

Wenbin Fei

List of Publications by Year in descending order

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15
papers

252
citations

1039406

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1058022

14
g-index

16
all docs

16
docs citations

16
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	A graph-theory based directed network feature for thermal anisotropy. International Journal of Heat and Mass Transfer, 2022, 194, 122987.	2.5	2
2	Predicting effective thermal conductivity in sands using an artificial neural network with multiscale microstructural parameters. International Journal of Heat and Mass Transfer, 2021, 170, 120997.	2.5	26
3	X-ray computed tomography images and network data of sands under compression. Data in Brief, 2021, 36, 107122.	0.5	4
4	An efficient and sustainable approach for cooling underground substations. Tunnelling and Underground Space Technology, 2021, 113, 103986.	3.0	10
5	Impact of particle shape on networks in sands. Computers and Geotechnics, 2021, 137, 104258.	2.3	6
6	Estimation of thermal conductivity of cemented sands using thermal network models. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 14, 210-210.	3.7	1
7	Network analysis of heat transfer in sphere packings. Powder Technology, 2020, 362, 790-804.	2.1	14
8	Impact of Three-Dimensional Sphericity and Roundness on Coordination Number. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2020, 146, .	1.5	21
9	Network analysis of heat transfer in sands. Computers and Geotechnics, 2020, 127, 103773.	2.3	8
10	Impact of three-dimensional sphericity and roundness on heat transfer in granular materials. Powder Technology, 2019, 355, 770-781.	2.1	25
11	Quantifying the impact of rigid interparticle structures on heat transfer in granular materials using networks. International Journal of Heat and Mass Transfer, 2019, 143, 118514.	2.5	17
12	Experimental study of anisotropy and non-coaxiality of granular solids. Granular Matter, 2015, 17, 189-196.	1.1	25
13	Interaction analysis for CO ₂ geological storage and underground coal mining in Ordos Basin, China. Engineering Geology, 2015, 196, 194-209.	2.9	42
14	Challenging combination of CO ₂ geological storage and coal mining in the Ordos basin, China. , 2014, 4, 452-467.		33
15	Feasibility of the Combination of CO ₂ Geological storage and Saline Water Development in Sedimentary Basins of China. Energy Procedia, 2013, 37, 4511-4517.	1.8	18