Seyed Arman Hashemi Monfared

List of Publications by Year
in descending order

29 papers	384 citations	840119 11 h-index	839053 18 g-index
29 all docs	29 docs citations	29 times ranked	308 citing authors

#	Article	IF	Citations
1	A comparison of CMIP6 and CMIP5 projections for precipitation to observational data: the case of Northeastern Iran. Theoretical and Applied Climatology, 2020, 142, 1613-1623.	1.3	70
2	Prediction of annual drinking water quality reduction based on Groundwater Resource Index using the artificial neural network and fuzzy clustering. Journal of Contaminant Hydrology, 2019, 220, 6-17.	1.6	43
3	Water Quality Planning in Rivers: Assimilative Capacity and Dilution Flow. Bulletin of Environmental Contamination and Toxicology, 2017, 99, 531-541.	1.3	38
4	Spatial assessment of the potential of groundwater quality using fuzzy AHP in GIS. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	26
5	A refined subset simulation for the reliability analysis using the subset control variate. Structural Safety, 2020, 87, 102002.	2.8	25
6	An enhanced binary dragonfly algorithm based on a V-shaped transfer function for optimization of pump scheduling program in water supply systems (case study of Iran). Engineering Failure Analysis, 2021, 123, 105323.	1.8	25
7	Sustainable Water Resources Management in an Arid Area Using a Coupled Optimization-Simulation Modeling. Water (Switzerland), 2020, 12, 885.	1.2	22
8	Pesticide transport and transformation modeling in soil column and groundwater contamination prediction. International Journal of Environmental Science and Technology, 2009, 6, 233-242.	1.8	16
9	Assessment of tools for protection of quality of water: Uncontrollable discharges of pollutants. Ecotoxicology and Environmental Safety, 2018, 161, 190-197.	2.9	16
10	Anomaly Detection and Reliability Analysis of Groundwater by Crude Monte Carlo and Importance Sampling Approaches. Water Resources Management, 2018, 32, 4447-4467.	1.9	13
11	Reliability-based design and implementation of crow search algorithm for longitudinal dispersion coefficient estimation in rivers. Environmental Science and Pollution Research, 2021, 28, 35971-35990.	2.7	13
12	Subset simulation method including fitness-based seed selection for reliability analysis. Engineering With Computers, 2021, 37, 2689-2705.	3.5	11
13	A Three-Dimensional, Integrated Seasonal Separate Advection–Diffusion Model (ISSADM) to Predict Water Quality Patterns in the Chahnimeh Reservoir. Environmental Modeling and Assessment, 2014, 19, 71-83.	1.2	7
14	An integrated model for economic assessment of environmental scenarios for dust stabilization and sustainable flora–fauna ecosystem in international Hamoun wetland. Environment, Development and Sustainability, 2021, 23, 947-967.	2.7	6
15	Reservoir quality management with CE-QUAL-W2/ANN surrogate model and PSO algorithm (case study:) Tj ETQq1 1 0.784314 rgBT /O	0.6	6
16	An Application of WEAP Model in Water Resources Management Considering the Environmental Scenarios and Economic Assessment Case Study: Hirmand Catchment. Modern Applied Science, 2016, 10, 49.	0.4	5
17	Analysis of drought recurrence conditions using first-order reliability method. International Journal of Environmental Science and Technology, 2019, 16, 4471-4482.	1.8	5
18	Analysis of assimilation capacity for conservation of water quality: controllable discharges of pollutants. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	5

#	Article	IF	Citations
19	Application of Meshless local Petrov-Galerkin approach for steady state groundwater flow modeling. Water Science and Technology: Water Supply, 0, , .	1.0	5
20	Simulation modelling of pollutant transport from leachate in Shiraz landfill. Environmental Earth Sciences, 2009, 59, 287-296.	1.3	4
21	Using Windbreaks for Decreasing Lake and Reservoir Evaporation: A Case Study from Iran. Polish Journal of Environmental Studies, 2019, 28, 2289-2298.	0.6	4
22	Prediction of Groundwater Fluctuations Using Meshless Local Petrov-Galerkin Numerical Method in a Field Aquifer (Birjand Aquifer). Journal of Numerical Methods in Civil Engineering, 2019, 3, 33-41.	0.3	4
23	Numerical simulation of groundwater in an unconfined aquifer with a novel hybrid model (case) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	4
24	Large-scale association analysis of climate drought and decline in groundwater quantity using Gaussian process classification (case study: 609 study area of Iran). Journal of Environmental Health Science & Engineering, 2018, 16, 129-145.	1.4	3
25	An Integrated Water Resources Management Considering Agricultural Demands and the Assessment of Different Scenarios in Hirmand Catchment, Iran. Water Resources, 2019, 46, 308-317.	0.3	3
26	A timetable and spatial planning for pollutant entrance to the river. International Journal of Environmental Science and Technology, 2020, 17, 4171-4188.	1.8	3
27	Determination of the optimal location of wells in aquifers with an accurate simulation-optimization model based on the meshless local Petrov-Galerkin. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	2
28	PHYTOPLANKTON AND ZOOPLANKTON MODELING IN THE CHAHNIMEH MAN-MADE RESERVOIR BY MEANS OF ISSADM. Applied Ecology and Environmental Research, 2013, 11, 209-221.	0.2	0
29	Presenting a two-objective model to manage spatiotemporal pollution distribution in river with consideration of consumer demand. International Journal of Environmental Science and Technology, 2022, 19, 4459.	1.8	0