

# Mohammad Reza Mansouri Daneshvar

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

918  
citations

471509  
17  
h-index

552781  
26  
g-index

59  
all docs

59  
docs citations

59  
times ranked

912  
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of climate change in Iran: facts and statistics. <i>Environmental Systems Research</i> , 2019, 8, .	3.7	150
2	Regionalization of Precipitation Regimes in Iran Using Principal Component Analysis and Hierarchical Clustering Analysis. <i>Environmental Processes</i> , 2014, 1, 517-532.	3.5	76
3	Landslide susceptibility zonation using analytical hierarchy process and GIS for the Bojnurd region, northeast of Iran. <i>Landslides</i> , 2014, 11, 1079-1091.	5.4	50
4	Spatial and temporal trend analysis of temperature extremes based on Iranian climatic database (1962â€“2004). <i>Arabian Journal of Geosciences</i> , 2015, 8, 8469-8480.	1.3	43
5	Assessment of drought hazard impact on wheat cultivation using standardized precipitation index in Iran. <i>Arabian Journal of Geosciences</i> , 2013, 6, 4463-4473.	1.3	30
6	Assessment of bioclimatic comfort conditions based on Physiologically Equivalent Temperature (PET) using the RayMan Model in Iran. <i>Open Geosciences</i> , 2013, 5, .	1.7	29
7	Evaluation of sediment yield in PSIAC and MPSIAC models by using GIS at Toroq Watershed, Northeast of Iran. <i>Frontiers of Earth Science</i> , 2012, 6, 83-94.	2.1	26
8	Spatial contribution of one-day precipitations variability to rainy days and rainfall amounts in Iran. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 1751-1758.	3.5	25
9	Physical land suitability evaluation for specific cereal crops using GIS at Mashhad Plain, Northeast of Iran. <i>Frontiers of Agriculture in China</i> , 2011, 5, 504-513.	0.2	24
10	Remote Sensing of Atmospheric and Ionospheric Signals Prior to the Mw 8.3 Illapel Earthquake, Chile 2015. <i>Pure and Applied Geophysics</i> , 2017, 174, 11-45.	1.9	24
11	Mapping of landslide hazard zonation using GIS at Golestan watershed, northeast of Iran. <i>Arabian Journal of Geosciences</i> , 2013, 6, 3377-3388.	1.3	20
12	Seismic triggering of atmospheric variables prior to the major earthquakes in the Middle East within a 12-year time-period of 2002â€“2013. <i>Natural Hazards</i> , 2014, 74, 1539-1553.	3.4	20
13	Sediment yield assessment by EPM and PSIAC models using GIS data in semi-arid region. <i>Frontiers of Earth Science</i> , 2011, 5, 207-216.	2.1	19
14	Temperature-Humidity Index described by fractal Higuchi Dimension affects tourism activity in the urban environment of FocÅYani City (Romania). <i>Theoretical and Applied Climatology</i> , 2019, 136, 1009-1019.	2.8	19
15	Landslide hazard zonation assessment using GIS analysis at Golmakan Watershed, northeast of Iran. <i>Frontiers of Earth Science</i> , 2011, 5, 70-81.	2.1	18
16	Ecological carrying capacity of public green spaces as a sustainability index of urban population: a case study of Mashhad city in Iran. <i>Modeling Earth Systems and Environment</i> , 2017, 3, 1161-1170.	3.4	18
17	Land suitability map and ecological carrying capacity for the recognition of touristic zones in the Kalat region, Iran: a multi-criteria analysis based on AHP and GIS. <i>Asia-Pacific Journal of Regional Science</i> , 2019, 3, 697-718.	2.1	18
18	Evaluation of sediment yield and soil loss by the MPSIAC model using GIS at Golestan watershed, northeast of Iran. <i>Arabian Journal of Geosciences</i> , 2013, 6, 3349-3362.	1.3	17

