

CSIR-CLRI Publications for the period SEPTEMBER 2020
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SEPTEMBER 2020

Sl. No.	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Kanthasamy, P; Selvan, VAM; Shanmugam, P	Investigation on the performance, emissions and combustion characteristics of CRDI engine fueled with tallow methyl ester biodiesel blends with exhaust gas recirculation	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	SEP	2020	141	6	2325	2333	10.1007/s10973-020-09770-0
2	Subramanian, N; Paramashivan, SS; Mahadevan, S; Renganathan, V	Thermal analysis of kerosene with 1,2-methyl ethyl 1-methyl pyrrolidinium bis(trifluoromethanes ulfonyl) amide as an additive	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	SEP	2020	141	6	2347	2354	10.1007/s10973-020-09792-8
3	Santhosh, SB; Tharik, AMS; Manjari, MS; Balakrishnan, R; Muruganandam, N; Chandrasekar, MJN	Coronavirus disease - COVID-19: new perceptives towards epidemic to pandemic	JOURNAL OF DRUG TARGETING	13-Sep	2020	28	8-Jul	755	759	10.1080/1061186X.2020.1803885
4	China, CR; Maguta, MM; Nyandoro, SS; Hilonga, A; Kanth, SV; Njau, KN	Alternative tanning technologies and their suitability in curbing environmental pollution from the leather industry: A	CHEMOSPHERE	SEP	2020	254				10.1016/j.chemosphere.2020.126804

		comprehensive review								
5	Amudha, S; Ramya, JR; Arul, KT; Deepika, A; Sathiamurthi, P; Mohana, B; Asokan, K; Dong, CL; Kalkura, SN	Enhanced mechanical and biocompatible properties of strontium ions doped mesoporous bioactive glass	COMPOSITES PART B-ENGINEERING	1-Sep	2020	196				10.1016/j.compositesb.2020.108099
6	Sannasimuthu, A; Ramani, M; Paray, BA; Pasupuleti, M; Al-Sadoon, MK; Alagumuthu, TS; Al-Mfarrij, AR; Arshad, A; Mala, K; Arockiaraj, J	Arthrospira platensis transglutaminase derived antioxidant peptide-packed electrospun chitosan/poly (vinyl alcohol) nanofibrous mat accelerates wound healing, in vitro, via inducing mouse embryonic fibroblast proliferation	COLLOIDS AND SURFACES B-BIOINTERFACES	SEP	2020	193				10.1016/j.colsurfb.2020.111124
7	Varghese, A; Jain, S; Prince, AA; Jawahar, M	Digital Microscopic Image Sensing and Processing for Leather Species Identification	IEEE SENSORS JOURNAL	1-Sep	2020	20	17	10045	10056	10.1109/JSEN.2020.2991881
8	Yadav, HM; Ramesh, S; Kumar, KA; Shinde, S; Sandhu, S; Sivasamy, A; Shrestha, NK; Kim, HS; Kim, HS; Bathula, C	Impact of polypyrrole incorporation on nickel oxide@multi walled carbon nanotube composite for application in supercapacitors	POLYMER TESTING	SEP	2020	89				10.1016/j.polymertesting.2020.106727

9	Shoba, E; Lakra, R; Kiran, MS; Korrapati, PS	3 D nano bilayered spatially and functionally graded scaffold impregnated bromelain conjugated magnesium doped hydroxyapatite nanoparticle for periodontal regeneration	JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS	SEP	2020	109				10.1016/j.jmbbm.2020.103822
10	Srivastava, R; Alam, MS	Spectroscopic studies of the aggregation behavior of Human Serum Albumin and cetyltrimethylammonium bromide	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	1-Sep	2020	158		394	400	10.1016/j.ijbiomac.2020.04.254
11	Sahu, B; Selvi, AT; Aravindhan, R	Fungus-Resistant Fatliquor from Blended Natural Oils-A Sustainable Lubricating Product	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	SEP	2020	115	9	324	329	JALCA
12	Josephine, GAS; Sivasamy, A	Degradation of Orange G and Malachite green dyes under visible light irradiation: Double layered core-shell nanoparticle as an efficient photocatalyst	INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	SEP	2020	59	9	1259	1264	http://nopr.niscair.res.in/handle/123456789/55354

13	Bhavani, R; Sivasamy, A	Novel homogeneous catalyst assisted sonocatalytic degradation of dye Direct Blue 71	INDIAN JOURNAL OF CHEMISTRY SECTION A- INORGANIC BIO- INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	SEP	2020	59	9	1265	1272	http://nopr.niscair.res.in/handle/123456789/55353
15	Swaminathan, S; Ramalingam, Y; Ranganathan, B; Gimbun, J; Muthumariappan, S; Mani, U	Breast cancer nutritional chemistry cachexia oncology - A clinical trials perspective	INDIAN JOURNAL OF CHEMISTRY SECTION A- INORGANIC BIO- INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	SEP	2020	59	9	1369	1371	http://nopr.niscair.res.in/handle/123456789/55338
16	Vishnupriya, V; Phebe, K; Karthikeyan, K; Krishnaraj, K; Mohan, R; Vasagam, N	Compatibility of mulberry silk fabric with cow nappa leather for product development	INDIAN JOURNAL OF FIBRE & TEXTILE RESEARCH	SEP	2020	45	3	298	304	
17	Mangaonkar, SR; Shetgaonkar, SE; Vernekar, AA; Singh, FV	Ultrasonic-Assisted Hypervalent Iodine-Catalyzed Cyclization of (E)-2-Hydroxystilbenes to Benzofurans Using Iodobenzene as Pre-catalyst	CHEMISTRYS ELECT	14-Sep	2020	5	34	10754	10758	10.1002/slct.202002860

18	Murugan, KP; Balaji, M; Kar, SS; Swarnalatha, S; Sekaran, G	Nano fibrous carbon produced from chromium bearing tannery solid waste as the bitumen modifier	JOURNAL OF ENVIRONMENTAL MANAGEMENT	15-Sep	2020	270				10.1016/j.jenvman.2020.110882
19	Ramesh, S; Yadav, H; Bathula, C; Shinde, S; Sivasamy, A; Kim, HS; Kim, HS; Kim, JH	Cubic nanostructure of Co ₃ O ₄ @nitrogen doped graphene oxide/polyindole composite efficient electrodes for high performance energy storage applications	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY -JMR&T	SEP-OCT	2020	9	5	1146 4	1147 5	10.1016/j.jmrt.2020.08.037

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