

abdol Rassoul zarei

List of Publications by Citations

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38
papers

399
citations

12
h-index

18
g-index

44
ext. papers

633
ext. citations

2.7
avg, IF

5.18
L-index

#	Paper	IF	Citations
38	Analysis of Changes in Spatial Pattern of Drought Using RDI Index in south of Iran. <i>Water Resources Management</i> , 2016 , 30, 3723-3743	3.7	45
37	Modeling, prediction and trend assessment of drought in Iran using standardized precipitation index. <i>Journal of Water and Climate Change</i> , 2019 , 10, 181-196	2.3	36
36	Comparison of the climate indices based on the relationship between yield loss of rain-fed winter wheat and changes of climate indices using GEE model. <i>Science of the Total Environment</i> , 2019 , 661, 711-722	10.2	32
35	Evaluation of changes in RDist index effected by different Potential Evapotranspiration calculation methods. <i>Water Resources Management</i> , 2017 , 31, 4981-4999	3.7	28
34	Parametric and Non-Parametric Trend of Drought in Arid and Semi-Arid Regions Using RDI Index. <i>Water Resources Management</i> , 2016 , 30, 5479-5500	3.7	25
33	Modified version for SPEI to evaluate and modeling the agricultural drought severity. <i>International Journal of Biometeorology</i> , 2019 , 63, 911-925	3.7	24
32	Evaluation of Drought Condition in Arid and Semi- Arid Regions, Using RDI Index. <i>Water Resources Management</i> , 2018 , 32, 1689-1711	3.7	24
31	Landslide Susceptibility Mapping Using Fuzzy-AHP. <i>Geotechnical and Geological Engineering</i> , 2018 , 36, 3931-3943	1.5	18
30	Temporal and spatial assessment of groundwater contamination with nitrate by nitrate pollution index (NPI) and GIS (case study: Fasarud Plain, southern Iran). <i>Environmental Geochemistry and Health</i> , 2020 , 42, 3119-3130	4.7	15
29	Analysis of changes trend in spatial and temporal pattern of drought over south of Iran using standardized precipitation index (SPI). <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	14
28	Seasonal drought forecasting in arid regions, using different time series models and RDI index. <i>Journal of Water and Climate Change</i> , 2020 , 11, 633-654	2.3	13
27	Comparison of reconnaissance drought index (RDI) and effective reconnaissance drought index (eRDI) to evaluate drought severity. <i>Sustainable Water Resources Management</i> , 2019 , 5, 1345-1356	1.9	12
26	Trend assessment of precipitation and drought index (SPI) using parametric and non-parametric trend analysis methods (case study: arid regions of southern Iran). <i>International Journal of Hydrology Science and Technology</i> , 2017 , 7, 12	1.5	10
25	Evaluating Performance and Applicability of Several Drought Indices in Arid Regions. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2021 , 57, 645-661	2.1	10
24	Accuracy Assessment of the SPEI, RDI and SPI Drought Indices in Regions of Iran with Different Climate Conditions. <i>Pure and Applied Geophysics</i> , 2021 , 178, 1387-1403	2.2	8
23	Sensitivity Assessment to the Occurrence of Different Types of Droughts Using GIS and AHP Techniques. <i>Water Resources Management</i> , 2021 , 35, 3593-3615	3.7	8
22	Determining prone areas to gully erosion and the impact of land use change on it by using multiple-criteria decision-making algorithm in arid and semi-arid regions. <i>Geoderma</i> , 2021 , 403, 115379	6.7	8

21	Investigating of the climatic parameters effectiveness rate on barley water requirement using the random forest algorithm, Bayesian multiple linear regression and cross-correlation function. <i>Paddy and Water Environment</i> , 2021 , 19, 137-148	1.6	7
20	Evaluation of the Influence of Occurrence Time of Drought on the Annual Yield of Rain-Fed Winter Wheat Using Backward Multiple Generalized Estimation Equation. <i>Water Resources Management</i> , 2020 , 34, 2911-2931	3.7	6
19	Assessment of the effect of PET calculation method on the Standardized Precipitation Evapotranspiration Index (SPEI). <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	6
18	Analysis of drought transitions using log-linear models in Iran. <i>International Journal of Water</i> , 2017 , 11, 266	0.9	6
17	Prioritization of the effectiveness rate of various climatic variables on the annual yield of rain-fed winter wheat using different statistical models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020 , 34, 611-625	3.5	5
16	Investigating the ability of periodically correlated (PC) time series models to forecast the climate index. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020 , 34, 121-137	3.5	5
15	Evaluation and Comparison of the Effectiveness Rate of the Various Meteorological Parameters on UNEP Aridity Index Using Backward Multiple Ridge Regression. <i>Water Resources Management</i> , 2021 , 35, 159-177	3.7	5
14	Ability Assessment of the Stationary and Cyclostationary Time Series Models to Predict Drought Indices. <i>Water Resources Management</i> , 2020 , 34, 5009-5029	3.7	4
13	Susceptibility Assessment of Winter Wheat, Barley and Rapeseed to Drought Using Generalized Estimating Equations and Cross-Correlation Function. <i>Environmental Processes</i> , 2021 , 8, 163-197	2.8	4
12	Evaluation of the soil fertility for corn production (Zea Mays) using the multiple-criteria decision analysis (MCDA). <i>Modeling Earth Systems and Environment</i> , 2020 , 6, 2251-2262	3.2	3
11	Trend analysis of evapotranspiration applying parametric and non-parametric techniques (case study: arid regions of southern Iran). <i>Sustainable Water Resources Management</i> , 2019 , 5, 1981-1994	1.9	3
10	Evaluation of sediment yield (Qs) in Bishezard watershed located southwest of Iran, using PSIAC and MPSIAC models. <i>International Journal of Global Environmental Issues</i> , 2019 , 18, 1	0.8	3
9	Optimal location of yield with the cheapest water footprint of the crop using multiple regression and artificial neural network models in GIS. <i>Theoretical and Applied Climatology</i> , 2021 , 143, 701-712	3	3
8	Determination of the most important meteorological parameters affecting the yield and biomass of barley and winter wheat using the random forest algorithm. <i>Paddy and Water Environment</i> , 2021 , 19, 199-216	1.6	3
7	Using the Fuzzy Clustering and Principle Component Analysis for Assessing the Impact of Potential Evapotranspiration Calculation Method On the Modified RDI Index. <i>Water Resources Management</i> , 2021 , 35, 3679-3702	3.7	2
6	Assessment of risk of non-cancer disease in contaminated plant (<i>Ocimum basilicum</i> L.) and soil. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 56164-56174	5.1	1
5	Influence of human activities on meteorological drought and its trends in Iran. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	1
4	Assessing the Influence of PET Calculation Method on the Characteristics of UNEP Aridity Index Under Different Climatic Conditions throughout Iran. <i>Pure and Applied Geophysics</i> , 2021 , 178, 3179-3205 ^{2.2}	2.2	1

- 3 Spatiotemporal investigation of drought pattern in Iran via statistical analysis and GIS technique. *Theoretical and Applied Climatology*, **2021**, 143, 1113-1128 3 ○
- 2 Investigating the effects of climate change, drought, and agricultural sector policies on the trend of the water poverty index in Iran. *Journal of Water Supply: Research and Technology - AQUA*, **2022**, 71, 433-449 ○
- 1 Rainfall variability and trends in arid and semi arid Iran, using Mann-Kendall test. *International Journal of Hydrology Science and Technology*, **2016**, 6, 285 1.5