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19	Assessment of urban sprawl effects on regional climate change using a hybrid model of factor analysis and analytical network process in the Mashhad city, Iran. <i>Environmental Systems Research</i> , 2019, 8, .	3.7	17
20	Synoptic detection of the short-term atmospheric precursors prior to a major earthquake in the Middle East, North Saravan M 7.8 earthquake, SE Iran. <i>Air Quality, Atmosphere and Health</i> , 2014, 7, 29-39.	3.3	16
21	GIS-based land suitability evaluation for building height construction using an analytical process in the Mashhad city, NE Iran. <i>Modeling Earth Systems and Environment</i> , 2017, 3, 1.	3.4	14
22	Spatial and temporal variation of nitrogen dioxide measurement in the Middle East within 2005â€“2014. <i>Modeling Earth Systems and Environment</i> , 2017, 3, 1.	3.4	13
23	Impact assessment of treating wastewater on the physiochemical variables of environment: a case of Kermanshah wastewater treatment plant in Iran. <i>Environmental Systems Research</i> , 2019, 8, .	3.7	13
24	Qualitative Land Suitability Evaluation for Wheat and Barley Crops in Khorasan-Razavi Province, Northeast of Iran. <i>Agricultural Research</i> , 2014, 3, 155-164.	1.7	12
25	Geo-statistical modeling of mean annual rainfall over the Iran using ECMWF database. <i>Spatial Information Research</i> , 2017, 25, 219-227.	2.2	12
26	Strategic spatial analysis of urban greenbelt plans in Mashhad city, Iran. <i>Environmental Systems Research</i> , 2019, 8, .	3.7	12
27	Environmental assessment of heavy metal concentration and pollution in the Persian Gulf. <i>Modeling Earth Systems and Environment</i> , 2021, 7, 983-1003.	3.4	12
28	Application of multivariate approach in agrometeorological suitability zonation at northeast semiarid plains of Iran. <i>Theoretical and Applied Climatology</i> , 2013, 114, 139-152.	2.8	10
29	Remote Sensing of Atmospheric and Ionospheric Signals Prior to the Mw 8.3 Illapel Earthquake, Chile 2015. , 2017, , 157-191.		10
30	Rain gauge network evaluation and optimal design using spatial correlation approach in arid and semi-arid regions of Iran. <i>Theoretical and Applied Climatology</i> , 2017, 129, 1255-1261.	2.8	10
31	Variation of agro-climatic indices in Kurdistan province of Iran within 1962â€“2012. <i>Modeling Earth Systems and Environment</i> , 2015, 1, 1.	3.4	9
32	Atmospheric blocking anomalies as the synoptic precursors prior to the induced earthquakes: a new climatic conceptual model. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1705-1718.	3.5	9
33	Comprehensive temporal analysis of temperature inversions across urban atmospheric boundary layer of Tehran within 2014â€“2018. <i>Modeling Earth Systems and Environment</i> , 2020, 6, 967-982.	3.4	9
34	Climatic impacts on hydrogeochemical characteristics of mineralized springs: a case study of the Garab travertine zone in the northeast of Iran. <i>Arabian Journal of Geosciences</i> , 2015, 8, 4895-4906.	1.3	8
35	Climate effects on the COVID-19 outbreak: a comparative analysis between the UAE and Switzerland. <i>Modeling Earth Systems and Environment</i> , 2021, , 1-14.	3.4	8
36	Survey of a relationship between precipitation and major earthquakes along the Peru-Chilean trench (2000â€“2015). <i>European Physical Journal: Special Topics</i> , 2021, 230, 335-351.	2.6	8

