

CSIR-CLRI Publications for the period NOVEMBER 2024 (Indexed in SCI-Expanded)

NOVEMBER 2024

Sl. No.	AUTHORS	TITLE	SOURCE	VL*	IS*	BP*	EP*	PY*	DOI*
1.	Srinidhi, VG; Mangalsana, H; Vernekar, A	Breaking Barriers in Photothermal Tumor Therapy: A Cascade of Strain-Engineered Nanozyme in Action	<i>Chemmedchem</i>	19	22			2024	10.1002/cmdc.202400443
2.	Sibi, H; Biju, J; Chowdhury, C	Advancing 2D material predictions: superior work function estimation with atomistic line graph neural networks	<i>RSC Advances</i>	14	51	38070	38078	2024	10.1039/d4ra07703b
3.	Kanniyappan, H; Sundaram, MK; Ravikumar, A; Chakraborty, S; Gnanamani, A; Mani, U; Kumar, N; Muthuvijayan, V	Enhancing bone repair through improved angiogenesis and osteogenesis using mesoporous silica nanoparticle-loaded Konjac glucomannan-based interpenetrating network scaffolds	<i>International Journal of Biological Macromolecules</i>	279				2024	10.1016/j.ijbiomac.2024.135182
4.	Shilpa, KK; Padmanaban, R; Sathishkumar, M; Sarkar, J	Preparation of waste-incorporated bio-smart shape-stable phase change material (FSSPCM) with responsive fluorescent properties	<i>New Journal of Chemistry</i>	48	44			2024	10.1039/d4nj03178d

5.	Geferson, OOJ; Desire, BBP; Serge, EJ; Odogu, AN; Nsami, NJ; Antoine, E	Sustainable and cleaner production of a porous geopolymer support based on metakaolin and natural calcium oxide	<i>Journal of Building Engineering</i>	96				2024	10.1016/j.jobbe.2024.110638
6.	Anbarasi, LJ; Jawahar, M; Jayakumari, RB; Narendra, M; Ravi, V; Neeraja, R	An overview of current developments and methods for identifying diabetic foot ulcers: A survey	<i>Wiley Interdisciplinary Reviews-Data Mining and Knowledge Discovery</i>	14	6			2024	10.1002/widm.1562
7.	Arumugam, GS; Arumugam, C; Damodharan, K; Kumar, RS; Gummadi, SN; Muthusamy, S	Thermal and mechanical properties of high-performance polyester nanobiocomposites reinforced with pre-treated sunn hemp fiber for automotive applications	<i>International Journal of Biological Macromolecules</i>	280				2024	10.1016/j.ijbiomac.2024.135591
8.	Roy, BC; Ramlal, VR; Basak, D; Basak, S; Roy, S; Ghosh, S; Mahapatra, TS	Light-Emitting Coordination Polymers: Stimuli-Responsive Gels, PMMA-Based Composite Films, and UV-Shielding	<i>Inorganic Chemistry</i>	63	48	23044	23056	2024	10.1021/acs.inorgchem.4c04333
9.	Vembuli, T; Thiripuranthagan, S; Kumaravel, S	Enhanced removal of hazardous organic contaminants with advanced visible light-active F-doped TiO ₂ /rGO/PVDF photocatalytic membranes	<i>Journal of Alloys and Compounds</i>	1005				2024	10.1016/j.jallcom.2024.175997

10.	Bogadi, S; Malayandi, R; Raj, PV; Anandasadagopan, SK; Parvathaneni, M; Kundu, MK; Islam, MR; Khan, FS; Tagde, P; Mondal, TK; Alexiou, A; Papadakis, M; Karri, VVSR	Silk fibroin and sericin: Multifunctional formulations for treating diabetic wound healing	<i>European Polymer Journal</i>	220				2024	10.1016/j.eurpolymj.2024. 113465
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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