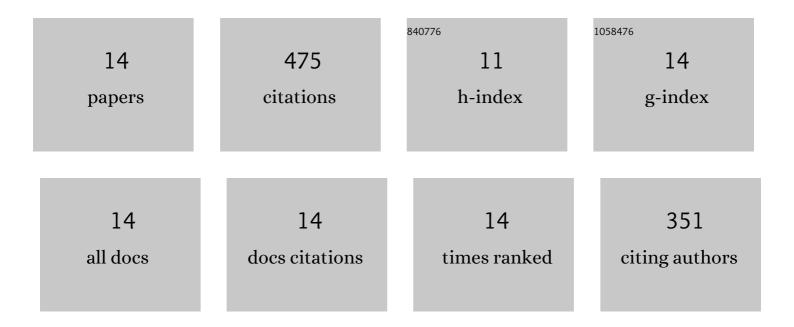
## **Zhanfeng Zhao**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7893795/publications.pdf Version: 2024-02-01



#	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. Journal of Hydrology, 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. Journal of Hydrology, 2018, 559, 392-410.	5.4	57
3	On the importance of geological data for hydraulic tomography analysis: Laboratory sandbox study. Journal of Hydrology, 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. Journal of Hydrology, 2017, 544, 640-657.	5.4	48
5	Should hydraulic tomography data be interpreted using geostatistical inverse modeling? A laboratory sandbox investigation. Water Resources Research, 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. Applied Geochemistry, 2012, 27, 1133-1145.	3.0	37
7	Validation of hydraulic tomography in an unconfined aquifer: A controlled sandbox study. Water Resources Research, 2015, 51, 4137-4155.	4.2	32
8	Comparative study of transient hydraulic tomography with varying parameterizations and zonations: Laboratory sandbox investigation. Journal of Hydrology, 2017, 554, 758-779.	5.4	31
9	On the importance of considering specific storage heterogeneity in hydraulic tomography: Laboratory sandbox and synthetic studies. Journal of Hydrology, 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. Hydrological Processes, 2017, 31, 4297-4314.	2.6	15
11	Transient Hydraulic Tomography Analysis of Fourteen Pumping Tests at a Highly Heterogeneous Multiple Aquifer–Aquitard System. Water (Switzerland), 2019, 11, 1864.	2.7	12
12	Integrating hydraulic profiling tool pressure logs and hydraulic tomography for improved high-resolution characterization of subsurface heterogeneity. Journal of Hydrology, 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. Journal of Hydrology, 2022, 612, 128124.	5.4	7
14	Spatial and Temporal Distribution of Geologic Hazards in Shaanxi Province. Remote Sensing, 2021, 13, 4259.	4.0	6