Abdolrassoul Salmanmahiny

List of Publications by Year
in descending order

46 papers	818 citations	516710 16 h-index	552781 26 g-index
46 all docs	46 docs citations	46 times ranked	745 citing authors

#	Article	IF	Citations
1	Evaluating the strategy of decentralized urban land-use planning in a developing region. Land Use Policy, 2015, 48, 534-551.	5.6	83
2	Dynamic trade-off analysis of multiple ecosystem services under land use change scenarios: Towards putting ecosystem services into planning in Iran. Ecological Complexity, 2018, 36, 250-260.	2.9	73
3	Soil organic carbon stock as affected by land use/cover changes in the humid region of northern Iran. Journal of Mountain Science, 2014, 11, 507-518.	2.0	56
4	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. Land Use Policy, 2017, 67, 1-12.	5.6	43
5	Predicting soil organic carbon density using auxiliary environmental variables in northern Iran. Archives of Agronomy and Soil Science, 2016, 62, 375-393.	2.6	41
6	Investigation of likely effects of land use planning on reduction of soil erosion rate in river basins: Case study of the Gharesoo River Basin. Catena, 2018, 167, 116-129.	5.0	38
7	Subjectivity versus Objectivity: Comparative Study between Brute Force Method and Genetic Algorithm for Calibrating the SLEUTH Urban Growth Model. Journal of the Urban Planning and Development Division, ASCE, 2016, 142, .	1.7	32
8	Hydrological connectivity assessment of landscape ecological network to mitigate development impacts. Journal of Environmental Management, 2021, 296, 113169.	7.8	31
9	Degradation of natural habitats by roads: Comparing land-take and noise effect zone. Environmental Impact Assessment Review, 2017, 65, 147-155.	9.2	30
10	Evaluation of the relationship between soil erosion and landscape metrics across Gorgan Watershed in northern Iran. Environmental Monitoring and Assessment, 2018, 190, 643.	2.7	26
11	Analysis and prediction of land cover changes using the land change modeler (<scp>LCM</scp>) in a semiarid river basin, Iran. Land Degradation and Development, 2021, 32, 3092-3105.	3.9	25
12	Measuring the relationships between landscape aesthetics suitability and spatial patterns of urbanized lands: an informed modelling framework for developing urban growth scenarios. Geocarto International, 2017, 32, 853-873.	3.5	23
13	Decision scenarios using ecosystem services for land allocation optimization across Gharehsoo watershed in northern Iran. Ecological Indicators, 2020, 117, 106645.	6.3	21
14	Hyrcanian forests conservation based on ecosystem services approach. Environmental Earth Sciences, 2017, 76, 1.	2.7	19
15	Surface drainage nitrate loading estimate from agriculture fields and its relationship with landscape metrics in Tajan watershed. Paddy and Water Environment, 2017, 15, 541-552.	1.8	19
16	Performance assessment of geospatial simulation models of land-use change—a landscape metric-based approach. Environmental Monitoring and Assessment, 2016, 188, 169.	2.7	18
17	Treating a cancerous landscape: Implications from medical sciences for urban and landscape planning in a developing region. Habitat International, 2016, 55, 180-191.	5.8	18
18	Use of optimization algorithms to prioritize protected areas in Mazandaran Province of Iran. Journal for Nature Conservation, 2014, 22, 462-470.	1.8	16

