Mahesh Kumar Jat

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11427543/publications.pdf

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13	602	1040056 9	1199594 12
papers	citations	h-index	g-index

13	13	13	707
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Land suitability and urban growth modeling: Development of SLEUTH-Suitability. Computers, Environment and Urban Systems, 2020, 81, 101475.	7.1	40
3	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
4	Evaluation of root water uptake models â€“ a review. ISH Journal of Hydraulic Engineering, 2015, 21, 115-124.	2.1	30
5	Implications of meteorological and physiographical parameters on dengue fever occurrences in Delhi. Science of the Total Environment, 2019, 650, 2267-2283.	8.0	21
6	Capturing heterogeneous urban growth using SLEUTH model. Remote Sensing Applications: Society and Environment, 2019, 13, 426-434.	1.5	18
7	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
8	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
9	Analysing performance of SLEUTH model calibration using brute force and genetic algorithmâ€“based methods. Geocarto International, 2020, 35, 256-279.	3.5	13
10	Sensitivity analysis and retrieval of optimum SLEUTH model parameters. Geocarto International, 2022, 37, 7431-7444.	3.5	5
11	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
12	SLEUTH model sensitivity testing: game of life, cellular neighborhood, and diffusivity. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	1
13	Integration of geo-spatial technologies and CA for urban growth assessment and prediction. , 2017, , .		0