

Zhanfeng Zhao

List of Publications by Year in descending order

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14
papers

475
citations

840776

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1058476

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docs citations

14
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing impact of irrigation water on groundwater recharge and quality in arid environment using CFCs, tritium and stable isotopes, in the Zhangye Basin, Northwest China. <i>Journal of Hydrology</i> , 2011, 405, 194-208.	5.4	107
2	Three-dimensional imaging of aquifer and aquitard heterogeneity via transient hydraulic tomography at a highly heterogeneous field site. <i>Journal of Hydrology</i> , 2018, 559, 392-410.	5.4	57
3	On the importance of geological data for hydraulic tomography analysis: Laboratory sandbox study. <i>Journal of Hydrology</i> , 2016, 542, 156-171.	5.4	56
4	On the importance of geological data for three-dimensional steady-state hydraulic tomography analysis at a highly heterogeneous aquifer-aquitard system. <i>Journal of Hydrology</i> , 2017, 544, 640-657.	5.4	48
5	Should hydraulic tomography data be interpreted using geostatistical inverse modeling? A laboratory sandbox investigation. <i>Water Resources Research</i> , 2015, 51, 3219-3237.	4.2	42
6	Determination of groundwater recharge regime and flowpath in the Lower Heihe River basin in an arid area of Northwest China by using environmental tracers: Implications for vegetation degradation in the Ejina Oasis. <i>Applied Geochemistry</i> , 2012, 27, 1133-1145.	3.0	37
7	Validation of hydraulic tomography in an unconfined aquifer: A controlled sandbox study. <i>Water Resources Research</i> , 2015, 51, 4137-4155.	4.2	32
8	Comparative study of transient hydraulic tomography with varying parameterizations and zonations: Laboratory sandbox investigation. <i>Journal of Hydrology</i> , 2017, 554, 758-779.	5.4	31
9	On the importance of considering specific storage heterogeneity in hydraulic tomography: Laboratory sandbox and synthetic studies. <i>Journal of Hydrology</i> , 2021, 593, 125874.	5.4	17
10	Using hydrochemical, stable isotope, and river water recharge data to identify groundwater flow paths in a deeply buried karst system. <i>Hydrological Processes</i> , 2017, 31, 4297-4314.	2.6	15
11	Transient Hydraulic Tomography Analysis of Fourteen Pumping Tests at a Highly Heterogeneous Multiple Aquifer–Aquitard System. <i>Water (Switzerland)</i> , 2019, 11, 1864.	2.7	12
12	Integrating hydraulic profiling tool pressure logs and hydraulic tomography for improved high-resolution characterization of subsurface heterogeneity. <i>Journal of Hydrology</i> , 2022, 610, 127971.	5.4	8
13	Improved high-resolution characterization of hydraulic conductivity through inverse modeling of HPT profiles and steady-state hydraulic tomography: Field and synthetic studies. <i>Journal of Hydrology</i> , 2022, 612, 128124.	5.4	7
14	Spatial and Temporal Distribution of Geologic Hazards in Shaanxi Province. <i>Remote Sensing</i> , 2021, 13, 4259.	4.0	6