

Yaniv Edery

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

564
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Origins of anomalous transport in heterogeneous media: Structural and dynamic controls. <i>Water Resources Research</i> , 2014, 50, 1490-1505.	4.2	128
2	Particle tracking model of bimolecular reactive transport in porous media. <i>Water Resources Research</i> , 2010, 46, .	4.2	73
3	Modeling bimolecular reactions and transport in porous media. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	70
4	Structural controls on anomalous transport in fractured porous rock. <i>Water Resources Research</i> , 2016, 52, 5634-5643.	4.2	31
5	Dissolution and precipitation dynamics during dedolomitization. <i>Water Resources Research</i> , 2011, 47, .	4.2	30
6	Surfactant Variations in Porous Media Localize Capillary Instabilities during Haines Jumps. <i>Physical Review Letters</i> , 2018, 120, 028005.	7.8	30
7	Comparative analysis of formulations for conservative transport in porous media through sensitivity-based parameter calibration. <i>Water Resources Research</i> , 2013, 49, 5206-5220.	4.2	29
8	Anomalous reactive transport in porous media: Experiments and modeling. <i>Physical Review E</i> , 2015, 91, 052130.	2.1	29
9	Reactive transport in disordered media: Role of fluctuations in interpretation of laboratory experiments. <i>Advances in Water Resources</i> , 2013, 51, 86-103.	3.8	23
10	Multimodel framework for characterization of transport in porous media. <i>Water Resources Research</i> , 2015, 51, 3384-3402.	4.2	22
11	Record-Breaking Statistics for Random Walks in the Presence of Measurement Error and Noise. <i>Physical Review Letters</i> , 2013, 110, 180602.	7.8	20
12	Characterization of Bimolecular Reactive Transport in Heterogeneous Porous Media. <i>Transport in Porous Media</i> , 2016, 115, 291-310.	2.6	18
13	Nickel migration and retention dynamics in natural soil columns. <i>Water Resources Research</i> , 2015, 51, 7702-7722.	4.2	14
14	Preferential pathways for fluid and solutes in heterogeneous groundwater systems: self-organization, entropy, work. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5337-5353.	4.9	12
15	Fickian and non-Fickian diffusion with bimolecular reactions. <i>Physical Review E</i> , 2013, 87, .	2.1	10
16	Record setting during dispersive transport in porous media. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	9
17	Visualization and analysis of nanoparticle transport and ageing in reactive porous media. <i>Journal of Hazardous Materials</i> , 2015, 299, 513-519.	12.4	8
18	The Effect of varying correlation lengths on Anomalous Transport. <i>Transport in Porous Media</i> , 2021, 137, 345-364.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Feedback mechanisms between precipitation and dissolution reactions across randomly heterogeneous conductivity fields. Hydrology and Earth System Sciences, 2021, 25, 5905-5915.	4.9	2