Baharak Motamedvaziri

List of Publications by Year
in descending order

16 papers	150 citations	1477746 6 h-index	1199166 12 g-index
16 all docs	16 docs citations	16 times ranked	179 citing authors

#	Article	IF	Citations
1	Comparison of the performance of SWAT, IHACRES and artificial neural networks models in rainfall-runoff simulation (case study: Kan watershed, Iran). Physics and Chemistry of the Earth, 2019, 111, 65-77.	1.2	39
2	Simulation of land subsidence using finite element method: Rafsanjan plain case study. Natural Hazards, 2014, 72, 309-322.	1.6	22
3	Assessing landslide susceptibility using machine learning models: a comparison between ANN, ANFIS, and ANFIS-ICA. Environmental Earth Sciences, 2020, 79, 1.	1.3	22
4	Assessment of climate change impact on surface runoff, statistical downscaling and hydrological modeling. Physics and Chemistry of the Earth, 2019, 114, 102800.	1.2	19
5	Landslide susceptibility mapping using Genetic Algorithm for the Rule Set Production (GARP) model. Journal of Mountain Science, 2018, 15, 2013-2026.	0.8	16
6	Regional flood frequency modeling: a comparative study among several data-driven models. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	8
7	Study of climate change effects on hydrological processes in Siminehroud and Zarrinehroud watersheds northwest of Iran. Earth Science Informatics, 2021, 14, 965-974.	1.6	5
8	Investigating the land surface temperature reaction to the land cover patterns during three decades using landsat data. International Journal of Environmental Science and Technology, 2022, 19, 159-172.	1.8	5
9	Land Use-Land Cover Change and Its Relationships with the Groundwater Table and the Plantsâ€™ Altitudinal Zones: A Case Study of Arsanjan County, Iran. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2021, 45, 1891-1907.	1.0	4
10	Assessment of the potential of semi-arid plants to reduce soil erosion in the Konartakhteh watershed, Iran. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	3
11	Soil erosion risk assessment in the natural and planted forests using ICONA model and GIS technique. International Journal of Environmental Science and Technology, 2022, 19, 3947-3962.	1.8	2
12	Modeling and estimating the spatial distribution of soil organic matter content in irrigated lands. International Journal of Environmental Science and Technology, 2022, 19, 7399-7410.	1.8	2
13	Simulating erosion hazard maps under climate change and land use change for the early twenty-first century in northern Iran. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	1
14	Assessment of vulnerability and hydrogeochemical specifications of Bahabad Yazd Plain aquifer. Environmental Monitoring and Assessment, 2022, 194, 76.	1.3	1
15	Identifying drivers of adaptive behavior among livestock breeders in Varamin County, Iran: an exploratory sequential mixed-methods approach. Regional Environmental Change, 2022, 22, 1.	1.4	1
16	Eco-hydrological estimation of event-based runoff coefficient using artificial intelligence models in Kasilian watershed, Iran. Stochastic Environmental Research and Risk Assessment, 2020, 34, 1983-1996.	1.9	0