Mohammad Shayannejad

List of Publications by Year
in descending order

27 papers	1,093 citations	758635 12 h-index	552369 26 g-index
27 all docs	27 docs citations	27 times ranked	573 citing authors

#	Article	IF	Citations
1	Simulation modeling of border irrigation performance under different soil texture classes and land uses. Modeling Earth Systems and Environment, 2022, 8, 1135-1144.	1.9	5
2	Modeling of Surface Flow and Infiltration During Surface Irrigation Advance Based on Numerical Solution of Saintâ€"Venant Equations Using Preissmann's Scheme. Pure and Applied Geophysics, 2022, 179, 1103-1113.	0.8	59
3	Evaluation of the potential of feedstock combinations and their biochars for soil amendment. Waste Management and Research, 2022, 40, 932-939.	2.2	4
4	Computation of subsurface drain spacing in the unsteady conditions using Artificial Neural Networks (ANN). Applied Water Science, 2021, 11, 1.	2.8	44
5	Quantity and quality modelling of groundwater to manage water resources in Isfahan-Borkhar Aquifer. Environment, Development and Sustainability, 2021, 23, 15943-15959.	2.7	128
6	Improving the quality of stabilization pond effluents using hybrid constructed wetlands. Science of the Total Environment, 2021, 801, 149615.	3.9	8
7	Biochar, manure, and super absorbent increased wheat yields and salt redistribution in a salineâ€"sodic soil. Agronomy Journal, 2020, 112, 5193-5205.	0.9	11
8	Experimental study and numerical simulation of soil water and salt transport under dry drainage conditions. Environmental Earth Sciences, 2020, 79, 1.	1.3	3
9	Effect of Climate Change on Precipitation Patterns in an Arid Region Using GCM Models: Case Study of Isfahan-Borkhar Plain. Natural Hazards Review, 2020, 21, .	0.8	112
10	Impermanent changes investigation of shape factors of the volumetric balance model for water development in surface irrigation. Modeling Earth Systems and Environment, 2020, 6, 1573-1580.	1.9	51
11	Reliable, Resilient, and Sustainable Water Management in Different Water Use Sectors. Water Conservation Science and Engineering, 2019, 4, 133-148.	0.9	12
12	ASSESSMENT OF SOLUTE TRANSPORT AND DISTRIBUTION UNDER DRY DRAINAGE CONDITIONS USING A PHYSICAL MODEL. Irrigation and Drainage, 2019, 68, 797-807.	0.8	3
13	Effect of Initial Soil Water Content on Output Parameters of Sirmod Software Under Types of Different Irrigation Management. Irrigation and Drainage, 2019, 68, 740-752.	0.8	9
14	Effect of management strategies on reducing negative impacts of climate change on water resources of the Isfahanâ€"Borkhar aquifer using MODFLOW. River Research and Applications, 2019, 35, 611-631.	0.7	121
15	Composts Containing Natural and Mgâ€"Modified Zeolite: The Effect on Nitrate Leaching, Drainage Water, and Yield. Clean - Soil, Air, Water, 2019, 47, 1800257.	0.7	7
16	Soil physical and chemical properties and drain water quality as affected by irrigation and leaching managements. Soil Science and Plant Nutrition, 2019, 65, 321-331.	0.8	9
17	Daily and Seasonal Pistachio Evapotranspiration in Saline Condition: Comparison of Satellite-Based and Ground-Based Results. Journal of the Indian Society of Remote Sensing, 2019, 47, 777-787.	1.2	0
18	Determination of the height of the vertical filter for heterogeneous Earth dams with vertical clay core. International Journal of Hydrology Science and Technology, 2019, 9, 221.	0.2	36

#	Article	IF	Citations
19	Determination of the height of the vertical filter for heterogeneous Earth dams with vertical clay core. International Journal of Hydrology Science and Technology, 2019, 9, 221.	0.2	6
20	Surface irrigation simulation-optimization model based on meta-heuristic algorithms. Agricultural Water Management, 2018, 201, 46-57.	2.4	36
21	Development of HADIS Algorithm for Deficit Irrigation Scheduling. Irrigation and Drainage, 2018, 67, 345-353.	0.8	2
22	Comparison of solutions of Saint-Venant equations by characteristics and finite difference methods for unsteady flow analysis in open channel. International Journal of Hydrology Science and Technology, 2018, 8, 229.	0.2	46
23	Comparison of solutions of Saint-Venant equations by characteristics and finite difference methods for unsteady flow analysis in open channel. International Journal of Hydrology Science and Technology, 2018, 8, 229.	0.2	10
24	Artificial neural network for modeling nitrate pollution of groundwater in marginal area of Zayandeh-rood River, Isfahan, Iran. KSCE Journal of Civil Engineering, 2017, 21, 134-140.	0.9	296
25	Development of an innovative integrated model for the simulation of nitrogen dynamics in farmlands with drainage systems using the system dynamics approach. Ecological Modelling, 2017, 347, 11-28.	1.2	19
26	Development of a new method for determination of infiltration coefficients in furrow irrigation with natural non-uniformity of slope. Sustainable Water Resources Management, 2017, 3, 163-169.	1.0	55
27	Salt Tolerance Analysis of Crops using the SWAP Model. Biosciences, Biotechnology Research Asia, 2017, 14, 643-649.	0.2	1