

Ravid Rosenzweig

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

349
citations

1039880

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h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

504
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	Oil spill effects on soil hydrophobicity and related properties in a hyper-arid region. <i>Geoderma</i> , 2018, 312, 114-120.	2.3	48
8	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
9	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
10	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
11	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
12	Deposition of fractal-like soot aggregates in the human respiratory tract. <i>Journal of Aerosol Science</i> , 2011, 42, 372-386.	1.8	76
13	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