

Mahesh Kumar Jat

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

602
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

707
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity analysis and retrieval of optimum SLEUTH model parameters. Geocarto International, 2022, 37, 7431-7444.	3.5	5
2	Prediction of land use land cover changes of a river basin using the CA-Markov model. Geocarto International, 2022, 37, 14127-14147.	3.5	15
3	SLEUTH model sensitivity testing: game of life, cellular neighborhood, and diffusivity. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	1
4	Analysing performance of SLEUTH model calibration using brute force and genetic algorithmâ€‘based methods. Geocarto International, 2020, 35, 256-279.	3.5	13
5	Land suitability and urban growth modeling: Development of SLEUTH-Suitability. Computers, Environment and Urban Systems, 2020, 81, 101475.	7.1	40
6	Capturing heterogeneous urban growth using SLEUTH model. Remote Sensing Applications: Society and Environment, 2019, 13, 426-434.	1.5	18
7	Implications of meteorological and physiographical parameters on dengue fever occurrences in Delhi. Science of the Total Environment, 2019, 650, 2267-2283.	8.0	21
8	Assessment of Vulnerability of Rock Slope Considering Material and Seismic Variability. Journal of the Geological Society of India, 2018, 92, 449-456.	1.1	3
9	Application of geo-spatial techniques and cellular automata for modelling urban growth of a heterogeneous urban fringe. Egyptian Journal of Remote Sensing and Space Science, 2017, 20, 223-241.	2.0	39
10	Integration of geo-spatial technologies and CA for urban growth assessment and prediction. , 2017, , .		0
11	Evaluation of root water uptake models â€‘ a review. ISH Journal of Hydraulic Engineering, 2015, 21, 115-124.	2.1	30
12	Efficacy of Nonlinear Root Water Uptake Model for a Multilayer Crop Root Zone. Journal of Irrigation and Drainage Engineering - ASCE, 2013, 139, 898-910.	1.0	16
13	Monitoring and modelling of urban sprawl using remote sensing and GIS techniques. International Journal of Applied Earth Observation and Geoinformation, 2008, 10, 26-43.	2.8	401