

# Abdolrassoul Salmanmahiny

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

818  
citations

516215

16  
h-index

552369

26  
g-index

46  
all docs

46  
docs citations

46  
times ranked

745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Localizing sustainable urban development (SUD): Application of an FDM-AHP approach for prioritizing urban sustainability indicators in Iran provinces. <i>Sustainable Cities and Society</i> , 2022, 77, 103592.	5.1	15
2	A soft systems methodology and interpretive structural modeling framework for Green infrastructure development to control runoff in Tehran metropolis. <i>Natural Resource Modelling</i> , 2022, 35, .	0.8	5
3	Image texture indices and trend analysis for forest disturbance assessment under wood harvest regimes. <i>Journal of Forestry Research</i> , 2021, 32, 579-587.	1.7	4
4	The fate of rangelands: Revealing past and predicting future land cover transitions from 1985 to 2036 in the drylands of Central Iran. <i>Land Degradation and Development</i> , 2021, 32, 4004-4017.	1.8	3
5	Non-path dependent urban growth potential mapping using a data-driven evidential belief function. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 555-573.	1.0	2
6	Analysis and prediction of land cover changes using the land change modeler (<sc>LCM</sc>) in a semiarid river basin, Iran. <i>Land Degradation and Development</i> , 2021, 32, 3092-3105.	1.8	25
7	A Spatial Integrated SLR Adaptive Management Plan Framework (SISAMP) toward Sustainable Coasts. <i>Water (Switzerland)</i> , 2021, 13, 2263.	1.2	6
8	A methodological framework for the hydrological model selection process in water resource management projects. <i>Natural Resource Modelling</i> , 2021, 34, e12326.	0.8	7
9	Hydrological connectivity assessment of landscape ecological network to mitigate development impacts. <i>Journal of Environmental Management</i> , 2021, 296, 113169.	3.8	31
10	Developing a method for calculating conservation targets in systematic conservation planning at the national level. <i>Journal for Nature Conservation</i> , 2021, 64, 126091.	0.8	2
11	Can empirically based model results be fed into mathematical models? MCE for neural network and logistic regression in tourism landscape planning. <i>Environment, Development and Sustainability</i> , 2020, 22, 3701-3722.	2.7	13
12	The risk assessment of water pollution in the Gorgan Bay catchment using the WRASTIC index. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 14, 100393.	1.7	2
13	Decision scenarios using ecosystem services for land allocation optimization across Gharehsoo watershed in northern Iran. <i>Ecological Indicators</i> , 2020, 117, 106645.	2.6	21
14	A new ecosystem-based land classification of Iran for conservation goals. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 182.	1.3	16
15	An Integrative Modelling Approach to Analyse Landscape Dynamics Through Intensity Analysis and Cellular Automata-Markov Chain Model. <i>European Spatial Research and Policy</i> , 2020, 27, 243-261.	0.5	0
16	Integration of anthropogenic threats and biodiversity value to identify critical sites for biodiversity conservation. <i>Geocarto International</i> , 2019, 34, 1202-1217.	1.7	3
17	Assessing the visual impacts of new urban features: coupling visibility analysis with 3D city modelling. <i>Geocarto International</i> , 2019, 34, 1315-1331.	1.7	14
18	A multi-criteria evaluation method for sturgeon farming site selection in the southern coasts of the Caspian Sea. <i>Aquaculture</i> , 2019, 513, 734416.	1.7	14

