

Davar Khalili

List of Publications by Year in descending order

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46
papers

1,344
citations

331538

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times ranked

1513
citing authors

#	ARTICLE	IF	CITATIONS
1	Daily Outflow Prediction by Multi Layer Perceptron with Logistic Sigmoid and Tangent Sigmoid Activation Functions. <i>Water Resources Management</i> , 2010, 24, 2673-2688.	1.9	136
2	Comparability Analyses of the SPI and RDI Meteorological Drought Indices in Different Climatic Zones. <i>Water Resources Management</i> , 2011, 25, 1737-1757.	1.9	115
3	Sensitivity of Calibrated Parameters and Water Resource Estimates on Different Objective Functions and Optimization Algorithms. <i>Water (Switzerland)</i> , 2017, 9, 384.	1.2	102
4	Factors Influencing Markov Chains Predictability Characteristics, Utilizing SPI, RDI, EDI and SPEI Drought Indices in Different Climatic Zones. <i>Water Resources Management</i> , 2013, 27, 3911-3928.	1.9	76
5	The association between regional and global atmospheric patterns and winter precipitation in Iran. <i>Atmospheric Research</i> , 2008, 88, 116-133.	1.8	70
6	Grain yield reliability analysis with crop water demand uncertainty. <i>Stochastic Environmental Research and Risk Assessment</i> , 2006, 20, 259-277.	1.9	62
7	The influence of the Arctic Oscillation on winter temperatures in Iran. <i>Theoretical and Applied Climatology</i> , 2006, 85, 149-164.	1.3	60
8	Development of stochastic dynamic Nash game model for reservoir operation. I. The symmetric stochastic model with perfect information. <i>Advances in Water Resources</i> , 2007, 30, 528-542.	1.7	54
9	Comprehensive evaluation of regional flood frequency analysis by L- and LH-moments. I. A re-visit to regional homogeneity. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009, 23, 119-135.	1.9	48
10	Integrated meteorological and hydrological drought model: A management tool for proactive water resources planning of semi-arid regions. <i>Advances in Water Resources</i> , 2017, 107, 336-353.	1.7	48
11	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. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009, 23, 137-152.	1.9	43
12	Utilization of Time-Based Meteorological Droughts to Investigate Occurrence of Streamflow Droughts. <i>Water Resources Management</i> , 2010, 24, 4287-4306.	1.9	42
13	Regional classification for dryland agriculture in southern Iran. <i>Journal of Arid Environments</i> , 2002, 50, 333-341.	1.2	40
14	A Fuzzy Stochastic Dynamic Nash Game Analysis of Policies for Managing Water Allocation in a Reservoir System. <i>Water Resources Management</i> , 2008, 22, 51-66.	1.9	35
15	A new stochastic optimization model for deficit irrigation. <i>Irrigation Science</i> , 2006, 25, 63-73.	1.3	33
16	Development of stochastic dynamic Nash game model for reservoir operation II. The value of players' information availability and cooperative behaviors. <i>Advances in Water Resources</i> , 2007, 30, 157-168.	1.7	33
17	Development of Regional Rainfall Annual Maxima for Southwestern Iran by L-Moments. <i>Water Resources Management</i> , 2010, 24, 2501-2526.	1.9	31
18	The effect of the North Sea-Caspian pattern (NCP) on winter temperatures in Iran. <i>Theoretical and Applied Climatology</i> , 2008, 92, 59-74.	1.3	28

