

Sarah Leray

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

305
citations

1040056

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h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of age data to the characterization of complex aquifers. Journal of Hydrology, 2012, 464-465, 54-68.	5.4	72
2	Residence time distributions for hydrologic systems: Mechanistic foundations and steady-state analytical solutions. Journal of Hydrology, 2016, 543, 67-87.	5.4	56
3	Hydrological behavior of a deep sub-vertical fault in crystalline basement and relationships with surrounding reservoirs. Journal of Hydrology, 2014, 509, 42-54.	5.4	48
4	Numerical modeling of the productivity of vertical to shallowly dipping fractured zones in crystalline rocks. Journal of Hydrology, 2013, 481, 64-75.	5.4	27
5	Inferring transit time distributions from atmospheric tracer data: Assessment of the predictive capacities of Lumped Parameter Models on a 3D crystalline aquifer model. Journal of Hydrology, 2015, 525, 619-631.	5.4	25
6	Temporal evolution of age data under transient pumping conditions. Journal of Hydrology, 2014, 511, 555-566.	5.4	20
7	Assessment of the value of groundwater age time-series for characterizing complex steady-state flow systems using a Bayesian approach. Applied Geochemistry, 2014, 50, 240-251.	3.0	18
8	Residence time distributions in non-uniform aquifer recharge and thickness conditions – An analytical approach based on the assumption of Dupuit-Forchheimer. Journal of Hydrology, 2019, 574, 110-128.	5.4	15
9	Multi-objective assisted inversion of chemical EOR corefloods for improving the predictive capacity of numerical models. Journal of Petroleum Science and Engineering, 2016, 146, 1101-1115.	4.2	12
10	Characterization of Viscous Fingering and Channeling for the Assessment of Polymer-Based Heavy Oil Displacements. Transport in Porous Media, 2020, 131, 873-906.	2.6	9
11	Geomorphological Controls on Groundwater Transit Times: A Synthetic Analysis at the Hillslope Scale. Water Resources Research, 2021, 57, e2020WR029463.	4.2	3