

Saeid Kheradmand

List of Publications by Year in descending order

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15
papers

176
citations

1163117

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1125743

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g-index

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all docs

15
docs citations

15
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of height variations on cyclone performance under fluctuating boundary conditions. Chemical Engineering Research and Design, 2022, 179, 331-345.	5.6	7
2	The effect of arrangement in multi-cyclone filters on performance and the uniformity of fluid and particle flow distribution. Powder Technology, 2022, 399, 117191.	4.2	5
3	New cyclone design based on minimum height and optimized pressure drop and efficiency. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	1.6	1
4	Enhancing mixing features in supersonic flow through geometric correction of the cavity depth relative to the height of the combustion chamber. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	0
5	Optimization of volumetric solar receiver geometry and porous media specifications. Renewable Energy, 2021, 172, 574-581.	8.9	17
6	The effect of fluctuating boundary on flow field and performance parameters of cyclone separator. Powder Technology, 2021, 390, 401-416.	4.2	10
7	Performance improvement of a cyclone separator using different shapes of vortex finder under high-temperature operating condition. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	9
8	Experimental and Computational Investigation of Diesel and Gasoline Injection in a Direct Injection Compression Ignition Engine. International Journal of Automotive Technology, 2020, 21, 23-32.	1.4	3
9	Research on the effects of operating conditions and inlet channel configuration on exergy loss, heat transfer and irreversibility of the fluid flow in single and double inlet cyclones. Applied Thermal Engineering, 2018, 137, 329-340.	6.0	17
10	Compound Heat Transfer Enhancement of Wavy Fin-and-Tube Heat Exchangers through Boundary Layer Restarting and Swirled Flow. Energies, 2018, 11, 1959.	3.1	25
11	Study of inlet temperature effect on single and double inlets cyclone performance. Advanced Powder Technology, 2017, 28, 1459-1473.	4.1	33
12	Improvement of the cyclone separation efficiency with a magnetic field. Journal of Aerosol Science, 2017, 114, 219-232.	3.8	20
13	Numerical simulation of cooling performance of an exhaust gas recirculation (EGR) cooler using nano-fluids. Applied Thermal Engineering, 2017, 110, 244-252.	6.0	12
14	Experimental investigation of the effect of bow profiles on resistance of an underwater vehicle in free surface motion. Journal of Marine Science and Application, 2015, 14, 53-60.	1.7	13
15	Numerical simulation of the fuel trapped in the crevice during a pilot injection in a homogeneous charge compression ignition engine. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2014, 228, 1415-1423.	1.9	4