

# Mohamad Hamed Hekmat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5774277/publications.pdf>

Version: 2024-02-01

9  
papers

94  
citations

1684188  
5  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

89  
citing authors

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