

List of Publications by Citations

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23 papers	334 citations	10 h-index	18 g-index
27 ext. papers	428 ext. citations	2.8 avg, IF	3.97 L-index

#	Paper	IF	Citations
23	York platelet syndrome is a CRAC channelopathy due to gain-of-function mutations in STIM1. <i>Molecular Genetics and Metabolism</i> , 2015 , 114, 474-82	3.7	75
22	LBM simulation of free convection in a nanofluid filled incinerator containing a hot block. <i>International Journal of Mechanical Sciences</i> , 2018 , 144, 172-185	5.5	53
21	Accurate finite volume investigation of nanofluid mixed convection in two-sided lid driven cavity including discrete heat sources. <i>Applied Mathematical Modelling</i> , 2015 , 39, 4164-4179	4.5	41
20	Similarity solution analysis of dynamic and thermal boundary layers: further formulation along a vertical flat plate. <i>Physica Scripta</i> , 2021 , 96, 085206	2.6	26
19	Conjugate natural heat transfer scrutiny in differentially heated cavity partitioned with a conducting solid using the lattice Boltzmann method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 138, 3065-3088	4.1	18
18	A lattice Boltzmann based investigation of powder in-flight characteristics during APS process, part II: Effects of parameter dispersions at powder injection. <i>Surface and Coatings Technology</i> , 2013 , 220, 157-163	4.4	14
17	Scrutiny of plasma spraying complexities with case study on the optimized conditions toward coating process control. <i>Case Studies in Thermal Engineering</i> , 2015 , 6, 171-181	5.6	11
16	Scrutiny of spray jet and impact characteristics under dispersion effects of powder injection parameters in APS process. <i>International Journal of Thermal Sciences</i> , 2016 , 100, 229-239	4.1	11
15	A lattice Boltzmann-based investigation of powder in-flight characteristics during APS process, part I: modelling and validation. <i>Progress in Computational Fluid Dynamics</i> , 2012 , 12, 270	0.7	10
14	Aptitude of a lattice Boltzmann method for evaluating transitional thresholds for low Prandtl number flows in enclosures. <i>Comptes Rendus - Mecanique</i> , 2010 , 338, 85-96	2.1	10
13	LBM simulation of free convection in a nanofluid filled incinerator containing a hot block. <i>International Journal of Mechanical Sciences</i> , 2018 , 148, 393-408	5.5	10
12	Some Advances in Applications of Lattice Boltzmann Method for Complex Thermal Flows. <i>Advances in Applied Mathematics and Mechanics</i> , 2010 , 2, 587-608	2.1	9
11	EFFECTS OF HEATER DIMENSIONS ON NANOFLUID NATURAL CONVECTION IN A HEATED INCINERATOR SHAPED CAVITY CONTAINING A HEATED BLOCK. <i>Journal of Thermal Engineering</i> , 2018-2036	1.1	9
10	Accurate LBM appraising of pin-fins heat dissipation performance and entropy generation in enclosures as application to power electronic cooling. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 30, 742-768	4.5	8
9	MHD conjugate heat transfer and entropy generation analysis of MWCNT/water nanofluid in a partially heated divided medium. <i>Heat Transfer</i> , 2021 , 50, 126-144	3.1	7
8	Investigating Plasma Jets Behavior using Axisymmetric Lattice Boltzmann Model under Temperature Dependent Viscosity. <i>Communications in Computational Physics</i> , 2014 , 15, 677-691	2.4	6
7	Simulation and Modeling of Turbulent Plasma Jet Based on Axisymmetric LBGK Model. <i>Defect and Diffusion Forum</i> , 2011 , 312-315, 1167-1171	0.7	6

6	Appraising conjugate heat transfer, heatlines visualization and entropy generation of Ag-MgO/H ₂ O hybrid nanofluid in a partitioned medium. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020 , 30, 4529-4562	4.5	4
5	Investigation of a side wall heated cavity by using lattice Boltzmann method. <i>European Journal of Computational Mechanics</i> , 2009 , 18, 217-238	0.5	2
4	OPTIMIZATION STUDY OF THE OPERATING CONDITIONS TO IMPROVE THE QUALITY OF SURFACES COATING OBTAINED BY PLASMA SPRAYING PROCESS. <i>Journal of Thermal Engineering</i> , 2017 , 3, 1411-1418	1.1	2
3	A Lattice Boltzmann Model for the Simulation of Flows and Heat Transfer at Very High Temperature: A Dynamic Framework of Conversion to Physical Space with Test Cases 2018 , 151-169		1
2	A Confrontation of Lattice Boltzmann, Finite Difference and Taguchi Experimental Design Results for Optimizing Plasma Spraying Operating Conditions Toward Deposit Requirements. <i>International Journal of Energy Optimization and Engineering</i> , 2017 , 6, 16-34	0.9	1
1	Conjugate Effects of Buoyancy and Magnetic Field on Heat and Fluid Flow Pattern at Low-to-Moderate Prandtl Numbers. <i>International Letters of Chemistry, Physics and Astronomy</i> , 66, 79-95		