Chaofan Chen

List of Publications by Year in Descending Order

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