

Mohammad Albaji

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

265
citations

1040056

9
h-index

996975

15
g-index

30
all docs

30
docs citations

30
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of deficit irrigation on yield and yield components of greenhouse tomato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.6	35
2	Effect of regulated deficit irrigation, partial root drying and N-fertilizer levels on sugar beet crop (<i>Beta vulgaris</i> L.). <i>Agricultural Water Management</i> , 2017, 194, 13-23.	5.6	34
3	Prediction of water quality parameters using machine learning models: a case study of the Karun River, Iran. <i>Environmental Science and Pollution Research</i> , 2021, 28, 57060-57072.	5.3	26
4	Combination of GIS and AHP for site selection of pressurized irrigation systems in the Izeh plain, Iran. <i>Agricultural Water Management</i> , 2020, 231, 106004.	5.6	24
5	Comparison of different irrigation methods based on the parametric evaluation approach in Dosalegh plain: Iran. <i>Agricultural Water Management</i> , 2010, 97, 1093-1098.	5.6	22
6	Investigation of surface, sprinkler and drip irrigation methods based on the parametric evaluation approach in Jaizan Plain. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2015, 14, 1-10.	1.9	15
7	Comparison of different irrigation methods based on the parametric evaluation approach in the plain West of Shush, Iran. <i>Irrigation and Drainage</i> , 2010, 59, 547-558.	1.7	13
8	Comparison of Different Irrigation Methods Based on the Parametric Evaluation Approach in Abbas Plain: Iran. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2010, 136, 131-136.	1.0	13
9	Effects of hydroponic systems on yield, water productivity and stomatal gas exchange of greenhouse tomato cultivars. <i>Agricultural Water Management</i> , 2021, 258, 107171.	5.6	13
10	Investigation of different irrigation systems based on the parametric evaluation approach on the Dasht Bozorg Plain. <i>Transactions of the Royal Society of South Africa</i> , 2011, 66, 163-169.	1.1	9
11	Effects of wheat row spacing layout and drip tape spacing on yield and water productivity in sandy clay loam soil in a semi-arid region. <i>Agricultural Water Management</i> , 2021, 251, 106868.	5.6	9
12	Investigating the Suitability of Lands for Surface and Under-Pressure (Drip and Sprinkler) Irrigation in Miheh Plain. <i>Research Journal of Environmental Sciences</i> , 2012, 6, 51-61.	0.5	8
13	Assessing agricultural land suitability in the Fakkeh region, Iran. <i>Outlook on Agriculture</i> , 2017, 46, 57-65.	3.4	7
14	Site Selection of Different Irrigation Systems Using an Analytical Hierarchy Process Integrated with GIS in a Semi-Arid Region. <i>Water Resources Management</i> , 2019, 33, 4955-4967.	3.9	7
15	Land suitability evaluation for surface, sprinkler and drip irrigation systems. <i>Transactions of the Royal Society of South Africa</i> , 2014, 69, 63-73.	1.1	3
16	An Introduction to the Ancient Irrigation Structures Upon Karun River in Shushtar City, Iran. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2021, 45, 815-831.	1.9	3
17	Effect of irrigation type and interval on soil salinity in clay soils in Ahvaz, Iran. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	3
18	Assessment of different irrigation systems in Albaji Plain. <i>Water Science and Technology: Water Supply</i> , 2014, 14, 778-786.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Calibration of Gypsum Blocks for Measuring Saline Soils Moisture. Communications in Soil Science and Plant Analysis, 2016, 47, 2528-2537.	1.4	2
20	Selecting wastewater sites using analytical hierarchy and geographic information system. Proceedings of the Institution of Civil Engineers: Municipal Engineer, 2017, , 1-7.	0.7	2
21	Simulation of quinoa (<i>Chenopodium quinoa</i>) yield and soil salinity under salinity and water stress using the SALTMED model. Communications in Soil Science and Plant Analysis, 2020, 51, 2361-2376.	1.4	2
22	Modelling water scarcity for policy adaptation to future droughts under various stresses (case) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62.	0.5	1
23	Determination of water erosion in Kowsar catchment area and evaluation of Gabion structures in its control. Environmental Earth Sciences, 2020, 79, 1.	2.7	1
24	Evaluating evapotranspiration using data mining instead of physical-based model in remote sensing. Theoretical and Applied Climatology, 2022, 147, 701-716.	2.8	1
25	Using Modified Clinoptilolite Zeolite to Remove Pollutants and Salt from Agricultural Drainage Water in a Model Drainage System. International Journal of Environmental Research, 2021, 15, 859-873.	2.3	0
26	Study on the efficiency and energy consumption of electric and diesel pumping stations. Proceedings of Institution of Civil Engineers: Energy, 0, , 1-10.	0.6	0
27	A comparison of the effect of magnetic drip irrigation and conventional irrigation with different salinity levels on the yield and yield components of sunflower (<i>Helianthus annuus</i> L.). Arabian Journal of Geosciences, 2022, 15, .	1.3	0
28	Effectiveness of cyclic irrigation on yield, yield components and water productivity. Water Management, 2024, 177, 1-11.	1.2	0