

CSIR-CLRI Publications 2022 (Indexed in SCI-Expanded)

EARLY ACCESS (Published online prior to final assignment in a completed Volume/Issue)

SL. No.	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Mohan, R; Sivakumar, V	Analysis and correlation of ultrasound cavitation energy in ultrasound tank with coloration of fibrous materials: leather dyeing	BRAZILIAN JOURNAL OF CHEMICAL ENGINEERING							10.1007/s43153-022-00241-7
2	Mozhiarasi, V; Natarajan, Thillai Sivakumar	Slaughterhouse and poultry wastes: management practices, feedstocks for renewable energy production, and recovery of value added products	BIOMASS CONVERSION AND BIOREFINERY							10.1007/s13399-022-02352-0
3	Mukherjee, M; Mandal, S; Gnanasundaram, S; Das, BN	Polyurethane-layered double hydroxide nanocomposite foam: in situ synthesis by reaction injection molding and characterization	POLYMER INTERNATIONAL							10.1002/pi.6365

4	Sundaramoorthy, S; Singh, N; Taube, CR; Katiyar, R; Muralidharan, V; Palanivel, Saravanan	Electro-oxidation of tannery wastewater to achieve zero discharge - a step towards sustainability	ENVIRONMENTAL TECHNOLOGY							10.1080/09593330.2022.2049887
5	Kanagaraj, J; Panda, RC; Prasanna, R	Sustainable chrome tanning system using protein-based product developed from leather waste: wealth from waste	POLYMER BULLETIN							10.1007/s00289-021-04060-7
6	Mandal, S; Jayanthi, D; Muralidharan, C	Reduction in chemicals leaching in the leather industry effluent using hydrated layered double hydroxide as a fixative	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY							10.1007/s13762-022-04020-2
7	Jawahar, Malathy; Anbarasi, LJ; Geetha, S	Vision based leather defect detection: a survey	MULTIMEDIA TOOLS AND APPLICATIONS							10.1007/s11042-022-13308-x
8	Kumar, S; Koo, YH; Higashino, T; Matsuda, W; Ghosh, S; Tsutsui, Y; Suda, M; Imahori, H; Suzuki, K; Kaji, H; Seki, S	Truxenone Triimide: Two-Dimensional Molecular Arrangements of Triangular Molecules for Air Stable n-Type Semiconductors	ADVANCED ELECTRONIC MATERIALS							10.1002/aelm.202101390
9	Natarajan, P; Karmegam, PM; Madasamy, J; Somasundaram, Swarnalatha; Ganesan, S	Effective treatment of domestic sewage to reuse in textile dyeing and catalytic treatment of generated dye wastewater	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY							10.1007/s13762-022-04275-9

10	Sisila, V; Janeena, A; Prem, S; Mohandass, P; Narayanan, J; Easwaramoorthi, S; Ganesh, S; Kamini, NR; Ayyadurai, N	Protein-based metal bio-cleaner for detoxification of wastewater	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY							10.1002/jctb.7130
11	Ariram, N; Gopinath, A; Madhan, B; Rao, JR	Supercritical carbon dioxide fiber opening: a new paradigm for cleaner leather manufacture	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY							10.1007/s10098-022-02286-1
12	Kailasam, S; Sundaramanickam, A; Tamilvanan, R; Kanth, Swarna Vinodh	Macrophytic waste optimization by synthesis of silver nanoparticles and exploring their agro-fungicidal activity	INORGANIC AND NANO-METAL CHEMISTRY							10.1080/24701556.2022.2034013
13	Aaron, Kavati Phebe; Rose, ZS; Kaliappa, K	Study on the Amalgamation of Jute Fabric and Leather for Lifestyle Applications	JOURNAL OF NATURAL FIBERS							10.1080/15440478.2022.2036290
14	Vijayan, AN; Indrakumar, J; Gomathinayagam, S; Gothandam, KM; Korrapati, PS	Bi-Functional Aspects of Peptide Decorated PLGA Nanocarriers for Enhanced Translocation Across the Blood-Brain Barrier through Macropinocytosis	MACROMOLECULAR RESEARCH							10.1007/s13233-022-0061-5
15	Senthil, R; Kavukcu, SB; Cakir, S; Turkmen, H; Basaran, B; Alagumuthu, Tamilselvi	Utilization of various solid leather wastes for the production of blended bricks	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY							10.1007/s10098-022-02295-0

16	Gopal, SS; Kasiappan, R; Vallikannan, B; Ponesakki, G	Effective inhibition of adipogenesis-mediated inflammation by a macular carotenoid, lutein in vitro	JOURNAL OF FOOD BIOCHEMISTRY							10.1111/jfbc.14211
17	Benish, PMR; Mozhiarasi, V; Nagabalaji, V; Weichgrebe, D; Srinivasan, SV	Optimization of process parameters for enhanced methane production from banana peduncle by thermal pretreatment	BIOMASS CONVERSION AND BIOREFINERY							10.1007/s13399-022-02917-z
18	Jawahar, Malathy; 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							10.1007/s11042-022-13183-6
19	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							10.1007/s11696-022-02284-z

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