

CSIR-CLRI Publications 2021(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; Deevakar, L; Sivakumar, V	Towards holistic technology solution to chromite ore processing residue (COPR) challenge; global issue: review and analysis	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY							10.1007/s13762-020-03097-x
2	Raghavan, SS; Iqbal, S; Niraikulam, A; Gunasekaran, K	Insights in the structural understanding of amyloidogenicity and mutation-led conformational dynamics of amyloid beta (A beta) through molecular dynamics simulations and principal component analysis	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS							10.1080/07391102.2021.1871955
3	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	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY							10.1007/s10973-020-10478-4

		polydimethylsiloxane for thermal energy storage applications								
4	Boopathi, AA; Bhavani, T; Lobo, NP; Narasimhaswamy, T	C-13 NMR investigations and molecular order of nematogens with biphenyl and bithiophene at terminus	LIQUID CRYSTALS							10.1080/02678292.2021.1883139
5	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							10.1007/s42823-021-00235-4
6	Venkatesan, G; Subramani, T; Karunanidhi, D; Sathya, U; Li, PY	Impact of precipitation disparity on groundwater fluctuation in a semi-arid region (Vellore district) of southern India using geospatial techniques (vol 28, pg 18539, 2021)	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH							10.1007/s11356-021-13406-7

7	Banerjee, K; Debroy, M; Balla, VK; Bodhak, S	Recent progress in 3D-printed polyaryletherketone (PAEK)-based high- performance polymeric implants for musculoskeletal reconstructions	JOURNAL OF MATERIALS RESEARCH							10.1557/s43578-021- 00231-4
8	Essomba, JS; Alla, JP; Belibi, PDB; Fathima, NN	Clay/polymer nanocomposite material: a sustainable approach of leather industries wastewater treatment	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY							10.1007/s13762-021- 03376-1
9	Venkatachalam, M; Rathinam, A; Rao, JR; Krishnan, C	Bioconversion of animal hair waste using salt- and sulphide-tolerant Bacillus sp. KLP1 and depilation using keratinase	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY							10.1007/s13762-021- 03437-5
10	Vasantharaj, S; Shivakumar, P; Sathiyavimal, S; Senthilkumar, P; Vijayaram, S; Shanmugavel, M; Pugazhendhi, A	Antibacterial activity and photocatalytic dye degradation of copper oxide nanoparticles (CuONPs) using Justicia gendarussa	APPLIED NANOSCIENCE							10.1007/s13204-021- 01939-9

11	Chakladar, S; Mohanty, A; Patar, PK; Chakravarty, S; Mandal, S; Mallick, S; Jha, BC; Singh, NK; Shukla, BN	Demineralization of high ash non-coking coal fines of Indian origin using Castor oil: Implications of wet milling	INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION							10.1080/19392699.2021. 1946800
12	Pandi, A; Gowthaman, MK; Kamini, NR	Pulp bio-bleaching using a stable and scalable laccase from <i>Peroneutypa</i> <i>scoparia</i>	WOOD SCIENCE AND TECHNOLOGY							10.1007/s00226-021- 01312-7
13	Mozhiarasi, V; Speier, CJ; Rose, PMB; Weichgrebe, D; Venkatachalam, SS	Influence of pre- treatments and anaerobic co- digestion of slaughterhouse waste with vegetable, fruit and flower market wastes for enhanced methane production	BIOMASS CONVERSION AND BIOREFINERY							10.1007/s13399-021- 01709-1
14	Sathish, M; Gobinath, T; Sundaramanickam, A; Saranya, K; Nithin, A; Surya, P	Biomedical applications of carrageenan hydrogel impregnated with zinc oxide nanoparticles	INORGANIC AND NANO-METAL CHEMISTRY							

15	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							10.1007/s11356-021-15265-8
16	Hemalatha, T; Aarthy, M; Pandurangan, S; Kamini, NR; Ayyadurai, N	A deep dive into the darnning effects of biomaterials in infarct myocardium: current advances and future perspectives	HEART FAILURE REVIEWS							10.1007/s10741-021-10144-3
17	Rathore, HS; Sivagnanam, UT; Abraham, LS; Prakash, D; Panda, RC; Senthilvelan, T	Green synthesized silver nanoparticles-impregnated novel gum kondagogu-chitosan biosheet for tissue engineering and wound healing applications	POLYMER BULLETIN							10.1007/s00289-021-03832-5
18	Elisa, DDP; Ganesan, VV	Switch-on effect on conformation-specific arylamine-DNA adduct by cyclometalated Ir(III) complexes (vol 25, pg 305, 2020)	JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY							

19	Velappan, B; Gnanasekaran, S; Victor, JS; Alagumuthu, T; Nagarajan, V; Chinnaraj, VK; Chellappa, M	Characterization and application of dried neem leaf powder as a bio- additive for salt less animal skin preservation for tanneries	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH							
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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