#	ARTICLE	IF	CITATIONS
19	Post and near real-time satellite precipitation products skill over Karkheh River Basin in Iran. <i>International Journal of Remote Sensing</i> , 2020, 41, 6484-6502.	1.3	28
20	Daily Stream Flow Prediction Capability of Artificial Neural Networks as influenced by Minimum Air Temperature Data. <i>Biosystems Engineering</i> , 2006, 95, 557-567.	1.9	26
21	Spatial and temporal changes of precipitation concentration in Fars province, southwestern Iran. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 181-196.	0.9	26
22	Probabilistic analysis of extreme regional meteorological droughts by L-moments in a semi-arid environment. <i>Theoretical and Applied Climatology</i> , 2010, 102, 351-366.	1.3	22
23	Investigation of spatio-temporal patterns of seasonal streamflow droughts in a semi-arid region. <i>Natural Hazards</i> , 2013, 69, 1697-1720.	1.6	21
24	Assessment and Comparison of SPI and RDI Meteorological Drought Indices in Selected Synoptic Stations of Iran. , 2011, , .		18
25	Two solution methods for dynamic game in reservoir operation. <i>Advances in Water Resources</i> , 2010, 33, 752-761.	1.7	17
26	Recent trends in regional air temperature and precipitation and links to global climate change in the Maharlo watershed, Southwestern Iran. <i>Meteorology and Atmospheric Physics</i> , 2014, 126, 177-192.	0.9	17
27	Seasonality Characteristics and Spatio-temporal Trends of 7-day Low Flows in a Large, Semi-arid Watershed. <i>Water Resources Management</i> , 2013, 27, 4897-4911.	1.9	16
28	Assessment of seasonal characteristics of streamflow droughts under semiarid conditions. <i>Natural Hazards</i> , 2016, 82, 1541-1564.	1.6	16
29	Appropriateness of Clustered Raingauge Stations for Spatio-Temporal Meteorological Drought Applications. <i>Water Resources Management</i> , 2015, 29, 4157-4171.	1.9	15
30	Assessment of Artificial Recharge Dams and Improvement of Their Groundwater-Recharge Capacity. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	0.8	11
31	Preparation of frost atlas using different interpolation methods in a semiarid region of south of Iran. <i>Theoretical and Applied Climatology</i> , 2012, 108, 159-171.	1.3	9
32	Effect of Aggregate Size and Porosity of Clay Soils on the Hydraulic Parameters of the Green-Ampt Infiltration Model. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018, 23, .	0.8	8
33	In-depth investigation of precipitation-based climate change and cyclic variation in different climatic zones. <i>Theoretical and Applied Climatology</i> , 2014, 116, 565-583.	1.3	6
34	Evaluation of groundwater potential recharge models considering estimated bare soil evaporation, in a semi-arid foothill region. <i>Hydrologic Sciences Journal</i> , 2016, 61, 162-172.	1.2	6
35	Effect of reservoir geometry on functionality of recharge dams influenced by sedimentation: case study of the Meymand recharge dam. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	5
36	Development of the Green-Ampt Infiltration Rate Model and Relationship of the GA Model Parameters with Soil Hydraulic Parameters. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, .	0.8	4

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37	Influences of natural salinity sources and human actions on the Shapour River salinity during the recent streamflow reduction period. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 696.	1.3	4
38	Influence of Climatic Variability on Detected Drought Spatio/Temporal Variability and Characteristics by SPI and RDI. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2022, 46, 3369-3385.	1.0	3
39	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. <i>Archives of Agronomy and Soil Science</i> , 2015, 61, 1455-1472.	1.3	2
40	Characteristics and Multifractal Properties of Daily Streamflow in a Semiarid Environment. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2016, 40, 49-58.	1.0	2
41	Groundwater potential recharge estimation in bare soil using three soil moisture accounting models: field evaluation for a semi-arid foothill region. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	2
42	A MULTIOBJECTIVE, DISCRETE SYSTEM REPRESENTATION OF RANGELAND WATERSHEDS. <i>Journal of the American Water Resources Association</i> , 1988, 24, 1035-1040.	1.0	1
43	Evaluation of Hargreaves Equation for ET Calculations at Selected Synoptic Stations in Iran. , 2010, , .		1
44	Development of a Simulation Model for Estimation of Potential Recharge in a Semi-arid Foothill Region. <i>Water Resources Management</i> , 2017, 31, 1535-1556.	1.9	1
45	Spatio-temporal variability of extreme precipitation characteristics under different climatic conditions in Fars province, Iran. <i>Environment, Development and Sustainability</i> , 0, , 1.	2.7	1
46	Climate Information Use. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2014, , 35-60.	0.3	0