Ommolbanin Bazrafshan

List of Publications by Year
in descending order

23 papers	335 citations	840776 11 h-index	888059 17 g-index
23 all docs	23 docs citations	23 times ranked	187 citing authors

#	Article	IF	Citations
1	Virtual water trade and water footprint accounting of Saffron production in Iran. Agricultural Water Management, 2019, 213, 368-374.	5.6	44
2	Predicting crop yields using a new robust Bayesian averaging model based on multiple hybrid ANFIS and MLP models. Ain Shams Engineering Journal, 2022, 13, 101724.	6.1	38
3	Improving water management in date palms using economic value of water footprint and virtual water trade concepts in Iran. Agricultural Water Management, 2020, 229, 105941.	5.6	35
4	Gully Erosion Susceptibility Assessment in the Kondoran Watershed Using Machine Learning Algorithms and the Boruta Feature Selection. Sustainability, 2021, 13, 10110.	3.2	22
5	Impact of climate change on net primary production (NPP) in south Iran. Environmental Monitoring and Assessment, 2020, 192, 409.	2.7	20
6	Regional risk analysis and derivation of copula-based drought for severity-duration curve in arid and semi-arid regions. Theoretical and Applied Climatology, 2020, 141, 889-905.	2.8	19
7	Assessment of citrus water footprint components and impact of climatic and non-climatic factors on them. Scientia Horticulturae, 2019, 250, 344-351.	3.6	17
8	A copula€based index for drought analysis in arid and semi€arid regions of Iran. Natural Resource Modelling, 2020, 33, .	2.0	17
9	Spatial modeling of land subsidence using machine learning models and statistical methods. Environmental Science and Pollution Research, 2022, 29, 28866-28883.	5.3	17
10	Hydro-meteorological drought risk assessment using linear and nonlinear multivariate methods. Physics and Chemistry of the Earth, 2021, 123, 103046.	2.9	15
11	Forecasting of SPI and SRI Using Multiplicative ARIMA under Climate Variability in a Mediterranean Region: Wadi Ouahrane Basin, Algeria. Climate, 2022, 10, 36.	2.8	14
12	A copula-based joint meteorological€"hydrological drought index in a humid region (Kasilian basin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	13
13	Application of data-driven methods to predict the sodium adsorption rate (SAR) in different climates in Iran. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	13
14	Meteorological and Hydrological Drought Risk Assessment Using Multi-Dimensional Copulas in the Wadi Ouahrane Basin in Algeria. Water (Switzerland), 2022, 14, 653.	2.7	13
15	Three-dimensional risk analysis of hydro-meteorological drought using multivariate nonlinear index. Theoretical and Applied Climatology, 2020, 142, 1311-1327.	2.8	12
16	Application of water footprint, virtual water trade and water footprint economic value of citrus fruit productions in Hormozgan Province, Iran. Sustainable Water Resources Management, 2020, 6, 1.	2.1	7
17	Modeling monthly rainfall data using zero-adjusted models in the semi-arid, arid and extra-arid regions. Meteorology and Atmospheric Physics, 2020, 132, 239-253.	2.0	6
18	The Impacts of Climate Change on Maximum Daily Discharge in the Payab Jamash Watershed, Iran. Open Geosciences, 2019, 11, 1035-1045.	1.7	3

#	Article	IF	Citations
19	Assessing hydrologic drought risk using multi-dimensional copulas: case study in Karkheh River basin. Environmental Earth Sciences, 2021, 80, 1.	2.7	3
20	Assessment of Hydro-meteorological Drought Effects on Groundwater Resources in Hormozgan Region-South of Iran. Ecopersia, 2016, 4, 1569-1584.	0.1	3
21	Spatial prioritization of tomato cultivation based on water footprint, land productivity, and economic indices. Irrigation and Drainage, 2022, 71, 1363-1378.	1.7	3
22	Water Footprint of Fruits in Arid and Semi-arid Regions. Environmental Footprints and Eco-design of Products and Processes, 2022, , 1-26.	1.1	1
23	Water demand management for date palm orchards: the use of water pricing policy. Sustainable Water Resources Management, 2021, 7, 1.	2.1	0