

Guozhu Zhang

List of Publications by Year in descending order

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14
papers

452
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of in situ thermomechanical behaviors of soil around an energy pile with flat dilatometer tests. <i>Acta Geotechnica</i> , 2022, 17, 1985-1999.	5.7	6
2	Influence of backfilling phase change material on thermal performance of precast high-strength concrete energy pile. <i>Renewable Energy</i> , 2022, 184, 374-390.	8.9	35
3	A promising technology of cold energy storage using phase change materials to cool tunnels with geothermal hazards. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 163, 112509.	16.4	18
4	Temperature effects and heat transfer in granular soils by discrete element modeling of CPT. <i>European Journal of Environmental and Civil Engineering</i> , 2021, 25, 835-856.	2.1	6
5	Field Test and Numerical Simulation on the Long-Term Thermal Response of PHC Energy Pile in Layered Foundation. <i>Sensors</i> , 2021, 21, 3873.	3.8	17
6	Investigation of the Thermal Performance of Energy Tunnel Equipped with the Insulation Layer Considering Ventilation and Groundwater Seepage. <i>Geofluids</i> , 2021, 2021, 1-15.	0.7	0
7	Field test and numerical investigation on thermal environment of tunnel with air layer structure. <i>Building and Environment</i> , 2021, 203, 108105.	6.9	23
8	Numerical Investigation on Energy Efficiency of Heat Pump with Tunnel Lining Ground Heat Exchangers under Building Cooling. <i>Buildings</i> , 2021, 11, 611.	3.1	6
9	Investigation on the thermal response of full-scale PHC energy pile and ground temperature in multi-layer strata. <i>Applied Thermal Engineering</i> , 2018, 143, 836-848.	6.0	49
10	The coupling effect of ventilation and groundwater flow on the thermal performance of tunnel lining GHEs. <i>Applied Thermal Engineering</i> , 2017, 112, 595-605.	6.0	33
11	Experimental study on the thermal performance of tunnel lining GHE under groundwater flow. <i>Applied Thermal Engineering</i> , 2016, 106, 784-795.	6.0	46
12	Effect of ventilation on the thermal performance of tunnel lining GHEs. <i>Applied Thermal Engineering</i> , 2016, 93, 416-424.	6.0	34
13	Experimental study on the thermal performance of tunnel lining ground heat exchangers. <i>Energy and Buildings</i> , 2014, 77, 149-157.	6.7	76
14	A new model and analytical solution for the heat conduction of tunnel lining ground heat exchangers. <i>Cold Regions Science and Technology</i> , 2013, 88, 59-66.	3.5	103