

Gilboa Arye

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

358
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

556
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate and transport of carbamazepine in soil aquifer treatment (SAT) infiltration basin soils. <i>Chemosphere</i> , 2011, 82, 244-252.	8.2	58
2	Treated wastewater effects on water repellency and soil hydraulic properties of soil aquifer treatment infiltration basins. <i>Journal of Hydrology</i> , 2011, 397, 136-145.	5.4	44
3	Short-term Reestablishment of Soil Water Repellency after Wetting: Effect on Capillary Pressure-Saturation Relationship. <i>Soil Science Society of America Journal</i> , 2007, 71, 692-702.	2.2	42
4	Universality of a surface tension- θ contact-angle relation for hydrophobic soils of different texture. <i>Journal of Plant Nutrition and Soil Science</i> , 2006, 169, 745-753.	1.9	32
5	Long-term nitrogen behavior under treated wastewater infiltration basins in a soil-aquifer treatment (SAT) system. <i>Water Research</i> , 2018, 134, 192-199.	11.3	31
6	Enhanced infiltration regime for treated-wastewater purification in soil aquifer treatment (SAT). <i>Journal of Hydrology</i> , 2012, 420-421, 275-283.	5.4	30
7	Poultry litter hydrochar as an amendment for sandy soils. <i>Journal of Environmental Management</i> , 2020, 271, 110959.	7.8	26
8	Characterization of the biosolids composting process by hyperspectral analysis. <i>Waste Management</i> , 2016, 48, 106-114.	7.4	17
9	Increasing water productivity in arid regions using low-discharge drip irrigation: a case study on potato growth. <i>Irrigation Science</i> , 2017, 35, 287-295.	2.8	16
10	Greywater-induced soil hydrophobicity. <i>Chemosphere</i> , 2017, 184, 1012-1019.	8.2	13
11	Interplay between resident and infiltrating water: Estimates from transient water flow and solute transport. <i>Journal of Hydrology</i> , 2012, 458-459, 40-50.	5.4	12
12	Wetting properties of poultry litter and derived hydrochar. <i>PLoS ONE</i> , 2018, 13, e0206299.	2.5	9
13	Water and Nitrogen Productivity of Potato Growth in Desert Areas under Low-Discharge Drip Irrigation. <i>Water (Switzerland)</i> , 2018, 10, 970.	2.7	8
14	Spatial Distribution of Salinity and Sodicity in Arid Climate Following Long Term Brackish Water Drip Irrigated Olive Orchard. <i>Water (Switzerland)</i> , 2019, 11, 2556.	2.7	8
15	RECIPROCAL RELATION OF SURFACE TENSION AND DISSOLVED ORGANIC MATTER ORIGINATING FROM TOP SOIL LAYER LEACHATES. <i>Soil Science</i> , 2008, 173, 480-488.	0.9	5
16	Transport of <i>E. coli</i> D21g with runoff water under different solution chemistry conditions and surface slopes. <i>Journal of Hydrology</i> , 2015, 525, 760-768.	5.4	5
17	The role of lipids and polysaccharides in model root mucilage with implications for the surface activity of the rhizosphere. <i>Biologia (Poland)</i> , 2017, 72, 1285-1290.	1.5	2