abdol Rassoul zarei

List of Publications by Year
in descending order

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		430442	552369
43	803	18	26
papers	citations	h-index	g-index

44	44	44	514
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	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. Science of the Total Environment, 2019, 661, 711-722.	3.9	55
2	Analysis of Changes in Spatial Pattern of Drought Using RDI Index in south of Iran. Water Resources Management, 2016, 30, 3723-3743.	1.9	50
3	Modeling, prediction and trend assessment of drought in Iran using standardized precipitation index. Journal of Water and Climate Change, 2019, 10, 181-196.	1.2	48
4	Modified version for SPEI to evaluate and modeling the agricultural drought severity. International Journal of Biometeorology, 2019, 63, 911-925.	1.3	44
5	Temporal and spatial assessment of groundwater contamination with nitrate by nitrate pollution index (NPI) and GIS (case study: Fasarud Plain, southern Iran). Environmental Geochemistry and Health, 2020, 42, 3119-3130.	1.8	44
6	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. Geoderma, 2021, 403, 115379.	2.3	39
7	Evaluation of changes in RDIst index effected by different Potential Evapotranspiration calculation methods. Water Resources Management, 2017, 31, 4981-4999.	1.9	36
8	Accuracy Assessment of the SPEI, RDI and SPI Drought Indices in Regions of Iran with Different Climate Conditions. Pure and Applied Geophysics, 2021, 178, 1387-1403.	0.8	36
9	Evaluation of Drought Condition in Arid and Semi- Arid Regions, Using RDI Index. Water Resources Management, 2018, 32, 1689-1711.	1.9	34
10	Landslide Susceptibility Mapping Using Fuzzy-AHP. Geotechnical and Geological Engineering, 2018, 36, 3931-3943.	0.8	32
11	Parametric and Non-Parametric Trend of Drought in Arid and Semi-Arid Regions Using RDI Index. Water Resources Management, 2016, 30, 5479-5500.	1.9	31
12	Seasonal drought forecasting in arid regions, using different time series models and RDI index. Journal of Water and Climate Change, 2020, 11, 633-654.	1.2	29
13	Evaluating Performance and Applicability of Several Drought Indices in Arid Regions. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 645-661.	1.3	29
14	Analysis of changes trend in spatial and temporal pattern of drought over south of Iran using standardized precipitation index (SPI). SN Applied Sciences, 2019, 1, 1.	1.5	28
15	Assessment of the effect of PET calculation method on the Standardized Precipitation Evapotranspiration Index (SPEI). Arabian Journal of Geosciences, 2020, 13, 1.	0.6	27
16	Sensitivity Assessment to the Occurrence of Different Types of Droughts Using GIS and AHP Techniques. Water Resources Management, 2021, 35, 3593-3615.	1.9	23
17	Comparison of reconnaissance drought index (RDI) and effective reconnaissance drought index (eRDI) to evaluate drought severity. Sustainable Water Resources Management, 2019, 5, 1345-1356.	1.0	21
18	Trend assessment of precipitation and drought index (SPI) using parametric and non-parametric trend analysis methods (case study: arid regions of southern Iran). International Journal of Hydrology Science and Technology, 2017, 7, 12.	0.2	19

#	ARTICLE	IF	CITATIONS
19	Investigating of the climatic parameters effectiveness rate on barley water requirement using the random forest algorithm, Bayesian multiple linear regression and cross-correlation function. Paddy and Water Environment, 2021, 19, 137-148.	1.0	18
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. Water Resources Management, 2020, 34, 2911-2931.	1.9	14
21	Investigating the ability of periodically correlated (PC) time series models to forecast the climate index. Stochastic Environmental Research and Risk Assessment, 2020, 34, 121-137.	1.9	13
22	Evaluation of the soil fertility for corn production (Zea Mays) using the multiple-criteria decision analysis (MCDA). Modeling Earth Systems and Environment, 2020, 6, 2251-2262.	1.9	12
23	Optimal location of yield with the cheapest water footprint of the crop using multiple regression and artificial neural network models in GIS. Theoretical and Applied Climatology, 2021, 143, 701-712.	1.3	11
24	Evaluation and Comparison of the Effectiveness Rate of the Various Meteorological Parameters on UNEP Aridity Index Using Backward Multiple Ridge Regression. Water Resources Management, 2021, 35, 159-177.	1.9	11
25	Assessing the Influence of PET Calculation Method on the Characteristics of UNEP Aridity Index Under Different Climatic Conditions throughout Iran. Pure and Applied Geophysics, 2021, 178, 3179-3205.	0.8	11
26	Susceptibility Assessment of Winter Wheat, Barley and Rapeseed to Drought Using Generalized Estimating Equations and Cross-Correlation Function. Environmental Processes, 2021, 8, 163-197.	1.7	9
27	Ability Assessment of the Stationary and Cyclostationary Time Series Models to Predict Drought Indices. Water Resources Management, 2020, 34, 5009-5029.	1.9	8
28	Influence of human activities on meteorological drought and its trends in Iran. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	8
29	Analysis of drought transitions using log-linear models in Iran. International Journal of Water, 2017, 11, 266.	0.1	7
30	Determination of the most important meteorological parameters affecting the yield and biomass of barley and winter wheat using the random forest algorithm. Paddy and Water Environment, 2021, 19, 199-216.	1.0	7
31	Using the Fuzzy Clustering and Principle Component Analysis for Assessing the Impact of Potential Evapotranspiration Calculation Method On the Modified RDI Index. Water Resources Management, 2021, 35, 3679-3702.	1.9	7
32	Prioritization of the effectiveness rate of various climatic variables on the annual yield of rain-fed winter wheat using different statistical models. Stochastic Environmental Research and Risk Assessment, 2020, 34, 611-625.	1.9	6
33	Spatiotemporal investigation of drought pattern in Iran via statistical analysis and GIS technique. Theoretical and Applied Climatology, 2021, 143, 1113-1128.	1.3	6
34	Trend analysis of evapotranspiration applying parametric and non-parametric techniques (case study:) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	5
35	Evaluation of sediment yield (Q<SUB align="right">s) in Bishezard watershed located southwest of Iran, using PSIAC and MPSIAC models. International Journal of Global Environmental Issues, 2019, 18, 1.	0.1	5
36	Trend assessment of precipitation and drought index (SPI) using parametric and non-parametric trend analysis methods (case study: arid regions of southern Iran). International Journal of Hydrology Science and Technology, 2017, 7, 12.	0.2	5

#	ARTICLE	IF	CITATIONS
37	Assessing the Importance of Climate Variables on RDI and SPEI Using Backward Multiple Linear Regression in Arid to Humid Regions Over Iran. Pure and Applied Geophysics, 2022, 179, 2905-2921.	0.8	5
38	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.	0.6	4
39	The performance of fuzzy regression method for estimating of reference evapotranspiration under controlled environment. International Journal of Hydrology Science and Technology, 2019, 9, 28.	0.2	3
40	Assessment of risk of non-cancer disease in contaminated plant (Ocimum basilicum L.) and soil. Environmental Science and Pollution Research, 2021, 28, 56164-56174.	2.7	2
41	Analysis of drought transitions using log-linear models in Iran. International Journal of Water, 2017, 11, 266.	0.1	1
42	Rainfall variability and trends in arid and semi arid Iran, using Mann-Kendall test. International Journal of Hydrology Science and Technology, 2016, 6, 285.	0.2	0
43	Evaluation of sediment yield (Q<SUB align="right">s) in Bishezard watershed located southwest of Iran, using PSIAC and MPSIAC models. International Journal of Global Environmental Issues, 2019, 18, 1.	0.1	0