Ridha Djebali

List of Publications by Year in Descending Order

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	Similarity solution analysis of dynamic and thermal boundary layers: further formulation along a vertical flat plate. *Physica Scripta*, **2021**, 96, 085206	2.6	26
22	MHD conjugate heat transfer and entropy generation analysis of MWCNT/water nanofluid in a partially heated divided medium. *Heat Transfer*, **2021**, 50, 126-144	3.1	7
21	Appraising conjugate heat transfer, heatlines visualization and entropy generation of Ag-MgO/H2O hybrid nanofluid in a partitioned medium. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2020**, 30, 4529-4562	4.5	4
20	Conjugate natural heat transfer scrutiny in differentially heated cavity partitioned with a conducting solid using the lattice Boltzmann method. *Journal of Thermal Analysis and Calorimetry*, **2019**, 138, 3065-3088	4.1	18
19	Accurate LBM appraising of pin-fins heat dissipation performance and entropy generation in enclosures as application to power electronic cooling. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 30, 742-768	4.5	8
18	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
17	LBM simulation of free convection in a nanofluid filled incinerator containing a hot block. *International Journal of Mechanical Sciences*, **2018**, 148, 393-408	5.5	10
16	LBM simulation of free convection in a nanofluid filled incinerator containing a hot block. *International Journal of Mechanical Sciences*, **2018**, 144, 172-185	5.5	53
15	OPTIMIZATION STUDY OF THE OPERATING CONDITIONS TO IMPROVE THE QUALITY OF SURFACES COATING OBTAINED BY PLASMA SPRAYING PROCESS. *Journal of Thermal Engineering*, **2017**, 3, 1411-1418	1.1	2
14	A Confrontation of Lattice Boltzmann, Finite Difference and Taguchi Experimental Design Results for Optimizing Plasma Spraying Operating Conditions Toward Deposit Requirements. *International Journal of Energy Optimization and Engineering*, **2017**, 6, 16-34	0.9	1
13	Scrutiny of spray jet and impact characteristics under dispersion effects of powder injection parameters in APS process. *International Journal of Thermal Sciences*, **2016**, 100, 229-239	4.1	11
12	York platelet syndrome is a CRAC channelopathy due to gain-of-function mutations in STIM1. *Molecular Genetics and Metabolism*, **2015**, 114, 474-82	3.7	75
11	Scrutiny of plasma spraying complexities with case study on the optimized conditions toward coating process control. *Case Studies in Thermal Engineering*, **2015**, 6, 171-181	5.6	11
10	Accurate finite volume investigation of nanofluid mixed convection in two-sided lid driven cavity including discrete heat sources. *Applied Mathematical Modelling*, **2015**, 39, 4164-4179	4.5	41
9	Investigating Plasma Jets Behavior using Axisymmetric Lattice Boltzmann Model under Temperature Dependent Viscosity. *Communications in Computational Physics*, **2014**, 15, 677-691	2.4	6
8	A lattice Boltzmann based investigation of powder in-flight characteristics during APS process, part II: Effects of parameter dispersions at powder injection. *Surface and Coatings Technology*, **2013**, 220, 157-163	4.4	14
7	A lattice Boltzmann-based investigation of powder in-flight characteristics during APS process, part I: modelling and validation. *Progress in Computational Fluid Dynamics*, **2012**, 12, 270	0.7	10

List of Publications

6	Simulation and Modeling of Turbulent Plasma Jet Based on Axisymetric LBGK Model. *Defect and Diffusion Forum*, **2011**, 312-315, 1167-1171	0.7	6
5	Some Advances in Applications of Lattice Boltzmann Method for Complex Thermal Flows. *Advances in Applied Mathematics and Mechanics*, **2010**, 2, 587-608	2.1	9
4	Aptitude of a lattice Boltzmann method for evaluating transitional thresholds for low Prandtl number flows in enclosures. *Comptes Rendus - Mecanique*, **2010**, 338, 85-96	2.1	10
3	Investigation of a side wall heated cavity by using lattice Boltzmann method. *European Journal of Computational Mechanics*, **2009**, 18, 217-238	0.5	2
2	EFFECTS OF HEATER DIMENSIONS ON NANOFLUID NATURAL CONVECTION IN A HEATED INCINERATOR SHAPED CAVITY CONTAINING A HEATED BLOCK. *Journal of Thermal Engineering*,2018-2036	1.1	9
1	Conjugate Effects of Buoyancy and Magnetic Field on Heat and Fluid Flow Pattern at Low-to-Moderate Prandtl Numbers. *International Letters of Chemistry, Physics and Astronomy*,66, 79-95		