

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

September 2021

SI. No.	AUTHORS	TITLE	SOURCE	PY*	VL*	IS*	BP*	EP*	DOI*
1	Thilagam, R; Gnanamani, A	Preparation, characterization and cell response studies on bioconjugated 3D protein hydrogels with wide-range stiffness: An approach on cell therapy and cell storage	COLLOIDS AND SURFACES B-BIOINTERFACES	2021	205				10.1016/j.colsurfb.2021.111843
2	Sundar, VJ; Muralidharan, C	Metal-Free Combination Tanning with Replenishable Polyphenols and Marine Oil	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	116	9	317	321	
3	Maharaja, P; Mahesh, M; Prabhakaran, AN; Patchaimurugan, K; Swarnalatha, S; Sekaran, G	Treatment of Slaughterhouse Wastewater by Integrated Anaerobic/Aerobic Bioreactors Loaded with Immobilized Nanoporous Activated Carbon	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	116	9	303	311	
4	Kurinjimalar, C; Jayakumar, GC; Selvi, AT; Venba, R; Jawhar, M; Kanth, SV	Biocolorant for Leather Dyeing Applications: An Eco-benign Evaluation of Natural Coloring Agent	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	2021	116	9	322	331	

5	Pandi, A; Gowthaman, MK; Kamini, NR	Pulp bio-bleaching using a stable and scalable laccase from <i>Peroneutypa scoparia</i>	WOOD SCIENCE AND TECHNOLOGY	2021	55	5	1509	1525	10.1007/s00226-021-01312-7
6	Jana, S; Samanta, D; Fahad, MM; Jaisankar, SN; Kim, H	Blocking and Deblocking of Diisocyanate to Synthesize Polyurethanes	POLYMERS	2021	13	17			10.3390/polym13172875
7	Sharma, S; Sudhakara, P; Omran, AAB; Singh, J; Ilyas, RA	Recent Trends and Developments in Conducting Polymer Nanocomposites for Multifunctional Applications	POLYMERS	2021	13	17			10.3390/polym13172898
8	Ragothaman, M; Villalan, AK; Dhanasekaran, A; Palanisamy, T	Bio-hybrid hydrogel comprising collagen- capped silver nanoparticles and melatonin for accelerated tissue regeneration in skin defects	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2021	128				10.1016/j.msec.2021.112328
9	Archana, T; Sreelekshmi, S; Subashini, G; Grace, AN; Arivanandhan, M; Jayavel, R	The effect of graphene quantum dots/ZnS co- passivation on enhancing the photovoltaic performance of CdS quantum dot sensitized solar cells	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	2021	45	11	15879	15891	10.1002/er.6821
10	Raja, IS; Preeth, DR; Vedhanayagam, M; Hyon, SH; Lim, D; Kim, B;	Polyphenols-loaded electrospun nanofibers in bone tissue engineering and regeneration	BIOMATERIALS RESEARCH	2021	25	1			10.1186/s40824-021-00229-3

	Rajalakshmi, S; Han, DW								
11	Ramesh, S; Karuppasamy, K; Haldorai, Y; Sivasamy, A; Kim, HS; Kim, HS	Hexagonal nanostructured cobalt oxide @ nitrogen doped multiwalled carbon nanotubes/polypyrrole composite for supercapacitor and electrochemical glucose sensor	COLLOIDS AND SURFACES B- BIOINTERFACES	2021	205				10.1016/j.colsurfb.2021.111840
12	Venkateswarlu, D; Swetha, T; Choutipalli, VSK; Subramanian, V; Singh, SP	Hexyl dithiafulvalene (HDT) substituted bipyridine ancillary ligands for panchromatic sensitization	SOLAR ENERGY	2021	226		245	250	10.1016/j.solener.2021.08.029

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