Davar Khalili

List of Publications by Year in Descending Order

45 papers	1,032 citations	19 h-index	31 g-index
46 ext. papers	1,169 ext. citations	3.1 avg, IF	4.47 L-index

#	Paper	IF	Citations
45	Influences of natural salinity sources and human actions on the Shapour River salinity during the recent streamflow reduction period. *Environmental Monitoring and Assessment*, **2021**, 193, 696	3.1	0
44	Effect of reservoir geometry on functionality of recharge dams influenced by sedimentation: case study of the Meymand recharge dam. *Arabian Journal of Geosciences*, **2021**, 14, 1	1.8	2
43	Development of the Green-Ampt Infiltration Rate Model and Relationship of the GA Model Parameters with Soil Hydraulic Parameters. *Journal of Hydrologic Engineering - ASCE*, **2021**, 26, 04021033	1.8	1
42	Post and near real-time satellite precipitation products skill over Karkheh River Basin in Iran. *International Journal of Remote Sensing*, **2020**, 41, 6484-6502	3.1	8
41	Assessment of Artificial Recharge Dams and Improvement of Their Groundwater-Recharge Capacity. *Journal of Hydrologic Engineering - ASCE*, **2020**, 25, 04020011	1.8	5
40	Effect of Aggregate Size and Porosity of Clay Soils on the Hydraulic Parameters of the Green-Ampt Infiltration Model. *Journal of Hydrologic Engineering - ASCE*, **2018**, 23, 06018001	1.8	4
39	Development of a Simulation Model for Estimation of Potential Recharge in a Semi-arid Foothill Region. *Water Resources Management*, **2017**, 31, 1535-1556	3.7	1
38	Integrated meteorological and hydrological drought model: A management tool for proactive water resources planning of semi-arid regions. *Advances in Water Resources*, **2017**, 107, 336-353	4.7	36
37	Groundwater potential recharge estimation in bare soil using three soil moisture accounting models: field evaluation for a semi-arid foothill region. *Arabian Journal of Geosciences*, **2017**, 10, 1	1.8	1
36	Sensitivity of Calibrated Parameters and Water Resource Estimates on Different Objective Functions and Optimization Algorithms. *Water (Switzerland)*, **2017**, 9, 384	3	49
35	Spatial and temporal changes of precipitation concentration in Fars province, southwestern Iran. *Meteorology and Atmospheric Physics*, **2016**, 128, 181-196	2	18
34	Evaluation of groundwater potential recharge models considering estimated bare soil evaporation, in a semi-arid foothill region. *Hydrological Sciences Journal*, **2016**, 61, 162-172	3.5	4
33	Assessment of seasonal characteristics of streamflow droughts under semiarid conditions. *Natural Hazards*, **2016**, 82, 1541-1564	3	9
32	Characteristics and Multifractal Properties of Daily Streamflow in a Semiarid Environment. *Iranian Journal of Science and Technology - Transactions of Civil Engineering*, **2016**, 40, 49-58	1.1	2
31	Appropriateness of Clustered Raingauge Stations for Spatio-Temporal Meteorological Drought Applications. *Water Resources Management*, **2015**, 29, 4157-4171	3.7	11
30	Evapotranspiration model selection for estimation of actual evaporation from bare soil, as required in annual potential groundwater recharge studies of a semi-arid foothill region. *Archives of Agronomy and Soil Science*, **2015**, 61, 1455-1472	2	2
29	Recent trends in regional air temperature and precipitation and links to global climate change in the Maharlo watershed, Southwestern Iran. *Meteorology and Atmospheric Physics*, **2014**, 126, 177-192	2	15