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37	A dynamic model for CO2 emissions induced by urban transportation during 2005â€“2030, a case study of Mashhad, Iran. <i>Environment, Development and Sustainability</i> , 2023, 25, 4217-4236.	5.0	8
38	Investigation of the urbanization contribution to the COVID-19 outbreak in Iran and the MECA countries. <i>Environment, Development and Sustainability</i> , 2021, 23, 17964-17985.	5.0	7
39	Factors affecting severe weather threat index in urban areas of Turkey and Iran. <i>Environmental Systems Research</i> , 2020, 9, .	3.7	7
40	Urban and rural contribution to the GHG emissions in the MECA countries. <i>Environment, Development and Sustainability</i> , 2021, 23, 6418-6452.	5.0	6
41	Assessment of the soil loss-prone zones using the USLE model in northeastern Iran. <i>Paddy and Water Environment</i> , 2021, 19, 71-86.	1.8	6
42	Examination of a relationship between atmospheric blocking and seismic events in the Middle East using a new seismo-climatic index. <i>Swiss Journal of Geosciences</i> , 2019, 112, 435-451.	1.2	5
43	Time-lag correlations between atmospheric anomalies and earthquake events in Iran and the surrounding Middle East region (1980â€“2018). <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	5
44	Geomorphological investigation of possible impact evidences for the crater-shaped structure of Zirouki in Samsour Desert, SE Iran. <i>Earth Science Informatics</i> , 2013, 6, 241-252.	3.2	4
45	Remote sensing analysis for the possible impact structure of LakhÄak Crater in southern Afghanistan. <i>Applied Geomatics</i> , 2015, 7, 275-282.	2.5	4
46	Investigation of mining-induced earthquakes in Iran within a time window of 2006â€“2013. <i>Journal of Seismology</i> , 2018, 22, 1437-1450.	1.3	4
47	Multi-criteria modeling for land suitability evaluation of the urban greenbelts in Iran. <i>Modeling Earth Systems and Environment</i> , 2021, 7, 1291-1307.	3.4	4
48	Earthquake Vulnerability Zonation of Mashhad Urban Fabric by Combining the Quantitative Models in GIS, Northeast of Iran. <i>International Journal of Environmental Protection and Policy</i> , 2013, 1, 44.	0.3	4
49	Land Evaluation Based on GIS for Spatial Management of an Urbanized Region, NE Iran. <i>International Journal of Environmental Protection and Policy</i> , 2014, 2, 195.	0.3	4
50	Investigation of a seismic teleconnection model between Iran and Iceland regions during 1980â€“2018. <i>Modeling Earth Systems and Environment</i> , 2020, 6, 2215-2224.	3.4	3
51	A comparison of hydro-geochemistry and stable isotope composition of travertine-depositing springs, Garab in NE Iran and Pamukkale in SW Turkey. <i>Carbonates and Evaporites</i> , 2020, 35, 1.	1.0	3
52	Ecological Evaluation of Landscape Using Feng-Shui Theory at Shandiz Urban Region, NE Iran. <i>International Journal of Environmental Protection and Policy</i> , 2013, 1, 32.	0.3	3
53	Urban flood susceptibility evaluation and prediction during 2010â€“2030 in the southern watersheds of Mashhad city, Iran. <i>Environmental Systems Research</i> , 2021, 10, .	3.7	3
54	Hydrogeochemical and geomorphological investigation of travertine deposition in the Garab Spring region, NE Iran. <i>Sustainable Water Resources Management</i> , 2015, 1, 253-262.	2.1	2

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55	Remote sensing analysis of unknown origin of a crater in western Yemen. Spatial Information Research, 2017, 25, 575-583.	2.2	2
56	Geomorphological Explanation of Karstic Drainage Sensitivity toward Anthropogenic Pollutants in Kardeh Catchment, NE Iran. International Journal of Environmental Protection and Policy, 2014, 2, 113.	0.3	2
57	A rapid method for evaluating the variables affecting traffic flow in a touristic road, Iran. Environmental Systems Research, 2019, 8, .	3.7	2
58	Driving powers of the globalization on the urban ecology, a comparative study. Environmental Systems Research, 2021, 10, 40.	3.7	1