

Sanat Nalini Sahoo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

146
citations

1477746

6
h-index

1199166

12
g-index

20
all docs

20
docs citations

20
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy AHP modelling of urbanization and environmental stress to rank selected Indian cities for liveability. <i>Environment, Development and Sustainability</i> , 2023, 25, 6727-6750.	2.7	1
2	Deep learning models comparable assessment and uncertainty analysis for diurnal temperature range (DTR) predictions over Indian urban cities. <i>Results in Engineering</i> , 2022, 13, 100326.	2.2	7
3	Grey Relational Modelling of Land Surface Temperature (LST) for Ranking Indian Urban Cities. <i>Environmental Processes</i> , 2022, 9, .	1.7	1
4	Use of meteorological data for identification of drought. <i>ISH Journal of Hydraulic Engineering</i> , 2021, 27, 427-433.	1.1	4
5	Identification of groundwater recharge sites in Latur district of Maharashtra in India based on remote sensing, GIS and multi-criteria decision tools. <i>Water and Environment Journal</i> , 2021, 35, 544-559.	1.0	6
6	Quantifying the dynamics of urban growth modes in Bengaluru, India. <i>Proceedings of the Institution of Civil Engineers: Urban Design and Planning</i> , 2021, 174, 1-14.	0.6	2
7	A Methodological Framework for Identification of Baseline Scenario and Assessing the Impact of DEM Scenarios on SWAT Model Outputs. <i>Water Resources Management</i> , 2020, 34, 4795-4814.	1.9	8
8	Evaluation of loss models and effect of LU/LC changes on surface runoff in Subarnarekha river basin. <i>ISH Journal of Hydraulic Engineering</i> , 2019, , 1-14.	1.1	3
9	Detention Ponds for Managing Flood Risk due to Increased Imperviousness: Case Study in an Urbanizing Catchment of India. <i>Natural Hazards Review</i> , 2018, 19, .	0.8	17
10	Impact of urbanization on effective impervious area of Ahmedabad city in India. <i>ISH Journal of Hydraulic Engineering</i> , 2018, , 1-8.	1.1	3
11	Development of Flood Inundation Maps and Quantification of Flood Risk in an Urban Catchment of Brahmaputra River. <i>ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering</i> , 2017, 3, .	1.1	52
12	Sensitivity of imperviousness determination methodology on runoff prediction. <i>ISH Journal of Hydraulic Engineering</i> , 2017, 23, 276-282.	1.1	3
13	Determination of Effective Impervious Area for an Urban Indian Catchment. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	0.8	10
14	Relationship between peak rainfall intensity (PRI) and maximum flood depth (MFD) in an urban catchment of Northeast India. <i>Natural Hazards</i> , 2016, 83, 1527.	1.6	5
15	A methodology for determining runoff based on imperviousness in an ungauged peri-urban catchment. <i>Urban Water Journal</i> , 2014, 11, 42-54.	1.0	15
16	Determination of urbanisation based on imperviousness. <i>Proceedings of the Institution of Civil Engineers: Urban Design and Planning</i> , 2014, 167, 49-57.	0.6	4
17	Role of rainfall events and imperviousness parameters on urban runoff modelling. <i>ISH Journal of Hydraulic Engineering</i> , 2013, 19, 329-334.	1.1	2
18	A review of decision support system applications in flood management. <i>International Journal of Hydrology Science and Technology</i> , 2013, 3, 206.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Indirect Determination of Effective Impervious Area (EIA) of an Urban City of North East India. , 2011, , .		2