

osama

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

387
citations

840585

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31
docs citations

31
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Colored Shading Nets on the Growth and Water Use Efficiency of Sweet Pepper Grown under Semi-arid Conditions. HortTechnology, 2022, 32, 21-27.	0.5	5
2	Effect of hydrogel on corn growth, water use efficiency, and soil properties in a semi-arid region. Journal of the Saudi Society of Agricultural Sciences, 2022, 21, 518-524.	1.0	7
3	Assessment of the Effect of Irrigation with Treated Wastewater on Soil Properties and on the Performance of Infiltration Models. Water (Switzerland), 2022, 14, 1520.	1.2	1
4	Pyrolysis of domestic sewage sludge: influence of operational conditions on the product yields using factorial design. Heliyon, 2022, 8, e09418.	1.4	7
5	Bounding linear rainfall-runoff models with fractional derivatives applied to a barren catchment of the Jordan Rift Valley. Journal of Hydrology, 2021, 593, 125879.	2.3	5
6	Potential Use of Biochar as an Amendment to Improve Soil Fertility and Tomato and Bell Pepper Growth Performance Under Arid Conditions. Journal of Soil Science and Plant Nutrition, 2021, 21, 2946-2956.	1.7	11
7	Statistical analysis of flash flood events for designing water harvesting systems in an extremely arid environment. Hydrological Processes, 2021, 35, e14370.	1.1	1
8	Characterization and Artificial Neural Networks Modelling of methylene blue adsorption of biochar derived from agricultural residues: Effect of biomass type, pyrolysis temperature, particle size. Journal of Saudi Chemical Society, 2020, 24, 811-823.	2.4	44
9	Controlled Land Application of Olive Mill Wastewater (OMW): Enhance Soil Indices and Barley Growth Performance in Arid Environments. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	13
10	Prototype and model of solar driven desalination plant in arid environment. Thermal Science, 2020, 24, 903-914.	0.5	3
11	Nonlinear growth dynamics of date palms responding to environmental parameters. Food Research, 2020, 4, 60-63.	0.3	0
12	Effect of Olive Mill Wastewater (OMW) Application on Soil Properties and Wheat Growth Performance Under Rain-Fed Conditions. Water, Air, and Soil Pollution, 2019, 230, 1.	1.1	20
13	Time periodic optimal policy for operation of a water storage tank using the dynamic programming approach. Applied Mathematics and Computation, 2019, 353, 418-431.	1.4	5
14	Effects of Bentonite, Hydrogel and Biochar Amendments on Soil Hydraulic Properties from Saturation to Oven Dryness. Pedosphere, 2019, 29, 598-607.	2.1	33
15	A unique value function for an optimal control problem of irrigation water intake from a reservoir harvesting flash floods. Stochastic Environmental Research and Risk Assessment, 2018, 32, 3169-3182.	1.9	6
16	Comparing a Smartphone Irrigation Scheduling Application with Water Balance and Soil Moisture-based Irrigation Methods: Part I—Plasticulture-grown Tomato. HortTechnology, 2018, 28, 354-361.	0.5	6
17	Assessment the effect of homogenized soil on soil hydraulic properties and soil water transport. Eurasian Soil Science, 2017, 50, 1077-1085.	0.5	14
18	Field evaluation of deficit irrigation effects on tomato growth performance, water-use efficiency and control of parasitic nematode infection. South African Journal of Plant and Soil, 2016, 33, 125-132.	0.4	7

#	ARTICLE	IF	CITATIONS
19	Root-Knot Nematode (<i>Meloidogyne javanica</i>) – Deficit Irrigation Interactions on Eggplant Cropped under Open Field Conditions. <i>Journal of Horticultural Research</i> , 2016, 24, 73-78.	0.4	2
20	Greenhouse evaluation of deficit irrigation on the growth of tomato and eggplant and their interactions with <i>Meloidogyne javanica</i> . <i>South African Journal of Plant and Soil</i> , 2015, 32, 55-60.	0.4	7
21	Stochastic modelling and control of rainwater harvesting systems for irrigation during dry spells. <i>Journal of Cleaner Production</i> , 2015, 88, 185-195.	4.6	44
22	Effects of deficit irrigation on tomato and eggplant and their infection with the root-knot nematode under controlled environmental conditions. <i>Archives of Agronomy and Soil Science</i> , 2014, 60, 1091-1102.	1.3	10
23	Effect of irrigation with olive mill wastewater on soil hydraulic and solute transport properties. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 927-934.	1.8	43
24	Artificial neural network for estimating monthly reference evapotranspiration under arid and semi arid environments. <i>Archives of Agronomy and Soil Science</i> , 2013, 59, 105-117.	1.3	3
25	Comparison of Hargreaves and FAO56 equations for estimating monthly evapotranspiration for semi-arid and arid environments. <i>Archives of Agronomy and Soil Science</i> , 2012, 58, 321-334.	1.3	18
26	Effect of irrigation water qualities on <i>Leucaena leucocephala</i> germination and early growth stage. <i>International Journal of Environmental Science and Technology</i> , 2012, 9, 281-286.	1.8	3
27	Evaluation of evapotranspiration models for estimating daily reference evapotranspiration in arid and semiarid environments. <i>Plant, Soil and Environment</i> , 2011, 57, 145-152.	1.0	28
28	Effect of irrigation regimes on water use efficiency and tomato yield (<i>Lycopersicon esculentum</i> Mill.) grown in an arid environment. <i>Archives of Agronomy and Soil Science</i> , 2011, 57, 105-114.	1.3	11
29	Spatio-temporal Calibration of Blaney-Criddle Equation in Arid and Semiarid Environment. <i>Water Resources Management</i> , 2010, 24, 2187-2201.	1.9	22
30	Olive oil mineral content of two local genotypes as influenced by recycled effluent irrigation under arid environment. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 2082-2087.	1.7	3
31	Assessment of spatial variability of penetration resistance and hardpan characteristics in a cassava field. <i>Soil Research</i> , 2008, 46, 210.	0.6	5