

CSIR-CLRI Publications for the period of May 2025 (Indexed in SCI-Expanded)

MAY 2025

SL. No.	AUTHOR	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DOI*
1.	Panbhukarasu, S; Vijayalekha, A; Natarajan, K; Anandasadagopan, SK; Pandurangan, AK	Integrated network pharmacology and bio-functional chitosan-hydroxyapatite scaffolds incorporating quercetin for enhanced bone regeneration in articular cartilage defects	<i>Journal of Bioactive and Compatible Polymers</i>	40	3	248	266	2025	10.1177/08839115251318682
2.	Venugopal, S; Khambhaty, Y	Greener route towards preparation of plant-based antifungal fatliquor for eco-conscious application during leather making	<i>Journal of Coatings Technology and Research</i>	22	3	1099	1112	2025	10.1007/s11998-024-01036-w
3.	Gunasekaran, D; Jeyakumar, GFS; Manimegalai, NP; Sivagnanam, UT	Thiol-functionalized collagen patch channelizes TGFβ1-JNK trafficking and reverses corneal stroma opacity	<i>International Journal of Biological Macromolecules</i>	306				2025	10.1016/j.ijbiomac.2025.141327
4.	Choudhary, P; Shaw, A; Ramalingam, B; Das, SK	Nanoengineered and highly porous 3D chitosan-graphene scaffold for enhanced antibacterial activity and rapid hemostasis	<i>International Journal of Biological Macromolecules</i>	306				2025	10.1016/j.ijbiomac.2025.141521

5.	Maharaja, P; Murugan, KP; Karthiyayini, C; Kameswari, KSB; Sudha, D; Sabarishwaran, G; Sekaran, G	Evaluation of fenton-like oxidation coupled with struvite precipitation for the enhanced treatment of Cu-contaminated ammoniacal nitrogen-rich wastewater	<i>Journal of Environmental Management</i>	381				2025	10.1016/j.jenvman.2025.125204
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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.