

Department of Civil Engineering

Publication in year 2023-24

Open Access Publications 2023-24

Sr. No.	Year	Title	Authors	Journal	Volume	Issue	Page no.	Index	Quartile	SJR IF
1	Jan 2024	A Conceptual Framework for BIM-Based Site Safety Practice	Hire S., Sandbhor S., Ruikar K.	Buildings	14	1	22	SCOPUS, WOS	Q1	0.61
2	Dec 2023	Synthesis and Characterization of Hybrid Polymer Composite: An Experimental Approach	Gulia V., Jatti S.V., Jatti V.S., Maheshwari S., Solke N.S.	E3S Web of Conferences	455	-	11	SCOPUS (Conference)	NA	0.18
3	Nov 2023	Assessment of recycled treated wastewater for sustainable tomato crop production: A comprehensive review	Kolekar S., Sankapal P., Khare K., Chinnasamy P.	Environmental Challenges	13	-	6	SCOPUS	Q2	0.75
4	Aug 2023	Water security: a Geospatial Framework for urban water resilience	Tholiya J.J., Chaudhary N.	Water Supply	23	8	3013-3029	SCOPUS	Q3	0.4
5	July 2023	Drought Prediction: A Comprehensive Review of Different Drought Prediction Models and Adopted Technologies	Nandgude N., Singh T.P., Nandgude S., Tiwari M.	Sustainability (Switzerland)	15	15	19	SCOPUS, WOS (SCIE, SSCI)	Q1	0.66
6	Oct 2023	Accident severity prediction modeling for road safety using random forest algorithm: an analysis of Indian highways	Khanum H., Garg A., Faheem M.I.	F1000Research	12	-	-	SCOPUS	Q1	0.87
7	Dec 2023	AI-based carbon emission forecast and mitigation framework using recycled concrete aggregates: A sustainable approach for the construction industry	Sandbhor S., Apte S., Dabir V., Kotecha K., Balasubramanian R., Choudhury T.	AIMS Environmental Science	10	6	594-610	SCOPUS, WOS	Q2	0.39

Subscription Publications in AY 2023-24

Sr. No.	Year	Title	Authors	Journal	Volume	Issue	Page no.	Index	Quartile	SJR IF
8	Dec 2023	Pharmaceutical Wastewater Remediation: A Review of Treatment Techniques	Date M., Jaspal D.	Industrial and Engineering Chemistry Research	62	48	20492-20505	Scopus	Q1	0.82
9	Sep 2023	Eco-Friendly High Strength Concrete Using Waste Foundry Sand and Microwave Incinerated Rice Husk Ash	Kshirsagar M., Sandbhor S., Dabir V., Kaushik A.	AIP Conference Proceedings	2839	1	-	Conference Paper	NA	0.16
10	Sep 2023	Synthesis and characterization of ZnO nanoparticles for modifying thermal and mechanical properties of industrial substrates	Desai A.S., Ashok A., Dabir V.V., Pathan H.M., Pandey B., Bhagat N.	Journal of Materials Science: Materials in Electronics	34	27	-	Scopus, WOS	Q2	0.5
11	Aug 2023	Innovation trends in wastewater treatment with a focus on patented technologies related to activated carbon	Tiwari A.K., Verma R.L., Apte S., Choudhary S., Shinde S.	Activated Charcoal for Environmental Sustainability	-	-	61-92	Book Chapter	NA	NA
12	Aug 2023	Impact of microplastic pollution in terrestrial ecosystem on index and engineering properties of sandy soil: An experimental investigation	Dike S., Apte S.	Science of the Total Environment	887	-	-	Scopus, WOS	Q1	1.95
13	Nov 2023	Electro-Chlorination Technology for Disinfection of Drinking Water: A Patent Landscape	Shinde S.R., Apte S., Tiwari A.K.	Recent Patents on Engineering	17	4	26-45	Scopus	Q4	0.16
14	Oct 2023	Predicting Credit Risk in European P2P Lending: A Case Study of "Bondora" Using Supervised Machine Learning Techniques	Mondal S., Shah S.K., Kumbhar V.	2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023	-	-	-	Scopus (Conference Paper)	NA	NA
15	Oct. 2023	Use Of RPA For Email Automation with Salesforce Integration	Bhosale S., Dhumal R., Patkar V., Singh T.P.	5th IEEE International Conference on Cybernetics, Cognition and Machine Learning Applications,	-	-	140-144	Scopus (Conference Paper)	NA	NA

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				ICCCMLA 2023						
16	July 2023	Spatio-Temporal Change Detection Model For Deforestation Analysis Using Advanced Deep Learning Approaches	More N., Nikam V.B., Banerjee B., Singh T.P., Bambole A.	International Geoscience and Remote Sensing Symposium (IGARSS)	-	-	6760- 6762	Conference Paper	NA	NA
17	Sep 2023	Geo-environmental and human health impacts of spent lithium-ion battery waste and its recycling: a critical review	Mishra P., Apte S.	International Journal of Environment and Waste Management	32	3	286- 300	Scopus, WOS	Q4	0.2
18	Nov 2023	Technology Landscape for BIM in Construction Site Safety Management	Shalaka Hire, Sayali Sandbhor, Kirti Ruikar	Proceedings of SECON'23	381	-	931- 943	Conference Paper	NA	NA

Summary

Sr. no.	Quartile	Total count of papers (11)	Conference	Book chapter
1	Q1	5	6	1
2	Q2	3		
3	Q3	1		
4	Q4	2		