; Jasmine, SG; Manikandan, R; Sekaran, R; Kannan, S	Computer-aided diagnosis of COVID-19 from chest X-ray images using histogram-oriented gradient features and Random Forest classifier	MULTIMEDIA TOOLS AND APPLICATIONS	NOV	2022	81	28	40451	40468	10.1007/s11042-022-13183-6
10	Sreekumar, S; Vijayan, V; Singh, F; Sudhakar, M; Lakra, R;	White to brown adipocyte transition mediated by Apigenin via VEGF-PRDM16 signaling	JOURNAL OF CELLULAR BIOCHEMISTRY	NOV	2022	123	11	1793	1807	10.1002/jcb.30316

	Korrapati, PS; Kiran, MS									
11	Poonkodi, B; Lakshmi, MS; Tamilselvi, A; Jones, CS; Deepa, K; Pattabi, S; Bakrudeen, HB; Prabhu, K; Kim, SC; Ranjith, MS	Bio-nanocomposite films loaded with lemon leaf extract for bio packaging application	JOURNAL OF KING SAUD UNIVERSITY SCIENCE	NOV	2022	34	8			10.1016/j.jksus.2022.10 2333
12	Vinodhini, C; Kiruthika, SE; Perumal, PT; Chitra, K	Neat multicomponent assembly of highly functionalized Acenaphtho[1,2- b]pyrroles, in vitro evaluation for antioxidant and cytotoxic activities	JOURNAL OF HETEROCYCLIC CHEMISTRY	NOV	2022	59	11	1996	2005	10.1002/jhet.4536
13	Cui, X; Li, CH; Ding, WF; Chen, Y; Mao, C; Xu, XF; Liu, B; Wang, DZ; Li, HN; Zhang, YB; Said, Z; Debnath, S; Jamil, M; Ali, HM; Sharma, S	Minimum quantity lubrication machining of aeronautical materials using carbon group nanolubricant: From mechanisms to application	CHINESE JOURNAL OF AERONAUTICS	NOV	2022	35	11	85	112	10.1016/j.cja.2021.08.0 11
14	Vimalanathan, S; Shehata, M; Sadasivam, K; Delbue, S; Dolci, M; Pariani, E; D'Alessandro, S; Pleschka, S	Broad Antiviral Effects of Echinacea purpurea against SARS-CoV-2 Variants of Concern and Potential Mechanism of Action	MICROORGANIS MS	NOV	2022	10	11			10.3390/microorganism s10112145

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