

Hossein Shafizadeh-Moghadam

List of Publications by Year in descending order

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26
papers

1,233
citations

394421

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552781

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all docs

26
docs citations

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times ranked

1101
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple-depth modeling of soil organic carbon using visible–near infrared spectroscopy. <i>Geocarto International</i> , 2022, 37, 1393-1407.	3.5	2
2	Flash-flood susceptibility mapping based on XGBoost, random forest and boosted regression trees. <i>Geocarto International</i> , 2022, 37, 5479-5496.	3.5	100
3	On the spatiotemporal generalization of machine learning and ensemble models for simulating built-up land expansion. <i>Transactions in GIS</i> , 2022, 26, 1080-1097.	2.3	5
4	An efficient built-up land expansion model using a modified U-Net. <i>International Journal of Digital Earth</i> , 2022, 15, 148-163.	3.9	9
5	Synergetic use of multi-temporal Sentinel-1, Sentinel-2, NDVI, and topographic factors for estimating soil organic carbon. <i>Catena</i> , 2022, 212, 106077.	5.0	28
6	Influence of drought duration and severity on drought recovery period for different land cover types: evaluation using MODIS-based indices. <i>Ecological Indicators</i> , 2022, 141, 109146.	6.3	16
7	Integrating a Forward Feature Selection algorithm, Random Forest, and Cellular Automata to extrapolate urban growth in the Tehran-Karaj Region of Iran. <i>Computers, Environment and Urban Systems</i> , 2021, 87, 101595.	7.1	38
8	Google Earth Engine for large-scale land use and land cover mapping: an object-based classification approach using spectral, textural and topographical factors. <i>GIScience and Remote Sensing</i> , 2021, 58, 914-928.	5.9	57
9	Evaluation of ECMWF mid-range ensemble forecasts of precipitation for the Karun River basin. <i>Theoretical and Applied Climatology</i> , 2020, 141, 61-70.	2.8	6
10	Modeling the spatial variation of urban land surface temperature in relation to environmental and anthropogenic factors: a case study of Tehran, Iran. <i>GIScience and Remote Sensing</i> , 2020, 57, 483-496.	5.9	40
11	Big data in Geohazard; pattern mining and large scale analysis of landslides in Iran. <i>Earth Science Informatics</i> , 2019, 12, 1-17.	3.2	41
12	Exploring the driving forces and digital mapping of soil organic carbon using remote sensing and soil texture. <i>Catena</i> , 2019, 182, 104141.	5.0	59
13	Improving spatial accuracy of urban growth simulation models using ensemble forecasting approaches. <i>Computers, Environment and Urban Systems</i> , 2019, 76, 91-100.	7.1	33
14	GlobeLand30 maps show four times larger gross than net land change from 2000 to 2010 in Asia. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 78, 240-248.	2.8	31
15	Modelling climate change effects on Zagros forests in Iran using individual and ensemble forecasting approaches. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1015-1025.	2.8	21
16	Novel forecasting approaches using combination of machine learning and statistical models for flood susceptibility mapping. <i>Journal of Environmental Management</i> , 2018, 217, 1-11.	7.8	231
17	Analyzing long-term spatio-temporal patterns of land surface temperature in response to rapid urbanization in the mega-city of Tehran. <i>Land Use Policy</i> , 2018, 71, 459-469.	5.6	62
18	Spatiotemporal nexus between the pattern of land degradation and land cover dynamics in Iran. <i>Land Degradation and Development</i> , 2018, 29, 2854-2863.	3.9	26

#	ARTICLE	IF	CITATIONS
19	A neural network and landscape metrics to propose a flexible urban growth boundary: A case study. <i>Ecological Indicators</i> , 2018, 93, 952-965.	6.3	77
20	Coupling machine learning, tree-based and statistical models with cellular automata to simulate urban growth. <i>Computers, Environment and Urban Systems</i> , 2017, 64, 297-308.	7.1	102
21	Integration of genetic algorithm and multiple kernel support vector regression for modeling urban growth. <i>Computers, Environment and Urban Systems</i> , 2017, 65, 28-40.	7.1	51
22	Transition index maps for urban growth simulation: application of artificial neural networks, weight of evidence and fuzzy multi-criteria evaluation. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 300.	2.7	31
23	Sensitivity analysis and accuracy assessment of the land transformation model using cellular automata. <i>GIScience and Remote Sensing</i> , 2017, 54, 639-656.	5.9	48
24	A probabilistic space-time prism to explore changes in white Stork habitat use in Iran. <i>Ecological Indicators</i> , 2017, 78, 156-166.	6.3	1
25	Performance analysis of radial basis function networks and multi-layer perceptron networks in modeling urban change: a case study. <i>International Journal of Geographical Information Science</i> , 2015, 29, 606-623.	4.8	28
26	Spatiotemporal variability of urban growth factors: A global and local perspective on the megacity of Mumbai. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 35, 187-198.	2.8	90