#	Article	IF	Citations
19	Land use change modeling through scenario-based cellular automata Markov: improving spatial forecasting. Environmental Monitoring and Assessment, 2018, 190, 332.	2.7	16
20	A new ecosystem-based land classification of Iran for conservation goals. Environmental Monitoring and Assessment, 2020, 192, 182.	2.7	16
21	A modeling approach to path dependent and non-path dependent urban allocation in a rapidly growing region. Sustainable Cities and Society, 2019, 44, 378-394.	10.4	15
22	Localizing sustainable urban development (SUD): Application of an FDM-AHP approach for prioritizing urban sustainability indicators in Iran provinces. Sustainable Cities and Society, 2022, 77, 103592.	10.4	15
23	Assessing the visual impacts of new urban features: coupling visibility analysis with 3D city modelling. Geocarto International, 2019, 34, 1315-1331.	3.5	14
24	A multi-criteria evaluation method for sturgeon farming site selection in the southern coasts of the Caspian Sea. Aquaculture, 2019, 513, 734416.	3.5	14
25	Can empirically based model results be fed into mathematical models? MCE for neural network and logistic regression in tourism landscape planning. Environment, Development and Sustainability, 2020, 22, 3701-3722.	5.0	13
26	An integrated spectral-textural approach for environmental change monitoring and assessment: analyzing the dynamics of green covers in a highly developing region. Environmental Monitoring and Assessment, 2016, 188, 205.	2.7	11
27	Environmental monitoring and assessment of landscape dynamics in southern coast of the Caspian Sea through intensity analysis and imprecise land-use data. Environmental Monitoring and Assessment, 2017, 189, 163.	2.7	11
28	Designing an integrated urban growth prediction model: a scenario-based approach for preserving scenic landscapes. Geocarto International, 2018, 33, 1381-1397.	3.5	9
29	Incorporating zoning and socioeconomic costs in planning for bird conservation. Journal for Nature Conservation, 2017, 40, 77-84.	1.8	8
30	Simulating long-term effect of Hyrcanian forest loss on phosphorus loading at the sub-watershed level. Journal of Arid Land, 2018, 10, 457-469.	2.3	7
31	Exploring structural and functional corridors for wild sheep (Ovis orientalis) in a semi-arid area. Journal of Arid Environments, 2018, 156, 27-33.	2.4	7
32	A methodological framework for the hydrological model selection process in water resource management projects. Natural Resource Modelling, 2021, 34, e12326.	2.0	7
33	Rules versus layers: which side wins the battle of model calibration?. Environmental Monitoring and Assessment, 2016, 188, 633.	2.7	6
34	Tailoring a non-path-dependent model for environmental risk management and polycentric urban land-use planning. Environmental Monitoring and Assessment, 2017, 189, 91.	2.7	6
35	A Spatial Integrated SLR Adaptive Management Plan Framework (SISAMP) toward Sustainable Coasts. Water (Switzerland), 2021, 13, 2263.	2.7	6
36	A soft systems methodology and interpretive structural modeling framework for Green infrastructure development to control runoff in Tehran metropolis. Natural Resource Modelling, 2022, 35, .	2.0	5

#	Article	IF	Citations
37	Image texture indices and trend analysis for forest disturbance assessment under wood harvest regimes. Journal of Forestry Research, 2021, 32, 579-587.	3.6	4
38	Integration of anthropogenic threats and biodiversity value to identify critical sites for biodiversity conservation. Geocarto International, 2019, 34, 1202-1217.	3.5	3
39	The fate of rangelands: Revealing past and predicting future landâ€cover transitions from 1985 to 2036 in the drylands of Central Iran. Land Degradation and Development, 2021, 32, 4004-4017.	3.9	3
40	Modeling of forest soil and litter health using disturbance and landscape heterogeneity indicators in northern Iran. Journal of Mountain Science, 2017, 14, 1801-1813.	2.0	2
41	The risk assessment of water pollution in the Gorgan Bay catchment using the WRASTIC index. Environmental Nanotechnology, Monitoring and Management, 2020, 14, 100393.	2.9	2
42	Non-path dependent urban growth potential mapping using a data-driven evidential belief function. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 555-573.	2.0	2
43	Developing a method for calculating conservation targets in systematic conservation planning at the national level. Journal for Nature Conservation, 2021, 64, 126091.	1.8	2
44	Accuracy and validity assessment of application algorithms in land use allocation into comparison LP, SA, MOLA, and MDCHOICE. Geocarto International, 0, , 1-19.	3.5	2
45	Urban Change Detection Using Multi-temporal Remotely Sensed Imagery (Case Study: Gorgan Area,) Tj ETQq1 1 0.784314 rgBT /Over	1.8	0
46	An Integrative Modelling Approach to Analyse Landscape Dynamics Through Intensity Analysis and Cellular Automata-Markov Chain Model. European Spatial Research and Policy, 2020, 27, 243-261.	0.4	0