

# Mohammad Parsazadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

374  
citations

1477746

6  
h-index

1473754

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

314  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational modelling of the effect of microstructure on the abrasive wear resistance of tungsten-carbide nickel composite coatings under sub-critical cyclic impact loading. <i>Ceramics International</i> , 2022, 48, 14338-14348.	2.3	4
2	Numerical study on melting of phase change material in an enclosure subject to Neumann boundary condition in the presence of Rayleigh-Bénard convection. <i>International Journal of Heat and Mass Transfer</i> , 2021, 171, 121103.	2.5	15
3	Computational investigation of the effect of microstructure on the scratch resistance of tungsten-carbide nickel composite coatings. <i>Wear</i> , 2021, 478-479, 203888.	1.5	4
4	Effects of nanoparticles on phase change heat transfer rate in the presence of Rayleigh-Bénard convection. <i>International Journal of Heat and Mass Transfer</i> , 2020, 156, 119831.	2.5	16
5	An improved layered thermal resistance model for solid-liquid phase change time estimation. <i>International Journal of Thermal Sciences</i> , 2020, 156, 106496.	2.6	2
6	Numerical and Experimental Investigation of Phase Change Heat Transfer in the Presence of Rayleigh-Bénard Convection. <i>Journal of Heat Transfer</i> , 2020, 142, .	1.2	15
7	Design and experimental analysis of a helical coil phase change heat exchanger for thermal energy storage. <i>Journal of Energy Storage</i> , 2019, 21, 9-17.	3.9	47
8	Numerical study on the effects of fins and nanoparticles in a shell and tube phase change thermal energy storage unit. <i>Applied Energy</i> , 2018, 216, 142-156.	5.1	159
9	Numerical and statistical study on melting of nanoparticle enhanced phase change material in a shell-and-tube thermal energy storage system. <i>Applied Thermal Engineering</i> , 2017, 111, 950-960.	3.0	95
10	Numerical Study of a Hybrid Thermal Insulation With Phase Change Material for Subsea Pipelines. , 2016, , .		4
11	Thermal Insulation With Latent Energy Storage for Flow Assurance in Subsea Pipelines. , 2015, , .		4
12	The Influence of Various Inlet Geometries on Mixed Convection Flow of Ethylene Glycol in a Backward Facing Step. <i>Applied Mechanics and Materials</i> , 0, 388, 192-198.	0.2	0
13	Effect of Vertical Baffle Installation on Forced Convective Heat Transfer in Channel Having a Backward Facing Step. <i>Applied Mechanics and Materials</i> , 0, 388, 169-175.	0.2	9
14	Numerical Study on Heat Transfer of Turbulent Flow in a Channel with Composite Arrangement Obstacles. <i>Applied Mechanics and Materials</i> , 0, 388, 161-168.	0.2	0