Shahab Araghinejad

List of Publications by Year
in descending order

37 papers	1,084 citations	331259 21 h-index	414034 32 g-index
39 all docs	39 docs citations	39 times ranked	1255 citing authors

#	Article	IF	Citations
1	Adaptation of a compromise programming approach for evaluating the localized impacts of water allocation. Hydrological Sciences Journal, 2021, 66, 1275-1287.	1.2	3
2	Using GRACE satellite observations for separating meteorological variability from anthropogenic impacts on water availability. Scientific Reports, 2020, 10, 15098.	1.6	23
3	Developing an Interactive Spatial Multi-Attribute Decision Support System for Assessing Water Resources Allocation Scenarios. Water Resources Management, 2020, 34, 447-462.	1.9	15
4	Introducing modified total storage deficit index (MTSDI) for drought monitoring using GRACE observations. Ecological Indicators, 2019, 101, 465-475.	2.6	34
5	Selected model fusion: an approach for improving the accuracy of monthly streamflow forecasting. Journal of Hydroinformatics, 2018, 20, 917-933.	1.1	12
6	A Comparative Assessment of Artificial Neural Network, Generalized Regression Neural Network, Least-Square Support Vector Regression, and K-Nearest Neighbor Regression for Monthly Streamflow Forecasting in Linear and Nonlinear Conditions. Water Resources Management, 2018, 32, 243-258.	1.9	89
7	Classification of water quality status based on minimum quality parameters: application of machine learning techniques. Modeling Earth Systems and Environment, 2018, 4, 311-324.	1.9	34
8	Spatio-temporal evaluation of global gridded precipitation datasets across Iran. Hydrological Sciences Journal, 2018, 63, 1669-1688.	1.2	32
9	Development of a Hybrid Data Driven Model for Hydrological Estimation. Water Resources Management, 2018, 32, 3737-3750.	1.9	26
10	Drought forecasting using data-driven methods and an evolutionary algorithm. Modeling Earth Systems and Environment, 2017, 3, 1675-1689.	1.9	32
11	Reservoir Operation during Drought. , 2017, , 283-292.		1
12	A hybrid Bayesian-SVD based method to detect false alarms in PERSIANN precipitation estimation product using related physical parameters. Journal of Hydrology, 2016, 538, 640-650.	2.3	4
13	The combined effect of Persian Gulf and Mediterranean Sea surface temperature on operational forecast of spring streamflow for Karkheh basin, Iran. Sustainable Water Resources Management, 2016, 2, 387-403.	1.0	5
14	Pre-processing of data-driven river flow forecasting models by singular value decomposition (SVD) technique. Hydrological Sciences Journal, 2016, 61, 2164-2178.	1.2	25
15	Environmental management in Urmia Lake: thresholds approach. International Journal of Water Resources Development, 2016, 32, 77-88.	1.2	12
16	Monthly and seasonal drought forecasting using statistical neural networks. Environmental Earth Sciences, 2015, 74, 397-412.	1.3	56
17	Flood Vulnerability Analysis by Fuzzy Spatial Multi Criteria Decision Making. Water Resources Management, 2015, 29, 4427-4445.	1.9	30
18	Optimum Operation of Reservoir Using Two Evolutionary Algorithms: Imperialist Competitive Algorithm (ICA) and Cuckoo Optimization Algorithm (COA). Water Resources Management, 2015, 29, 3749-3769.	1.9	65

#	Article	IF	Citations
19	Development of a Nonparametric Model for Multivariate Hydrological Monthly Series Simulation Considering Climate Change Impacts. Water Resources Management, 2015, 29, 5309-5322.	1.9	11
20	Data-Driven Modeling: Using MATLABÂ® in Water Resources and Environmental Engineering. Water Science and Technology Library, 2014, , .	0.2	63
21	Developing Strategies for Urban Flood Management of Tehran City Using SMCDM and ANN. Journal of Computing in Civil Engineering, 2014, 28, .	2.5	36
22	A Comparative Assessment of Support Vector Machines, Probabilistic Neural Networks, and K-Nearest Neighbor Algorithms for Water Quality Classification. Water Resources Management, 2014, 28, 4095-4111.	1.9	83
23	Long-Lead Streamflow Forecasting in the Southwest of Iran by Sea Surface Temperature of the Mediterranean Sea. Journal of Hydrologic Engineering - ASCE, 2014, 19, .	0.8	24
24	Developing a new method for spatial assessment of drought vulnerability (case study:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (<so Journal, 2013, 27, 50-57.	1.0	15
25	Water Management of Irrigation Dams Considering Climate Variation: Case Study of Zayandeh-rud Reservoir, Iran. Water Resources Management, 2013, 27, 1651-1660.	1.9	12
26	Optimal water allocation in irrigation networks based on real time climatic data. Agricultural Water Management, 2013, 117, 1-8.	2.4	32
27	RESERVOIR DAILY INFLOW SIMULATION USING DATA FUSION METHOD. Irrigation and Drainage, 2013, 62, 468-476.	0.8	3
28	Application of artificial neural network ensembles in probabilistic hydrological forecasting. Journal of Hydrology, 2011, 407, 94-94.	2.3	55
29	An Approach for Probabilistic Hydrological Drought Forecasting. Water Resources Management, 2011, 25, 191-200.	1.9	18
30	On the relationship of regional meteorological drought with SOI and NAO over southwest Iran. Theoretical and Applied Climatology, 2010, 100, 57-66.	1.3	43
31	Long-Term Operation of Irrigation Dams Considering Variable Demands: Case Study of Zayandeh-rud Reservoir, Iran. Journal of Irrigation and Drainage Engineering - ASCE, 2010, 136, 309-316.	0.6	16
32	Reservoir Inflow Modeling Using Temporal Neural Networks with Forgetting Factor Approach. Water Resources Management, 2009, 23, 39-55.	1.9	24
33	Long-lead seasonal rainfall forecasting using time-delay recurrent neural networks: a case study. Hydrological Processes, 2008, 22, 229-241.	1.1	39
34	Drought Mitigation through Long-Term Operation of Reservoirs: Case Study. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 471-478.	0.6	30
35	Long-lead probabilistic forecasting of streamflow using ocean-atmospheric and hydrological predictors. Water Resources Research, 2006, 42, .	1.7	41
36	Probabilistic forecasting of hydrological events using geostatistical analysis / PrÃ©vision probabiliste d'Ã©vÃ©nements hydrologiques par analyse gÃ©ostatistique. Hydrological Sciences Journal, 2005, 50, .	1.2	20

#	Article	IF	Citations
37	Analysis of Hydrologic and Agricultural Droughts in Central Part of Iran. Journal of Hydrologic Engineering - ASCE, 2004, 9, 402-414.	0.8	17