

Davar Khalili

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6584487/davar-khalili-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Daily Outflow Prediction by Multi Layer Perceptron with Logistic Sigmoid and Tangent Sigmoid Activation Functions. <i>Water Resources Management</i> , 2010 , 24, 2673-2688	3.7	113
44	Comparability Analyses of the SPI and RDI Meteorological Drought Indices in Different Climatic Zones. <i>Water Resources Management</i> , 2011 , 25, 1737-1757	3.7	97
43	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	3.7	61
42	Grain yield reliability analysis with crop water demand uncertainty. <i>Stochastic Environmental Research and Risk Assessment</i> , 2006 , 20, 259-277	3.5	53
41	The influence of the Arctic Oscillation on winter temperatures in Iran. <i>Theoretical and Applied Climatology</i> , 2006 , 85, 149-164	3	52
40	Sensitivity of Calibrated Parameters and Water Resource Estimates on Different Objective Functions and Optimization Algorithms. <i>Water (Switzerland)</i> , 2017 , 9, 384	3	49
39	The association between regional and global atmospheric patterns and winter precipitation in Iran. <i>Atmospheric Research</i> , 2008 , 88, 116-133	5.4	47
38	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	4.7	46
37	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	3.5	40
36	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	4.7	36
35	Utilization of Time-Based Meteorological Droughts to Investigate Occurrence of Streamflow Droughts. <i>Water Resources Management</i> , 2010 , 24, 4287-4306	3.7	36
34	Regional classification for dryland agriculture in southern Iran. <i>Journal of Arid Environments</i> , 2002 , 50, 333-341	2.5	36
33	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	3.5	34
32	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	3.7	32
31	A new stochastic optimization model for deficit irrigation. <i>Irrigation Science</i> , 2006 , 25, 63-73	3.1	27
30	Development of Regional Rainfall Annual Maxima for Southwestern Iran by L-Moments. <i>Water Resources Management</i> , 2010 , 24, 2501-2526	3.7	26
29	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	4.7	26

28	The effect of the North Sea-Caspian pattern (NCP) on winter temperatures in Iran. <i>Theoretical and Applied Climatology</i> , 2008 , 92, 59-74	3	25
27	Daily Stream Flow Prediction Capability of Artificial Neural Networks as influenced by Minimum Air Temperature Data. <i>Biosystems Engineering</i> , 2006 , 95, 557-567	4.8	20
26	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	3	19
25	Spatial and temporal changes of precipitation concentration in Fars province, southwestern Iran. <i>Meteorology and Atmospheric Physics</i> , 2016 , 128, 181-196	2	18
24	Investigation of spatio-temporal patterns of seasonal streamflow droughts in a semi-arid region. <i>Natural Hazards</i> , 2013 , 69, 1697-1720	3	18
23	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	3.7	15
22	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	2	15
21	Two solution methods for dynamic game in reservoir operation. <i>Advances in Water Resources</i> , 2010 , 33, 752-761	4.7	13
20	Assessment and Comparison of SPI and RDI Meteorological Drought Indices in Selected Synoptic Stations of Iran 2011 ,		12
19	Appropriateness of Clustered Raingauge Stations for Spatio-Temporal Meteorological Drought Applications. <i>Water Resources Management</i> , 2015 , 29, 4157-4171	3.7	11
18	Assessment of seasonal characteristics of streamflow droughts under semiarid conditions. <i>Natural Hazards</i> , 2016 , 82, 1541-1564	3	9
17	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	3.1	8
16	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	3	8
15	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	3	6
14	Assessment of Artificial Recharge Dams and Improvement of Their Groundwater-Recharge Capacity. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020 , 25, 04020011	1.8	5
13	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, 06018001	1.8	4
12	Evaluation of groundwater potential recharge models considering estimated bare soil evaporation, in a semi-arid foothill region. <i>Hydrological Sciences Journal</i> , 2016 , 61, 162-172	3.5	4
11	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	2	2

10	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	1.8	2
9	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	1.1	2
8	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	3.7	1
7	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	1.8	1
6	Evaluation of Hargreaves Equation for ET 0 Calculations at Selected Synoptic Stations in Iran 2010 ,		1
5	A MULTIOBJECTIVE, DISCRETE SYSTEM REPRESENTATION OF RANGELAND WATERSHEDS1. <i>Journal of the American Water Resources Association</i> , 1988 , 24, 1035-1040	2.1	1
4	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, 04021033 ^{1.8}		1
3	Spatio-temporal variability of extreme precipitation characteristics under different climatic conditions in Fars province, Iran. <i>Environment, Development and Sustainability</i> ,1	4.5	0
2	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	3.1	0
1	Climate Information Use. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2014 , 35-60	0.2	