Safar Marofi

List of Publications by Year
in descending order

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36 papers	1,418 citations	567247 15 h-index	361001 35 g-index
36 all docs	36 docs citations	36 times ranked	1680 citing authors

#	Article	IF	Citations
1	Trend analysis of reference evapotranspiration in the western half of Iran. Agricultural and Forest Meteorology, 2011, 151, 128-136.	4.8	332
2	Trend Analysis in Reference Evapotranspiration Using Mann-Kendall and Spearmanâ€™s Rho Tests in Arid Regions of Iran. Water Resources Management, 2012, 26, 211-224.	3.9	288
3	Changes of Pan Evaporation in the West of Iran. Water Resources Management, 2011, 25, 97-111.	3.9	135
4	Estimation of daily pan evaporation using artificial neural network and multivariate non-linear regression. Irrigation Science, 2010, 28, 399-406.	2.8	129
5	Long-term variations of water quality parameters in the Maroon River, Iran. Environmental Monitoring and Assessment, 2011, 177, 273-287.	2.7	74
6	Performance Evaluation of ANN and ANFIS Models for Estimating Garlic Crop Evapotranspiration. Journal of Irrigation and Drainage Engineering - ASCE, 2011, 137, 280-286.	1.0	50
7	Ecological and health risks of soil and grape heavy metals in long-term fertilized vineyards (Chaharmahal and Bakhtiari province of Iran). Environmental Geochemistry and Health, 2020, 42, 27-43.	3.4	47
8	Assessment of landfill leachate in semi-arid climate and its impact on the groundwater quality case study: Hamedan, Iran. Environmental Monitoring and Assessment, 2019, 191, 109.	2.7	42
9	Predicting Spatial Distribution of Snow Water Equivalent Using Multivariate Non-linear Regression and Computational Intelligence Methods. Water Resources Management, 2011, 25, 1417-1435.	3.9	34
10	An Improved Estimation of the Angstromâ€“Prescott Radiation Coefficients for the FAO56 Penmanâ€“Monteith Evapotranspiration Method. Water Resources Management, 2013, 27, 2839-2854.	3.9	26
11	Using System Dynamics Method to Determine the Effect of Water Demand Priorities on Downstream Flow. Water Resources Management, 2014, 28, 5055-5072.	3.9	20
12	Investigation of meteorological extreme events over coastal regions of Iran. Theoretical and Applied Climatology, 2011, 103, 401-412.	2.8	19
13	Removal of Cr3+ ion from aqueous solutions using MgO and montmorillonite nanoparticles. Environmental Earth Sciences, 2019, 78, 1.	2.7	18
14	A robust multi-objective bargaining methodology for inter-basin water resource allocation: a case study. Environmental Science and Pollution Research, 2018, 25, 2726-2737.	5.3	17
15	A multi-objective simulationâ€“optimization approach for water resource planning of reservoirâ€“river systems based on a coupled quantityâ€“quality model. Environmental Earth Sciences, 2021, 80, 1.	2.7	17
16	Watershed-wide trend analysis of temperature characteristics in Karun-Dez watershed, southwestern Iran. Theoretical and Applied Climatology, 2012, 110, 311-320.	2.8	16
17	Effect of wastewater and compost on leaching nutrients of soil column under basil cultivation. Agricultural Water Management, 2015, 158, 266-276.	5.6	16
18	Eco-Friendly Estimation of Heavy Metal Contents in Grapevine Foliage Using In-Field Hyperspectral Data and Multivariate Analysis. Remote Sensing, 2019, 11, 2731.	4.0	15

#	Article	IF	Citations
19	Calibration of the AngstrÃ¶m-Prescott solar radiation model for accurate estimation of reference evapotranspiration in the absence of observed solar radiation. Theoretical and Applied Climatology, 2015, 119, 43-54.	2.8	14
20	Scenario-based discrimination of common grapevine varieties using in-field hyperspectral data in the western of Iran. International Journal of Applied Earth Observation and Geoinformation, 2019, 80, 26-37.	2.8	14
21	A Multi-GCM Assessment of the Climate Change Impact on the Hydrology and Hydropower Potential of a Semi-Arid Basin (A Case Study of the Dez Dam Basin, Iran). Water (Switzerland), 2018, 10, 1458.	2.7	13
22	Transboundary Basins Need More Attention: Anthropogenic Impacts on Land Cover Changes in Aras River Basin, Monitoring and Prediction. Remote Sensing, 2020, 12, 3329.	4.0	13
23	Uncertainty Analysis of Reservoir Operation Based on Stochastic Optimization Approach Using the Generalized Likelihood Uncertainty Estimation Method. Water Resources Management, 2021, 35, 3179-3201.	3.9	12
24	Numerical Model and Computational Intelligence Approaches for Estimating Flow through Rockfill Dam. Journal of Hydrologic Engineering - ASCE, 2012, 17, 528-536.	1.9	11
25	Topography and Land Cover Effects on Snow Water Equivalent Estimation Using AMSR-E and GLDAS Data. Water Resources Management, 2019, 33, 1699-1715.	3.9	8
26	Assessment of groundwater corrosivity in Hamedan Province, Iran using an adaptive neuro-fuzzy inference system (ANFIS). Geosciences Journal, 2011, 15, 433-439.	1.2	5
27	Modeling of Daily Rainfall Extremes, Using a Semi-Parametric Pareto Tail Approach. Water Resources Management, 2019, 33, 493-508.	3.9	5
28	Simulation of river discharge in ungauged catchments by forcing GLDAS products to a hydrological model (a case study: Polroud basin, Iran). Water Science and Technology: Water Supply, 2020, 20, 277-286.	2.1	5
29	Potential use of grapevine cv Askari for heavy metal phytoremediation purposes at greenhouse scale. Environmental Science and Pollution Research, 2021, 28, 12447-12458.	5.3	5
30	Optimal Spectral Wavelengths for Discriminating Orchard Species Using Multivariate Statistical Techniques. Remote Sensing, 2020, 12, 63.	4.0	4
31	An integrated fuzzy optimization and simulation method for optimal quality-quantity operation of a reservoir-river system. Water Science and Technology: Water Supply, 2022, 22, 4207-4229.	2.1	4
32	Evaluation of statistical distributions to analyze the pollution of Cd and Pb in urban runoff. Water Science and Technology, 2017, 75, 2072-2082.	2.5	3
33	Seasonal variations of polycyclic aromatic hydrocarbons in coastal sediments of a marine resource hot spot: the case of pars special economic energy zone, Iran. Environmental Geochemistry and Health, 2021, 43, 3897-3919.	3.4	3
34	HEAVY METAL CONCENTRATION IN POTATO AND IN THE SOIL VIA DRAINAGE WATER IRRIGATED WITH WASTEWATER. Irrigation and Drainage, 2014, 63, 682-691.	1.7	2
35	Optimizing cropping pattern to improve the performance of irrigation network using system dynamicsâ€"Powell algorithm. Environmental Science and Pollution Research, 2022, , 1.	5.3	2
36	The role of domestic wells on Hamadan water supply contamination. Journal of Water Supply: Research and Technology - AQUA, 2008, 57, 599-605.	1.4	0