Hamid Zare Abyaneh

List of Publications by Year
in descending order

17 papers	444 citations	1039880 9 h-index	887953 17 g-index
18 all docs	18 docs citations	18 times ranked	544 citing authors

#	Article	IF	Citations
1	Evaluation of multivariate linear regression and artificial neural networks in prediction of water quality parameters. Journal of Environmental Health Science & Engineering, 2014, 12, 40.	1.4	122
2	A comparative analysis among computational intelligence techniques for dissolved oxygen prediction in Delaware River. Geoscience Frontiers, 2017, 8, 517-527.	4.3	95
3	Predicting Spatial Distribution of Snow Water Equivalent Using Multivariate Non-linear Regression and Computational Intelligence Methods. Water Resources Management, 2011, 25, 1417-1435.	1.9	34
4	Effect of regulated deficit irrigation, partial root drying and N-fertilizer levels on sugar beet crop (Beta vulgaris L.). Agricultural Water Management, 2017, 194, 13-23.	2.4	34
5	Soil temperature estimation using an artificial neural network and co-active neuro-fuzzy inference system in two different climates. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	30
6	IoT-Based Sensor Data Fusion for Determining Optimality Degrees of Microclimate Parameters in Commercial Greenhouse Production of Tomato. Sensors, 2020, 20, 6474.	2.1	21
7	Prediction capability of different soil water retention curve models using artificial neural networks. Archives of Agronomy and Soil Science, 2014, 60, 859-879.	1.3	20
8	Investigation of meteorological extreme events over coastal regions of Iran. Theoretical and Applied Climatology, 2011, 103, 401-412.	1.3	19
9	Quantifying Changes in Reconnaissance Drought Index using Equiprobability Transformation Function. Water Resources Management, 2015, 29, 2451-2469.	1.9	14
10	Modeling the transport of nitrate and natural multi-sized colloids in natural soil and soil amended with vermicompost. Geoderma, 2019, 354, 113889.	2.3	9
11	Nutrient and colloid leaching from un-amended versus vermicompost-amended soil. Soil and Tillage Research, 2021, 213, 105092.	2.6	8
12	Assessing a Multivariate Approach Based on Scalogram Analysis for Agricultural Drought Monitoring. Water Resources Management, 2018, 32, 3423-3440.	1.9	6
13	Local strategies to manage groundwater depletion under climate change scenarios—a case study: Hamedan-Bahar Plain (Iran). Arabian Journal of Geosciences, 2021, 14, 1.	0.6	6
14	Modeling the effects of human influences on water quality and quantity in the Zarrineh River Basin, Iran. Journal of Hydro-Environment Research, 2022, 40, 51-63.	1.0	6
15	Assessment of groundwater corrosivity in Hamedan Province, Iran using an adaptive neuro-fuzzy inference system (ANFIS). Geosciences Journal, 2011, 15, 433-439.	0.6	5
16	Comparison and validation of artificial intelligent techniques to estimate intestinal broiler microflora. Neural Computing and Applications, 2013, 23, 61-66.	3.2	3
17	The Effect of a Superabsorbent and Biochar on Some Physical and Hydraulic Properties of Two Arable Sandy Loam and Clay Loam Soils. Journal of Soil Science and Plant Nutrition, 0, , 1.	1.7	2