

CSIR-CLRI Publications for the period MARCH 2023 (Indexed in SCI-Expanded)

MARCH 2023

SL. NO.	AUTHORS	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DOI*
1.	Kanagaraj, J; Panda, RC; Prasanna, R; Tamilselvi, A	An efficient dehairing system supported by oxidative-enzymatic auxiliary towards sustainability	<i>Environmental Science and Pollution Research</i>	30	15	43817	43832	2023	10.1007/s11356-023-25380-3
2.	Kumari, P; Vijayan, V; Sreekumar, S; Lakra, R; Sivagnanam, UT; Kiran, MS	Biological and physicochemical characterization of flax seed mucilage collagen bio-composite for potential use as tissue regenerative scaffold	<i>Materials Today Communications</i>	34				2023	10.1016/j.mtcomm.2023.105426
3.	Morajkar, R; Fatrekar, AP; Vernekar, A	A Single-Atom Nanozyme Cascade for Selective Tumor-Microenvironment-Responsive Nanocatalytic Therapy	<i>Chemmedchem</i>	18	6			2023	10.1002/cmdc.202200585
4.	Gajula, P; Muhammad, FM; Reza, MS; Jaisankar, SN; Kim, KJ; Kim, H	Fabrication of a Silicon Elastomer-Based Self-Powered Flexible Triboelectric Sensor for Wearable Energy Harvesting and Biomedical Applications	<i>ACS Applied Electronic Materials</i>	5	3	1750	1760	2023	10.1021/acsaelm.2c01773
5.	Mary, SA; Ariram, N; Gopinath, A; Chinnaiyan, SK; Raja, IS; Sahu, B; Dev, VRG; Han, DW; Madhan, B	Investigation on Centrifugally Spun Fibrous PCL/3-Methyl Mannoside Mats for Wound Healing Application	<i>Polymers</i>	15	5			2023	10.3390/polym15051293
6.	Sharma, S; Sudhakara, P; Singh,	Fabrication of Novel Polymer Composites from Leather Waste Fibers and Recycled	<i>Sustainability</i>	15	5			2023	10.3390/su15054333

	J; Sanjay, MR; Siengchin, S	Poly(Ethylene-Vinyl-Acetate) for Value-Added Products							
7.	Reddy, RR; Saha, D; Pan, A; Aswal, VK; Mati, SS; Moulik, SP; Kumar, BVNP	pH-Induced Biophysical Perspectives of Binding of Surface-Active Ionic Liquid [BMIM][OSU] with HSA and Dynamics of the Formed Complex	<i>Langmuir</i>	39	10	3729	3741	2023	10.1021/acs.langmuir.2c03472
8.	Khambhaty, Y; Bondada, S	Pharmacological evaluation and kinetics of <i>in vitro</i> drug release efficacy of biofabricated silver nanoparticles using medicinally important <i>Justicia neesii</i> Ramamoorthy	<i>Indian Journal of Experimental Biology</i>	61	3	185	195	2023	10.56042/ijeb.v61i03.71568
9.	Inbasekar, C; Fathima, NN	Insights into the Development of Imine-Bond-Stabilized Organic Tanning and a Heteropolymer for the Post-Tanning Process-A Metal-Free Sustainable Leather Process	<i>ACS Sustainable Chemistry & Engineering</i>	11	11	4450	4462	2023	10.1021/acssuschemeng.2c07529
10.	Ruban, P; Reddy, SJLJ; Manickam, R; Rathinam, R; Ali, MS; Rajkumar, S; Sharma, S; Sudhakara, P; Eldin, EMT	Green synthesis, characterizations, and antibacterial activity of silver nanoparticles from <i>Themeda quadrivalvis</i> , in conjugation with macrolide antibiotics against respiratory pathogens	<i>Reviews on Advanced Materials Science</i>	62	1			2023	10.1515/rams-2022-0301

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