

Gilboa Arye

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

358
citations

840776

11
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888059

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17
all docs

17
docs citations

17
times ranked

556
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Poultry litter hydrochar as an amendment for sandy soils. <i>Journal of Environmental Management</i> , 2020, 271, 110959. | 7.8 | 26 |
| 2 | 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 |
| 3 | 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 |
| 4 | Wetting properties of poultry litter and derived hydrochar. <i>PLoS ONE</i> , 2018, 13, e0206299. | 2.5 | 9 |
| 5 | 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 |
| 6 | 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 |
| 7 | Greywater-induced soil hydrophobicity. <i>Chemosphere</i> , 2017, 184, 1012-1019. | 8.2 | 13 |
| 8 | 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 |
| 9 | Characterization of the biosolids composting process by hyperspectral analysis. <i>Waste Management</i> , 2016, 48, 106-114. | 7.4 | 17 |
| 10 | 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 |
| 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 | 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 |
| 13 | 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 |
| 14 | Fate and transport of carbamazepine in soil aquifer treatment (SAT) infiltration basin soils. <i>Chemosphere</i> , 2011, 82, 244-252. | 8.2 | 58 |
| 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 | 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 |
| 17 | Universality of a surface tension- θ^2 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 |