

Saeid Kheradmand

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

176
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

130
citing authors

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