

Zhang Wen

List of Publications by Year in descending order

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44
papers

810
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516215

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525886

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docs citations

51
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	Saline groundwater evolution in the Luanhe River delta (China) during the Holocene: hydrochemical, isotopic, and sedimentary evidence. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 1341-1356.	1.9	7
2	Solutions for Groundwater Flow to a Pumping Well with an Exponentially Decreasing Variable Rate in a Sloping Aquifer. <i>Ground Water</i> , 2022, 60, 792-800.	0.7	1
3	Groundwater flow and solute transport in a fractured karst aquifer: A numerical simulation. <i>Journal of Hydrology</i> , 2022, 47, 633.	0.1	1
4	Determination of hydraulic conductivity and its spatial variability in the Jiangnan Plain using a multi-format, multi-method approach. <i>Journal of Hydrology</i> , 2021, 594, 125917.	2.3	6
5	Laboratory observations for two-dimensional solute transport in an aquifer-aquitard system. <i>Environmental Science and Pollution Research</i> , 2021, 28, 38664-38678.	2.7	9
6	A study of the thermal behaviour of exposed karst water systems in a mountainous area of Zigui County, Hubei Province, Central China. <i>Hydrogeology Journal</i> , 2021, 29, 2821-2835.	0.9	6
7	Contamination characteristics of chlorinated hydrocarbons in a fractured karst aquifer using TMVOC and hydro-chemical techniques. <i>Science of the Total Environment</i> , 2021, 794, 148717.	3.9	6
8	Combined role of leaky and non-Darcian effects on the flow to a pumping well with a non-uniform flux well-face boundary. <i>Journal of Hydrology</i> , 2020, 580, 123532.	2.3	9
9	A mobile-immobile model for reactive solute transport in a radial two-zone confined aquifer. <i>Journal of Hydrology</i> , 2020, 580, 124347.	2.3	21
10	Optimization Strategies for in Situ Groundwater Remediation by a Vertical Circulation Well Based on Particle Tracking and Node-Dependent Finite Difference Methods. <i>Water Resources Research</i> , 2020, 56, e2020WR027396.	1.7	8
11	A new solution to transient single-well push-pull test with low-permeability non-Darcian leakage effects. <i>Journal of Contaminant Hydrology</i> , 2020, 234, 103689.	1.6	6
12	New Semi-Analytical Model for an Exponentially Decaying Pumping Rate with a Finite-Thickness Skin in a Leaky Aquifer. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	0.8	5
13	Water Table Fluctuations Regulate Hydrogen Peroxide Production and Distribution in Unconfined Aquifers. <i>Environmental Science & Technology</i> , 2020, 54, 4942-4951.	4.6	40
14	Flow transiency on analytical modeling of subsurface solute transport. <i>Environmental Science and Pollution Research</i> , 2020, 27, 38974-38986.	2.7	5
15	Contamination and natural attenuation characteristics of petroleum hydrocarbons in a fractured karst aquifer, North China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 22780-22794.	2.7	15
16	Skin effect on single-well push-pull tests with the presence of regional groundwater flow. <i>Journal of Hydrology</i> , 2019, 577, 123931.	2.3	14
17	Numerical simulation of single-well push-pull tests in a radial two-zone confined aquifer. <i>Hydrogeology Journal</i> , 2019, 27, 2645-2658.	0.9	5
18	Editorial of Special Issue "Advances in Groundwater Flow and Solute Transport: Pushing the Hidden Boundary". <i>Water (Switzerland)</i> , 2019, 11, 457.	1.2	1

