

Maria Pool

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

532
citations

840776

11
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
1	A multidisciplinary approach to characterizing coastal alluvial aquifers to improve understanding of seawater intrusion and submarine groundwater discharge. <i>Journal of Hydrology</i> , 2022, 607, 127510.	5.4	19
2	Subsurface Mixing Dynamics Across the Salt-Freshwater Interface. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	3
3	Heat Dissipation Test With Fiber-Optic Distributed Temperature Sensing to Estimate Groundwater Flux. <i>Water Resources Research</i> , 2021, 57, e2020WR027228.	4.2	23
4	Heterogeneity-Induced Mixing and Reaction Hot Spots Facilitate Karst Propagation in Coastal Aquifers. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087529.	4.0	7
5	Combining fiber optic DTS, cross-hole ERT and time-lapse induction logging to characterize and monitor a coastal aquifer. <i>Journal of Hydrology</i> , 2020, 588, 125050.	5.4	30
6	Effects of Heterogeneity, Connectivity, and Density Variations on Mixing and Chemical Reactions Under Temporally Fluctuating Flow Conditions and the Formation of Reaction Patterns. <i>Water Resources Research</i> , 2018, 54, 186-204.	4.2	18
7	Transient forcing effects on mixing of two fluids for a stable stratification. <i>Water Resources Research</i> , 2016, 52, 7178-7197.	4.2	8
8	Reply to comment by Behzad Ataie-Ashtiani on "Effects of tidal fluctuations on mixing and spreading in coastal aquifers: Homogeneous case". <i>Water Resources Research</i> , 2015, 51, 4859-4860.	4.2	2
9	A comparison of deterministic and stochastic approaches for regional scale inverse modeling on the Mar del Plata aquifer. <i>Journal of Hydrology</i> , 2015, 531, 214-229.	5.4	36
10	Effects of tidal fluctuations and spatial heterogeneity on mixing and spreading in spatially heterogeneous coastal aquifers. <i>Water Resources Research</i> , 2015, 51, 1570-1585.	4.2	72
11	Effects of tidal fluctuations on mixing and spreading in coastal aquifers: Homogeneous case. <i>Water Resources Research</i> , 2014, 50, 6910-6926.	4.2	45
12	Dynamics and design of systems for geological storage of dissolved CO ₂ . <i>Advances in Water Resources</i> , 2013, 62, 533-542.	3.8	27
13	A correction factor to account for mixing in Ghyben-Herzberg and critical pumping rate approximations of seawater intrusion in coastal aquifers. <i>Water Resources Research</i> , 2011, 47, .	4.2	93
14	Vertical average for modeling seawater intrusion. <i>Water Resources Research</i> , 2011, 47, .	4.2	9
15	Dynamics of negative hydraulic barriers to prevent seawater intrusion. <i>Hydrogeology Journal</i> , 2010, 18, 95-105.	2.1	94
16	Groundwater modelling as a tool for the European Water Framework Directive (WFD) application: The Llobregat case. <i>Physics and Chemistry of the Earth</i> , 2006, 31, 1015-1029.	2.9	45