

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

**FEBRUARY 2020**

SI. No.	AUTHORS	TITLE	SOURCE	PD*	PY*	VL*	IS*	BP*	EP*	DOI*
1	Subramanian, AM; Nanjan, SE; Prakash, H; Santharam, L; Ramachandran, A; Sathyaseelan, V; Ravi, DP; Mahadevan, S	Biokinetics of fed-batch production of poly (3-hydroxybutyrate) using microbial co-culture	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	FEB	2020	104	3	1077	1095	10.1007/s00253-019-10274-7
2	Gnanasundaram, S; Ramalingam, P; Das, BN; Viswanathan, V	Gait changes in persons with diabetes: Early risk marker for diabetic foot ulcer	FOOT AND ANKLE SURGERY	FEB	2020	26	2	163	168	10.1016/j.fas.2019.01.005
3	Sundar, K; Khambhaty, Y; Kannan, CBN	Identification and Characterization of Potential Biocide-Resistant Fungal Strains from Infested Leathers - A Systematic Study	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	FEB	2020	115	2	39	48	JALCA
4	Sahu, B; Alla, JP; Jayakumar, GC; Raj, A	Influence of Benzenecarboxylic Acid on Chamois Leather Process	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION	FEB	2020	115	2	49	53	JALCA
5	Krishnamurthy, M; Lobo, NP; Samanta, D	Improved Hydrophobicity of a Bacterial Cellulose Surface: Click Chemistry in Action	ACS BIOMATERIALS SCIENCE & ENGINEERING	FEB	2020	6	2	879	888	10.1021/acsbiomaterials.9b01571

6	Kanagaraj, J; Panda, RC; Jayakumar, GC	Interaction of glyoxal with collagenous matrix and its behavioral aspects for non-toxic and sustainable tanning system	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	FEB	2020	17	2	879	890	10.1007/s13762-019-02327-1
7	Harishkumar, R; Manjari, MS; Rose, C; Selvaraj, CI	Protective effect of Nelumbo nucifera (Gaertn.) against H2O2-induced oxidative stress on H9c2 cardiomyocytes	MOLECULAR BIOLOGY REPORTS	FEB	2020	47	2	1117	1128	10.1007/s11033-019-05208-5
8	Padmanabhan, VP; Kulandaivelu, R; Nellaiappan, SNTS; Lakshmipathy, M; Sagadevan, S; Johan, MR	Facile fabrication of phase transformed cerium (IV) doped hydroxyapatite for biomedical applications - A health care approach	CERAMICS INTERNATIONAL	1-Feb	2020	46	2	2510	2522	10.1016/j.ceramint.2019.09.245
9	Singh, G; Vasudev, H; Bansal, A; Vardhan, S; Sharma, S	Microwave cladding of Inconel-625 on mild steel substrate for corrosion protection	MATERIALS RESEARCH EXPRESS	FEB	2020	7	2			10.1088/2053-1591/ab6fa3
10	Ramakrishna, J; Karunakaran, L; Paneer, SVK; Chennamkulam, AM; Subramanian, V; Dutta, S; Venkatakishnan, P	Conveniently Synthesized Butterfly-Shaped Bitriphenylenes and their Application in Solution-Processed Organic Field-Effect Transistor Devices	EUROPEAN JOURNAL OF ORGANIC CHEMISTRY	14-Feb	2020	2020	6	662	673	10.1002/ejoc.201901470

11	Kathirvelan, D; Mayakrishnan, S; Maheswari, NU; Biswas, C; Raavi, SSK; Panda, TK	A simple D-pi-A system of phenanthroimidazole-pi-fluorenone for highly efficient non-doped bipolar AIE luminogens: synthesis, and molecular optical, thermal and electrochemical properties	NEW JOURNAL OF CHEMISTRY	7-Feb	2020	44	5	1785	1794	10.1039/c9nj05226g
12	Kailasa, S; Rani, BG; Reddy, MSB; Jayarambabu, N; Munindra, P; Sharma, S; Rao, KV	NiO nanoparticles - decorated conductive polyaniline nanosheets for amperometric glucose biosensor	MATERIALS CHEMISTRY AND PHYSICS	15-Feb	2020	242				10.1016/j.matchemphys.2019.122524
13	Srivastava, R; Alam, MS	Influence of micelles on protein's denaturation	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	15-Feb	2020	145		252	261	10.1016/j.ijbiomac.2019.12.154
14	Selvi, AT; Brindha, V; Vedaraman, N; Kanagaraj, J; Sundar, VJ; Khambhaty, Y; Saravanan, P	Eco-friendly curing of hides/ skins using phyto based Citrus limon leaves paste	JOURNAL OF CLEANER PRODUCTION	20-Feb	2020	247				10.1016/j.jclepro.2019.119117

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