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19	A modeling approach to path dependent and non-path dependent urban allocation in a rapidly growing region. <i>Sustainable Cities and Society</i> , 2019, 44, 378-394.	5.1	15
20	Simulating long-term effect of Hyrcanian forest loss on phosphorus loading at the sub-watershed level. <i>Journal of Arid Land</i> , 2018, 10, 457-469.	0.9	7
21	Exploring structural and functional corridors for wild sheep ( <i>Ovis orientalis</i> ) in a semi-arid area. <i>Journal of Arid Environments</i> , 2018, 156, 27-33.	1.2	7
22	Designing an integrated urban growth prediction model: a scenario-based approach for preserving scenic landscapes. <i>Geocarto International</i> , 2018, 33, 1381-1397.	1.7	9
23	Evaluation of the relationship between soil erosion and landscape metrics across Gorgan Watershed in northern Iran. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 643.	1.3	26
24	Dynamic trade-off analysis of multiple ecosystem services under land use change scenarios: Towards putting ecosystem services into planning in Iran. <i>Ecological Complexity</i> , 2018, 36, 250-260.	1.4	73
25	Land use change modeling through scenario-based cellular automata Markov: improving spatial forecasting. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 332.	1.3	16
26	Investigation of likely effects of land use planning on reduction of soil erosion rate in river basins: Case study of the Charesoo River Basin. <i>Catena</i> , 2018, 167, 116-129.	2.2	38
27	Measuring the relationships between landscape aesthetics suitability and spatial patterns of urbanized lands: an informed modelling framework for developing urban growth scenarios. <i>Geocarto International</i> , 2017, 32, 853-873.	1.7	23
28	Tailoring a non-path-dependent model for environmental risk management and polycentric urban land-use planning. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 91.	1.3	6
29	Hyrcanian forests conservation based on ecosystem services approach. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	19
30	Degradation of natural habitats by roads: Comparing land-take and noise effect zone. <i>Environmental Impact Assessment Review</i> , 2017, 65, 147-155.	4.4	30
31	Performance evaluation of multiple methods for landscape aesthetic suitability mapping: A comparative study between Multi-Criteria Evaluation, Logistic Regression and Multi-Layer Perceptron neural network. <i>Land Use Policy</i> , 2017, 67, 1-12.	2.5	43
32	Environmental monitoring and assessment of landscape dynamics in southern coast of the Caspian Sea through intensity analysis and imprecise land-use data. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 163.	1.3	11
33	Surface drainage nitrate loading estimate from agriculture fields and its relationship with landscape metrics in Tajan watershed. <i>Paddy and Water Environment</i> , 2017, 15, 541-552.	1.0	19
34	Incorporating zoning and socioeconomic costs in planning for bird conservation. <i>Journal for Nature Conservation</i> , 2017, 40, 77-84.	0.8	8
35	Modeling of forest soil and litter health using disturbance and landscape heterogeneity indicators in northern Iran. <i>Journal of Mountain Science</i> , 2017, 14, 1801-1813.	0.8	2
36	Subjectivity versus Objectivity: Comparative Study between Brute Force Method and Genetic Algorithm for Calibrating the SLEUTH Urban Growth Model. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2016, 142, .	0.8	32

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37	Performance assessment of geospatial simulation models of land-use change—a landscape metric-based approach. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 169.	1.3	18
38	An integrated spectral-textural approach for environmental change monitoring and assessment: analyzing the dynamics of green covers in a highly developing region. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 205.	1.3	11
39	Rules versus layers: which side wins the battle of model calibration?. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 633.	1.3	6
40	Treating a cancerous landscape: Implications from medical sciences for urban and landscape planning in a developing region. <i>Habitat International</i> , 2016, 55, 180-191.	2.3	18
41	Predicting soil organic carbon density using auxiliary environmental variables in northern Iran. <i>Archives of Agronomy and Soil Science</i> , 2016, 62, 375-393.	1.3	41
42	Evaluating the strategy of decentralized urban land-use planning in a developing region. <i>Land Use Policy</i> , 2015, 48, 534-551.	2.5	83
43	Soil organic carbon stock as affected by land use/cover changes in the humid region of northern Iran. <i>Journal of Mountain Science</i> , 2014, 11, 507-518.	0.8	56
44	Use of optimization algorithms to prioritize protected areas in Mazandaran Province of Iran. <i>Journal for Nature Conservation</i> , 2014, 22, 462-470.	0.8	16
45	Urban Change Detection Using Multi-temporal Remotely Sensed Imagery (Case Study: Gorgan Area.) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	0.9	0
46	Accuracy and validity assessment of application algorithms in land use allocation into comparison LP, SA, MOLA, and MDCHOICE. <i>Geocarto International</i> , 0, , 1-19.	1.7	2