

Ravid Rosenzweig

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

349
citations

1039880

9
h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

504
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Deposition of fractal-like soot aggregates in the human respiratory tract. <i>Journal of Aerosol Science</i> , 2011, 42, 372-386. | 1.8 | 76 |
| 2 | Water Retention Curves of Biofilm-Affected Soils using Xanthan as an Analogue. <i>Soil Science Society of America Journal</i> , 2012, 76, 61-69. | 1.2 | 58 |
| 3 | Biofilm effect on soil hydraulic properties: Experimental investigation using soil-grown real biofilm. <i>Water Resources Research</i> , 2016, 52, 5813-5828. | 1.7 | 54 |
| 4 | Oil spill effects on soil hydrophobicity and related properties in a hyper-arid region. <i>Geoderma</i> , 2018, 312, 114-120. | 2.3 | 48 |
| 5 | Modeling biofilm dynamics and hydraulic properties in variably saturated soils using a channel network model. <i>Water Resources Research</i> , 2014, 50, 5678-5697. | 1.7 | 31 |
| 6 | A Channel Network Model as a Framework for Characterizing Variably Saturated Flow in Biofilm-Affected Soils. <i>Vadose Zone Journal</i> , 2013, 12, 1-15. | 1.3 | 20 |
| 7 | The Influence of Biofilm Spatial Distribution Scenarios on Hydraulic Conductivity of Unsaturated Soils. <i>Vadose Zone Journal</i> , 2009, 8, 1080-1084. | 1.3 | 16 |
| 8 | The Role of Mixed Convection and Hydrodynamic Dispersion During CO ₂ Dissolution in Saline Aquifers: A Numerical Study. <i>Water Resources Research</i> , 2022, 58, . | 1.7 | 16 |
| 9 | The Role of Water Flow and Dispersive Fluxes in the Dissolution of CO ₂ in Deep Saline Aquifers. <i>Water Resources Research</i> , 2020, 56, e2020WR028184. | 1.7 | 13 |
| 10 | Tillage effect on hydrophobicity and hydrological properties of oil-contaminated sediments in a hyper-arid region. <i>Arid Land Research and Management</i> , 2020, 34, 26-35. | 0.6 | 9 |
| 11 | Reclamation of oil-induced soil hydrophobicity in the hyper-arid Evrona Nature Reserve, southern Israel. <i>Pedosphere</i> , 2021, 31, 892-902. | 2.1 | 5 |
| 12 | Uranium Retardation Capacity of Lithologies from the Negev Desert, Israel—Rock Characterization and Sorption Experiments. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 728. | 0.8 | 3 |
| 13 | The Use of Saline Aquifers as a Target for Deep Geologic CO ₂ Storage in Israel. <i>Springer Hydrogeology</i> , 2021, , 473-476. | 0.1 | 0 |