

Mohamad Hamed Hekmat

List of Publications by Year in descending order

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9
papers

94
citations

1684188

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h-index

1474206

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g-index

9
all docs

9
docs citations

9
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat transfer characteristics of laminar and turbulent wavy channel flow in the presence of a stationary or rotating blade. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	3
2	Numerical and experimental investigation of air flow behavior and H ₂ S gas emission through an inclined traversed tunnel. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	3
3	Investigation on the thermal mixing enhancement in a T-junction pipe. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	4
4	Effects of nanoparticles volume fraction and magnetic field gradient on the mixed convection of a ferrofluid in the annulus between vertical concentric cylinders. Applied Thermal Engineering, 2019, 152, 844-857.	6.0	18
5	Numerical investigation of the mixed convection of a magnetic nanofluid in an annulus between two vertical concentric cylinders under the influence of a non-uniform external magnetic field. Journal of Thermal Analysis and Calorimetry, 2019, 138, 1745-1759.	3.6	9
6	Numerical study of the oil whirl phenomenon in a hydrodynamic journal bearing. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	4
7	Numerical investigation of turbulence characteristics and upstream disturbance of flow through standard and multi-hole orifice flowmeters. Flow Measurement and Instrumentation, 2019, 65, 203-218.	2.0	26
8	Numerical simulation of mixing process in T-shaped and DT-shaped micromixers. Chemical Engineering Communications, 2018, 205, 363-371.	2.6	18
9	Effect of cylinder geometry on the heat transfer enhancement of power-law fluid flow inside a channel. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 1695-1707.	1.6	9