

Mostafa Varmazyar

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

129
citations

1478505

6
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluid Permeability of Graded Porosity Scaffolds Architected with Minimal Surfaces. ACS Biomaterials Science and Engineering, 2019, 5, 1228-1237.	5.2	61
2	Numerical simulation of magnetic nanoparticle-based drug delivery in presence of atherosclerotic plaques and under the effects of magnetic field. Powder Technology, 2020, 366, 164-174.	4.2	19
3	Development of a thermal lattice Boltzmann method to simulate heat transfer problems with variable thermal conductivity. International Journal of Heat and Mass Transfer, 2013, 59, 363-371.	4.8	12
4	Modeling of Free Convection Heat Transfer to a Supercritical Fluid in a Square Enclosure by the Lattice Boltzmann Method. Journal of Heat Transfer, 2011, 133, .	2.1	10
5	Stress analysis of the rails of a new high velocity armature design in an electromagnetic launcher. International Journal of Impact Engineering, 2008, 35, 1529-1533.	5.0	8
6	Simulation of combustion in a porous-medium diesel engine. Journal of Mechanical Science and Technology, 2018, 32, 2327-2337.	1.5	8
7	Analytical study of unsteady sedimentation analysis of spherical particle in Newtonian fluid media. Thermal Science, 2018, 22, 847-855.	1.1	8
8	Thermal Stresses Analysis of the Rails and the Armature of an Electromagnetic Launcher. , 2008, , .		3
9	Modeling of Free Convection Heat Transfer to a Supercritical Fluid in a Square Enclosure by the Lattice Boltzmann Method. , 2009, , .		0
10	Generalized Coordinate Transformation for Lattice Boltzmann Equation Using TTM Structured Grid Generation. Advanced Materials Research, 0, 433-440, 3371-3377.	0.3	0
11	Comprehensive preliminary experimental performance investigation of a micro-CHP system by using an equipped test room. Applied Thermal Engineering, 2018, 134, 428-436.	6.0	0