

Shi-Qiang Chen

List of Publications by Year in descending order

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15
papers

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2682572

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all docs

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Energy and exergy analysis of a downstream single-row air washer at different droplet diameters for air cooling application. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 6297-6307.	2.1	1
2	Effects of co-current airflow on water atomization in a curved diffuser. Energy Exploration and Exploitation, 2021, 39, 657-668.	2.3	7
3	Water film area and dust removal efficiency of string grilles: a theoretical analysis. International Journal of Coal Science and Technology, 2021, 8, 1015.	6.0	2
4	Cause Analysis and Prevention of Hole Collapse by Water Injection and Dust Removal in Qi Panjing Coal Mine. Geofluids, 2020, 2020, 1-8.	0.7	1
5	Theoretical Model for Micro-flow of Gas in Coal Mine Goaf and the Influence of Viscosity on Pressure Gradient. , 2019, , 385-394.		0
6	Energy efficiency overestimated by classic affinity laws: relation between volumetric flow rate and static pressure of an axial mine fan adjusted by a variable frequency driver. Mining Technology: Transactions of the Institute of Mining and Metallurgy, 2019, 128, 186-191.	0.5	2
7	Effects of Smoke-Dust and CO on Controllable Circulatory Ventilation of an Extra-Long Highway Tunnel: Theoretical Model and Calculations. Advances in Civil Engineering, 2018, 2018, 1-7.	0.7	1
8	The effects of initial water-droplet temperature on performance of heat exchange device attached to a diffuser. Journal of Loss Prevention in the Process Industries, 2018, 55, 283-288.	3.3	3
9	Effects of structural and operating parameters of ECP fan on dust particles removed in the transition flow regime. International Journal of Coal Science and Technology, 2014, 1, 441-449.	6.0	0
10	Theoretical and numerical analysis of coal dust separated by centrifugal force for working and heading faces. International Journal of Coal Science and Technology, 2014, 1, 338-345.	6.0	3
11	Experimental investigation on the energy-saving diffuser of a main fan. Science in China Series A: Mathematics, 2012, 18, 108-112.	0.2	2
12	Numerical simulation investigation on pressure loss of diffusion tank of axial main fan. Science in China Series A: Mathematics, 2011, 17, 447-449.	0.2	0
13	Improving thermal comfort of high-temperature environment of heading face through dehumidification. Science in China Series A: Mathematics, 2010, 16, 389-393.	0.2	2
14	Experiments of combinational fans affecting smoke ceiling in an undersea metro interval tunnel VSES. International Journal of Ventilation, 0, , 1-18.	0.4	0
15	Experimental investigation of combinational fans influencing on the effective ventilation in an undersea metro interval tunnel. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622110231.	2.1	0