

**CSIR-CLRI Publications for the period JULY 2021
(Indexed in SCI-Expanded)**

JULY 2021

SI. No	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Matuszek, K; Vijayaraghavan, R; Kar, M; Mahadevan, S; MacFarlane, DR	Guanidinium Organic Salts as Phase-Change Materials for Renewable Energy Storage	CHEMSUSCHEM	6-Jul	2021	14	13	2757	2762	10.1002/cssc.202100724
2	Periyathambi, P; Hemalatha, T	Development of water-soluble curcumin grafted magnetic nanoparticles for enhancing bioavailability, fluorescence, and magnetic resonance imaging activity	MATERIALS LETTERS	1-Jul	2021	294				10.1016/j.matlet.2021.129763
3	Muthusamy, S; Mahendiran, B; Sampath, S; Jaisankar, SN; Anandasadagopan, SK; Krishnakumar, GS	Hydroxyapatite nanophases augmented with selenium and manganese ions for bone regeneration: Physiochemical, microstructural and biological characterization	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	JUL	2021	126				10.1016/j.msec.2021.112149

4	Muthukrishnan, L; Ramakrishnan, P	Pretreatment evaluation of gallic acid tuned nanosilver for short-term preservation of goat skins in leather processing	JOURNAL OF NANOPARTICLE RESEARCH	JUL	2021	23	7				10.1007/s11051-021-05247-9
5	Islam, MR; Warsi, F; Alam, MS; Ali, M	Solvatochromic behaviour of coumarin 102 in PEGs + ionic liquid/water solutions: Role of solute-solvent or solvent-solvent interactions	JOURNAL OF MOLECULAR LIQUIDS	15-Jul	2021	334					10.1016/j.molliq.2021.116483
6	Mahendiran, B; Muthusamy, S; Sampath, S; Jaisankar, SN; Popat, KC; Selvakumar, R; Krishnakumar, GS	Recent trends in natural polysaccharide based bioinks for multiscale 3D printing in tissue regeneration: A review	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	31-Jul	2021	183		564	588		10.1016/j.ijbiomac.2021.04.179
7	Priya, G; Madhan, B; Kumar, UN; Manjubala, I	Development of carboxymethylcellulose based composites for bone tissue engineering	BIOINSPIRED BIOMIMETIC AND NANOBOMATERIALS	JUL	2021	10	2	61	69		10.1680/jbibn.20.00045
8	Sahu, B; Alla, JP; Jayakumar, GC	Studies on the Development of Benzoyl Peroxide Catalysed Rapid Oil Tanning using Linseed Oil	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	JUL	2021	116	7	227	232		

9	Jayakumar, GC; Aaron, KP; Krishnaraj, K	A Comprehensive Understanding on Sewability of Natural Biomaterial: An Insight on Process Optimization during Leather Manufacture	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	JUL	2021	116	7	233	238
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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