

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

OCTOBER 2023

SL. NO.	AUTHORS	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DOI*
1.	Chatterjee, S; Das, A; Paul, D; Chakraborty, S; Choudhury, P	Utilization of fleshing waste of leather processing for the growth of zygomycetes: A new substrate for economical production of bio-polymer chitosan	<i>Journal of Environmental Management</i>	343				2023	10.1016/j.jenvman.2023.118141
2.	Ramesh, RR; Murali, S; Abu Javid, M; Jonnalagadda, RR	Robust synthesis of water stable ciprofloxacin functionalized hybrid metal-organic antimicrobial pigments for coating applications	<i>Dyes and Pigments</i>	218				2023	10.1016/j.dye.2023.111499
3.	Inbasekar, C; Rao, RR; Janeena, A; Fathima, NN	Insight into the synthesis of biocompatible polymer for collagen stabilization and leather process	<i>Reactive & Functional Polymers</i>	191				2023	10.1016/j.reactfunctpolym.2023.105655
4.	Km, S; Ravishankar, K; Raghavachari, D	Facile chemical modification of poly(vinyl alcohol) to an organosoluble, flame-retardant copolymer using dichloroacetic acid	<i>Journal of Applied Polymer Science</i>	140	37			2023	10.1002/app.54393
5.	Lathika, AS; Sivapirakasam, SP; Mohan, S; Surianarayanan, M	Thermokinetic and Ballistic Property Studies of Azide-Based Airbag Gas Generants with Dual Oxidizers (Sr(NO ₃) ₂ and KNO ₃)	<i>Energy Technology</i>	11	10			2023	10.1002/ente.202300023

6.	Ramalingam, S; Javid, MA; Ramesh, RR; Rathinam, A	Amalgamated silica-glutaraldehyde based cost effective leather tanning agent and its sustainable benefits: A metal free collagen stabilisation	<i>Materials Chemistry and Physics</i>	308				2023	10.1016/j.matchemphys.2023.128256
7.	Azar, KAHM; Ezhilarasan, D; Harini, KS; Karthick, M; Uthirappan, M	<i>Coleus vettiveroides</i> ethanolic root extract protects against thioacetamide-induced acute liver injury in rats	<i>Cell Biochemistry and Function</i>	41	7	876	888	2023	10.1002/cbf.3839
8.	Jawahar, M; Anbarasi, LJ; Anand, SM; Ravi, V	Intelligent leather defect classification using Fourier angular radial partitioning algorithm with ensemble classifier	<i>Multimedia Tools and Applications</i>					2023	10.1007/s11042-023-16224-w
9.	Sun, JA; Li, CH; Zhou, ZM; Liu, B; Zhang, YB; Yang, M; Gao, T; Liu, MZ; Cui, X; Li, BK; Li, RZ; Dambatta, YS; Sharma, S	Material Removal Mechanism and Force Modeling in Ultrasonic Vibration-Assisted Micro-Grinding Biological Bone	<i>Chinese Journal of Mechanical Engineering</i>	36	1			2023	10.1186/s10033-023-00957-8
10.	Panda, A; Thirunavukarasu, N; Panda, RC	Predictive control scheme by integrating event-triggered mechanism and disturbance observer under actuator failure and sensor fault	<i>Proceedings of the Institution of Mechanical Engineers Part I-Journal of Systems and Control Engineering</i>					2023	10.1177/09596518231204725

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