28	In-depth investigation of precipitation-based climate change and cyclic variation in different climatic zones. *Theoretical and Applied Climatology*, **2014**, 116, 565-583	3	6
27	Climate Information Use. *Advances in Human and Social Aspects of Technology Book Series*, **2014**, 35-60	0.2	
26	Investigation of spatio-temporal patterns of seasonal streamflow droughts in a semi-arid region. *Natural Hazards*, **2013**, 69, 1697-1720	3	18
25	Factors Influencing Markov Chains Predictability Characteristics, Utilizing SPI, RDI, EDI and SPEI Drought Indices in Different Climatic Zones. *Water Resources Management*, **2013**, 27, 3911-3928	3.7	61
24	Seasonality Characteristics and Spatio-temporal Trends of 7-day Low Flows in a Large, Semi-arid Watershed. *Water Resources Management*, **2013**, 27, 4897-4911	3.7	15
23	Preparation of frost atlas using different interpolation methods in a semiarid region of south of Iran. *Theoretical and Applied Climatology*, **2012**, 108, 159-171	3	8
22	Comparability Analyses of the SPI and RDI Meteorological Drought Indices in Different Climatic Zones. *Water Resources Management*, **2011**, 25, 1737-1757	3.7	97
21	Assessment and Comparison of SPI and RDI Meteorological Drought Indices in Selected Synoptic Stations of Iran **2011**,		12
20	Evaluation of Hargreaves Equation for ET 0 Calculations at Selected Synoptic Stations in Iran **2010**,		1
19	Probabilistic analysis of extreme regional meteorological droughts by L-moments in a semi-arid environment. *Theoretical and Applied Climatology*, **2010**, 102, 351-366	3	19
18	Development of Regional Rainfall Annual Maxima for Southwestern Iran by L-Moments. *Water Resources Management*, **2010**, 24, 2501-2526	3.7	26
17	Daily Outflow Prediction by Multi Layer Perceptron with Logistic Sigmoid and Tangent Sigmoid Activation Functions. *Water Resources Management*, **2010**, 24, 2673-2688	3.7	113
16	Utilization of Time-Based Meteorological Droughts to Investigate Occurrence of Streamflow Droughts. *Water Resources Management*, **2010**, 24, 4287-4306	3.7	36
15	Two solution methods for dynamic game in reservoir operation. *Advances in Water Resources*, **2010**, 33, 752-761	4.7	13
14	Comprehensive evaluation of regional flood frequency analysis by L- and LH-moments. I. A re-visit to regional homogeneity. *Stochastic Environmental Research and Risk Assessment*, **2009**, 23, 119-135	3.5	40
13	Comprehensive evaluation of regional flood frequency analysis by L- and LH-moments. II. Development of LH-moments parameters for the generalized Pareto and generalized logistic distributions. *Stochastic Environmental Research and Risk Assessment*, **2009**, 23, 137-152	3.5	34
12	The association between regional and global atmospheric patterns and winter precipitation in Iran. *Atmospheric Research*, **2008**, 88, 116-133	5.4	47
11	A Fuzzy Stochastic Dynamic Nash Game Analysis of Policies for Managing Water Allocation in a Reservoir System. *Water Resources Management*, **2008**, 22, 51-66	3.7	32

10	The effect of the North Sea-Caspian pattern (NCP) on winter temperatures in Iran. *Theoretical and Applied Climatology*, **2008**, 92, 59-74	3	25
9	Development of stochastic dynamic Nash game model for reservoir operation II. The value of players□nformation availability and cooperative behaviors. *Advances in Water Resources*, **2007**, 30, 157-168	4.7	26
8	Development of stochastic dynamic Nash game model for reservoir operation. I. The symmetric stochastic model with perfect information. *Advances in Water Resources*, **2007**, 30, 528-542	4.7	46
7	A new stochastic optimization model for deficit irrigation. *Irrigation Science*, **2006**, 25, 63-73	3.1	27
6	Daily Stream Flow Prediction Capability of Artificial Neural Networks as influenced by Minimum Air Temperature Data. *Biosystems Engineering*, **2006**, 95, 557-567	4.8	20
5	The influence of the Arctic Oscillation on winter temperatures in Iran. *Theoretical and Applied Climatology*, **2006**, 85, 149-164	3	52
4	Grain yield reliability analysis with crop water demand uncertainty. *Stochastic Environmental Research and Risk Assessment*, **2006**, 20, 259-277	3.5	53
3	Regional classification for dryland agriculture in southern Iran. *Journal of Arid Environments*, **2002**, 50, 333-341	2.5	36
2	A MULTIOBJECTIVE, DISCRETE SYSTEM REPRESENTATION OF RANGELAND WATERSHEDS1. *Journal of the American Water Resources Association*, **1988**, 24, 1035-1040	2.1	1
1	Spatio-temporal variability of extreme precipitation characteristics under different climatic conditions in Fars province, Iran. *Environment, Development and Sustainability*,1	4.5	0