

Chaofan Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14 papers	110 citations	7 h-index	10 g-index
20 ext. papers	219 ext. citations	5.3 avg, IF	2.94 L-index

#	Paper	IF	Citations
14	Numerical investigation on the performance, sustainability, and efficiency of the deep borehole heat exchanger system for building heating. <i>Geothermal Energy</i> , 2019 , 7,	3.3	27
13	Optimization of the utilization of deep borehole heat exchangers. <i>Geothermal Energy</i> , 2020 , 8,	3.3	18
12	Analysis of heat extraction performance and long-term sustainability for multiple deep borehole heat exchanger array: A project-based study. <i>Applied Energy</i> , 2021 , 289, 116590	10.7	16
11	Investigation on the sustainability and efficiency of single-well circulation (SWC) groundwater heat pump systems. <i>Renewable Energy</i> , 2019 , 130, 656-666	8.1	10
10	A combined method for evaluation and prediction on permeability in coal seams during enhanced methane recovery by pressure-relieved method. <i>Environmental Earth Sciences</i> , 2015 , 73, 5963-5974	2.9	7
9	An Analytical Solution of Groundwater Flow in a Confined Aquifer With a Single-Well Circulation System. <i>Water Resources Research</i> , 2020 , 56, e2020WR027529	5.4	7
8	An approximate analytical solution for non-Darcian flow in a confined aquifer with a single well circulation groundwater heat pump system. <i>Advances in Water Resources</i> , 2020 , 145, 103740	4.7	7
7	The study on non-Darcy seepage equation of low velocity flow. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2017 , 47, 064702	1.5	6
6	Numerical investigation on the capacity and efficiency of a deep enhanced U-tube borehole heat exchanger system for building heating. <i>Renewable Energy</i> , 2021 , 169, 557-572	8.1	5
5	Long-term performance evaluation for deep borehole heat exchanger array under different soil thermal properties and system layouts. <i>Energy</i> , 2022 , 241, 122937	7.9	2
4	Parametric optimization and comparative study of an organic Rankine cycle power plant for two-phase geothermal sources. <i>Energy</i> , 2022 , 123910	7.9	1
3	Numerical Study on the Long-Term Performance and Load Imbalance Ratio for Medium-Shallow Borehole Heat Exchanger System. <i>Energies</i> , 2022 , 15, 3444	3.1	1
2	Importance of long-term ground-loop temperature variation in performance optimization of Ground Source Heat Pump system. <i>Applied Thermal Engineering</i> , 2022 , 204, 117945	5.8	0
1	Reply to the Comment on Liu et al., an Analytical Solution of Groundwater Flow in a Confined Aquifer With a Single-Well Circulation System, <i>Water Resources Research</i> , First Published: 12 June 2020. <i>Water Resources Research</i> , 2021 , 57, e2020WR029389	5.4	