Safar Marofi

List of Publications by Year in Descending Order

35 papers	1,010 citations	13 h-index	31 g-index
36 ext. papers	1,187 ext. citations	3.5 avg, IF	4.59 L-index

#	Paper	IF	Citations
35	Optimizing cropping pattern to improve the performance of irrigation network using system dynamics-Powell algorithm.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
34	A multi-objective simulation–optimization approach for water resource planning of reservoir–river systems based on a coupled quantity–quality model. *Environmental Earth Sciences*, **2021**, 80, 1	2.9	4
33	Potential use of grapevine cv Askari for heavy metal phytoremediation purposes at greenhouse scale. *Environmental Science and Pollution Research*, **2021**, 28, 12447-12458	5.1	3
32	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	4.7	0
31	Uncertainty Analysis of Reservoir Operation Based on Stochastic Optimization Approach Using the Generalized Likelihood Uncertainty Estimation Method. *Water Resources Management*, **2021**, 35, 3179-3201	3.7	1
30	Optimal Spectral Wavelengths for Discriminating Orchard Species Using Multivariate Statistical Techniques. *Remote Sensing*, **2020**, 12, 63	5	1
29	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	1.4	2
28	Transboundary Basins Need More Attention: Anthropogenic Impacts on Land Cover Changes in Aras River Basin, Monitoring and Prediction. *Remote Sensing*, **2020**, 12, 3329	5	6
27	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	4.7	27
26	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	3.1	22
25	Removal of Cr3+ ion from aqueous solutions using MgO and montmorillonite nanoparticles. *Environmental Earth Sciences*, **2019**, 78, 1	2.9	8
24	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	7.3	9
23	Eco-Friendly Estimation of Heavy Metal Contents in Grapevine Foliage Using In-Field Hyperspectral Data and Multivariate Analysis. *Remote Sensing*, **2019**, 11, 2731	5	9
22	Topography and Land Cover Effects on Snow Water Equivalent Estimation Using AMSR-E and GLDAS Data. *Water Resources Management*, **2019**, 33, 1699-1715	3.7	5
21	Modeling of Daily Rainfall Extremes, Using a Semi-Parametric Pareto Tail Approach. *Water Resources Management*, **2019**, 33, 493-508	3.7	4
20	A robust multi-objective bargaining methodology for inter-basin water resource allocation: a case study. *Environmental Science and Pollution Research*, **2018**, 25, 2726-2737	5.1	13
19	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	3	3

18	Evaluation of statistical distributions to analyze the pollution of Cd and Pb in urban runoff. *Water Science and Technology*, **2017**, 75, 2072-2082	2.2	3
17	Calibration of the Angstrm-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	3	8
16	Effect of wastewater and compost on leaching nutrients of soil column under basil cultivation. *Agricultural Water Management*, **2015**, 158, 266-276	5.9	10
15	Using System Dynamics Method to Determine the Effect of Water Demand Priorities on Downstream Flow. *Water Resources Management*, **2014**, 28, 5055-5072	3.7	18
14	HEAVY METAL CONCENTRATION IN POTATO AND IN THE SOIL VIA DRAINAGE WATER IRRIGATED WITH WASTEWATER. *Irrigation and Drainage*, **2014**, 63, 682-691	1.1	1
13	An Improved Estimation of the AngstromPrescott Radiation Coefficients for the FAO56 PenmanMonteith Evapotranspiration Method. *Water Resources Management*, **2013**, 27, 2839-2854	3.7	20
12	Trend Analysis in Reference Evapotranspiration Using Mann-Kendall and Spearmans Rho Tests in Arid Regions of Iran. *Water Resources Management*, **2012**, 26, 211-224	3.7	203
11	Watershed-wide trend analysis of temperature characteristics in Karun-Dez watershed, southwestern Iran. *Theoretical and Applied Climatology*, **2012**, 110, 311-320	3	13
10	Numerical Model and Computational Intelligence Approaches for Estimating Flow through Rockfill Dam. *Journal of Hydrologic Engineering - ASCE*, **2012**, 17, 528-536	1.8	11
9	Trend analysis of reference evapotranspiration in the western half of Iran. *Agricultural and Forest Meteorology*, **2011**, 151, 128-136	5.8	255
8	Assessment of groundwater corrosivity in Hamedan Province, Iran using an adaptive neuro-fuzzy inference system (ANFIS). *Geosciences Journal*, **2011**, 15, 433-439	1.4	4
7	Long-term variations of water quality parameters in the Maroon River, Iran. *Environmental Monitoring and Assessment*, **2011**, 177, 273-87	3.1	59
6	Changes of Pan Evaporation in the West of Iran. *Water Resources Management*, **2011**, 25, 97-111	3.7	101
5	Predicting Spatial Distribution of Snow Water Equivalent Using Multivariate Non-linear Regression and Computational Intelligence Methods. *Water Resources Management*, **2011**, 25, 1417-1435	3.7	31
4	Investigation of meteorological extreme events over coastal regions of Iran. *Theoretical and Applied Climatology*, **2011**, 103, 401-412	3	17
3	Performance Evaluation of ANN and ANFIS Models for Estimating Garlic Crop Evapotranspiration. *Journal of Irrigation and Drainage Engineering - ASCE*, **2011**, 137, 280-286	1.1	27
2	Estimation of daily pan evaporation using artificial neural network and multivariate non-linear regression. *Irrigation Science*, **2010**, 28, 399-406	3.1	111
1	The role of domestic wells on Hamadan water supply contamination **2008**, 57, 599-605		