

CSIR-CLRI Publications for the period AUGUST 2020
(Indexed in SCI-Expanded)

AUGUST 2020

Sl. No.	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Manjari, MS; Aaron, KP; Muralidharan, C; Rose, C	Highly biocompatible novel polyphenol cross-linked collagen scaffold for potential tissue engineering applications	REACTIVE & FUNCTIONAL POLYMERS	AUG	2020	153				10.1016/j.reactfunctpolym.2020.104630
2	Visalatchi, M; Madhan, B; Shanmugam, G	N-Vanillynonanamide, a natural product from capsicum oleoresin, as potential inhibitor of collagen fibrillation	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	1-Aug	2020	156		1146	1152	10.1016/j.ijbiomac.2019.11.148
3	Balakrishnan, A; Kanchinadham, SBK; Kalyanaraman, C	Studies on the effect of pre-treatment of vegetable tanning process wastewater prior to biological treatment	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	AUG	2020	8	4			10.1016/j.jece.2020.104020
4	Ariram, N; Sathish, M; Madhan, B	Chemical/Water-Free Delimiting Process Using Supercritical Carbon Dioxide: A Step toward	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	10-Aug	2020	8	31	11747	11754	10.1021/acssuschemeng.0c03867

		Greener Leather Manufacture								
5	Maiyelvaganan , KR; Ravva, MK; Prakash, M; Subramanian, V	Benchmark studies on protonated benzene (BZH(+)) and water (W-n, n=1-6) clusters: a comparison of hybrid DFT with MP2/CBS and CCSD(T)/CBS methods	THEORETICAL CHEMISTRY ACCOUNTS	12-Aug	2020	139	9			10.1007/s00214-020-02660-6
6	Arumugam, S; Kuppan, J; Devaraj, M; Arumugam, S	Fe-Pd-Immobilized Al-Pillared Laponite Clay as an Efficient Catalyst for the Conversion of Furfural into Tetrahydrofurfuryl Alcohol	CHEMISTRYSELECT	14-Aug	2020	5	30	9314	9322	10.1002/slct.202001869
7	Jaganathan, M; Selvaraju, C; Dhathathreyan , A	pH induced reorganization of protein-protein interface in liposome encapsulated Ferritin at air/fluid and fluid/solid interfaces	JOURNAL OF MOLECULAR LIQUIDS	15-Aug	2020	312				10.1016/j.molliq.2020.113422
8	Rallapalli, S; Guhathakurta, S; Korrapati, PS	Isolation, growth kinetics, and immunophenotypic characterization of adult human cardiac progenitor cells	JOURNAL OF CELLULAR PHYSIOLOGY	AUG	2020	236	3	1840	1853	10.1002/jcp.29965

9	Balasubramanian, S; Irfan, N; Senthilkumar, C; Umamaheswari, A; Puratchikody, A	The synthesis and biological evaluation of virtually designed fluoroquinolone analogs against fluoroquinolone-resistant <i>Escherichia coli</i> intended for UTI treatment	NEW JOURNAL OF CHEMISTRY	21-Aug	2020	44	31	13308	13318	10.1039/d0nj00657b
10	Velusamy, M; Chakali, B; Ganesan, S; Tinwala, F; Venkatachalam, SS	Investigation on pyrolysis and incineration of chrome-tanned solid waste from tanneries for effective treatment and disposal: an experimental study	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	AUG	2020	27	24	29778	29790	10.1007/s11356-019-07025-6
11	Velusamy, M; Speier, CJ; Michealammal, BRP; Shrivastava, R; Rajan, B; Weichgrebe, D; Venkatachalam, SS	Bio-reserves inventory-improving substrate management for anaerobic waste treatment in a fast-growing Indian urban city, Chennai	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	AUG	2020	27	24	29749	29765	10.1007/s11356-019-07321-1

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