Abbassi Mohamed Ammar

List of Publications by Year in Descending Order

18 papers	495 citations	12 h-index	19 g-index
19 ext. papers	548 ext. citations	4.6 avg, IF	3.77 L-index

#	Paper	IF	Citations
18	Radiation Heat Transfer in a Complex Geometry Containing Anisotropically-Scattering Mie Particles. *Energies*, **2019**, 12, 3986	3.1	4
17	Lattice Boltzmann analysis of MHD natural convection of CuO-water nanofluid in inclined C-shaped enclosures under the effect of nanoparticles Brownian motion. *Powder Technology*, **2017**, 308, 70-83	5.2	31
16	Effects of nanoparticles Brownian motion in a linearly/sinusoidally heated cavity with MHD natural convection in the presence of uniform heat generation/absorption. *Powder Technology*, **2016**, 295, 69-83	5.2	31
15	Simulation of the fast pyrolysis of Tunisian biomass feedstocks for bio-fuel production. *Comptes Rendus Chimie*, **2016**, 19, 466-474	2.7	10
14	LBM simulation of natural convection in an inclined triangular cavity filled with water. *AEJ - Alexandria Engineering Journal*, **2016**, 55, 1385-1394	6.1	23
13	Evaluation of the FTn Finite Volume Method for Transient Radiative Transfer in Anisotropically Scattering Medium. *Numerical Heat Transfer; Part A: Applications*, **2015**, 68, 1137-1154	2.3	6
12	Simulation of biofuel production via fast pyrolysis of palm oil residues. *Fuel*, **2015**, 159, 819-827	7.1	30
11	Augmentation of natural convective heat transfer in linearly heated cavity by utilizing nanofluids in the presence of magnetic field and uniform heat generation/absorption. *Powder Technology*, **2015**, 284, 312-325	5.2	31
10	Lattice Boltzmann simulation of natural convection in an L-shaped enclosure in the presence of nanofluid **2015**, 18, 503-511		15
9	Analysis of MHD natural convection in a nanofluid-filled open cavity with non uniform boundary condition in the presence of uniform heat generation/absorption. *Powder Technology*, **2015**, 269, 275-289	5.2	73
8	Lattice Boltzmann simulation of MHD natural convection in a nanofluid-filled cavity with linear temperature distribution. *Powder Technology*, **2014**, 256, 257-271	5.2	79
7	Magnetic field effect on entropy generation in a nanofluid-filled enclosure with sinusoidal heating on both side walls. *Powder Technology*, **2014**, 266, 340-353	5.2	62
6	Analysis of the entropy generation in a nanofluid-filled cavity in the presence of magnetic field and uniform heat generation/absorption. *Journal of Molecular Liquids*, **2014**, 198, 63-77	6	55
5	Lattice Boltzmann simulation of MHD natural convection in a nanofluid-filled cavity with linear temperature distribution **2014**,		4
4	Lattice Boltzmann simulation of MHD natural convection in a nanofluid-filled enclosure with non-uniform heating on both side walls **2014**,		2
3	A practical approach for modelling and control of biomass pyrolysis pilot plant with heat recovery from combustion of pyrolysis products. *Fuel Processing Technology*, **2009**, 90, 1278-1285	7.2	13
2	Application of the Finite-Volume Method to Study the Effects of Baffles on Radiative Heat Transfer in Complex Enclosures. *Numerical Heat Transfer; Part A: Applications*, **2009**, 55, 780-806	2.3	17

1	A PARAMETRIC STUDY OF RADIATIVE HEAT TRANSFER IN AN INDUSTRIAL COMBUSTOR OF WOOD CARBONIZATION FUMES. *Numerical Heat Transfer; Part A: Applications*, **2005**, 47, 825-847	2.3	9