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19	Microbial effects on hydraulic conductivity estimation by single-well injection tests in a petroleum-contaminated aquifer. <i>Journal of Hydrology</i> , 2019, 573, 352-364.	2.3	9
20	Formation mechanism and mixing behavior of Nanyang thermal spring, Xingshan County of Hubei Province, central China. <i>Hydrogeology Journal</i> , 2019, 27, 2933-2953.	0.9	6
21	An Experimental Study on the Adsorption and Desorption of Cu(II) in Silty Clay. <i>Geofluids</i> , 2018, 2018, 1-12.	0.3	32
22	Impact of Transient Flow on Subsurface Solute Transport with Exponentially Time-Dependent Flow Velocity. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018, 23, .	0.8	6
23	The single-well test dilemma: the skin effect and variable-rate pumping perspective. <i>Hydrogeology Journal</i> , 2018, 26, 2521-2529.	0.9	7
24	Well hydraulics in pumping tests with exponentially decayed rates of abstraction in confined aquifers. <i>Journal of Hydrology</i> , 2017, 548, 40-45.	2.3	26
25	An Experimental Study on Solute Transport in One-Dimensional Clay Soil Columns. <i>Geofluids</i> , 2017, 2017, 1-17.	0.3	26
26	Non-Darcian Flow to a Partially Penetrating Pumping Well in a Leaky Aquifer Considering the Aquitard's Aquifer Interface Flow. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	0.8	10
27	Geochemical evolution of clay pore water as an indicator for palaeoenvironmental variability in the Hebei Plain, northern China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	1
28	Non-Darcian flow to a partially penetrating well in a confined aquifer with a finite-thickness skin. <i>Hydrogeology Journal</i> , 2016, 24, 1287-1296.	0.9	16
29	Analytical Study of Unsteady Nested Groundwater Flow Systems. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-9.	0.6	5
30	Numerical simulation of Forchheimer flow to a partially penetrating well with a mixed-type boundary condition. <i>Journal of Hydrology</i> , 2015, 524, 53-61.	2.3	23
31	Numerical modeling of Forchheimer flow to a pumping well in a confined aquifer using the strong-form mesh-free method. <i>Hydrogeology Journal</i> , 2014, 22, 1207-1215.	0.9	6
32	Non-Darcian flow toward a larger-diameter partially penetrating well in a confined aquifer. <i>Environmental Earth Sciences</i> , 2014, 72, 4617-4625.	1.3	17
33	Approximate analytical and numerical solutions for radial non-Darcian flow to a well in a leaky aquifer with wellbore storage and skin effect. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2013, 37, 1453-1469.	1.7	17
34	Approximate analytical solution for non-Darcian flow toward a partially penetrating well in a confined aquifer. <i>Journal of Hydrology</i> , 2013, 498, 124-131.	2.3	44
35	Solutions for Non-Darcian Flow to an Extended Well in Fractured Rock. <i>Ground Water</i> , 2011, 49, 280-285.	0.7	7
36	Constant-head test in a leaky aquifer with a finite-thickness skin. <i>Journal of Hydrology</i> , 2011, 399, 326-334.	2.3	24

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37	Non-Darcian flow to a well in a leaky aquifer using the Forchheimer equation. <i>Hydrogeology Journal</i> , 2011, 19, 563-572.	0.9	30
38	Analytical solution of two-dimensional solute transport in an aquifer-aquitard system. <i>Journal of Contaminant Hydrology</i> , 2009, 107, 162-174.	1.6	75
39	A numerical solution for non-Darcian flow to a well in a confined aquifer using the power law function. <i>Journal of Hydrology</i> , 2009, 364, 99-106.	2.3	39
40	An analytical solution of two-dimensional reactive solute transport in an aquifer-aquitard system. <i>Water Resources Research</i> , 2009, 45, .	1.7	66
41	An analytical solution for non-Darcian flow in a confined aquifer using the power law function. <i>Advances in Water Resources</i> , 2008, 31, 44-55.	1.7	67
42	Two-region non-Darcian flow toward a well in a confined aquifer. <i>Advances in Water Resources</i> , 2008, 31, 818-827.	1.7	49
43	Non-Darcian flow to a well in an aquifer-aquitard system. <i>Advances in Water Resources</i> , 2008, 31, 1754-1763.	1.7	33
44	Geostatistical analysis and hydrofacies simulation for estimating the spatial variability of hydraulic conductivity in the Jiangnan Plain, central China. <i>Hydrogeology Journal</i> , 0, , .	0.9	4