Karim Ragui

List of Publications by Year
in descending order

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18	147	1163117 8	1281871 11
papers	citations	h-index	g-index

18	18	18	99
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural Convection Heat Transfer of a Nanofluid into a Cubical Enclosure: Lattice Boltzmann Investigation. Arabian Journal for Science and Engineering, 2016, 41, 1969-1980.	1.1	20
2	Slug frequency for a gas-liquid plug flow: Review and development of a new correlation. International Communications in Heat and Mass Transfer, 2020, 118, 104841.	5.6	17
3	Effect of the second outlet location and the applied magnetic field within a ventilated cubic cavity crossed by a nanofluid on mixed convection mode: best configurations. Journal of Thermal Analysis and Calorimetry, 2020, 139, 2243-2264.	3.6	15
4	On the validity of a numerical model predicting heat and mass transfer in porous square cavities with a bottom thermal and solute source: case of pollutants spreading and fuel leaks. Mechanics and Industry, 2016, 17, 311.	1.3	12
5	Progress on numerical simulation of yield stress fluid flows (Part I): Correlating thermosolutal coefficients of Bingham plastics within a porous annulus of a circular shape. International Journal of Heat and Mass Transfer, 2018, 126, 72-94.	4.8	12
6	Three-dimensional fluid flow simulation into a rectangular channel with partitions using the lattice-Boltzmann method. EPJ Applied Physics, 2016, 74, 24612.	0.7	11
7	Correlating heat and mass transfer coefficients for thermosolutal convection within a porous annulus of a circular shape: case of internal pollutants spreading. Heat and Mass Transfer, 2018, 54, 2061-2078.	2.1	9
8	Free convection enhancement within a nanofluidâ€™ filled enclosure with square heaters. International Journal of Heat and Technology, 2017, 35, 447-458.	0.6	9
9	Multiple-Relaxation-Time Lattice Boltzmann Model for Flow and Convective Heat Transfer in Channel with Porous Media. Journal of Statistical Physics, 2019, 174, 972-991.	1.2	7
10	NATURAL CONVECTION HEAT TRANSFER IN A DIFFERENTIALLY HEATED ENCLOSURE WITH ADIABATIC PARTITIONS AND FILLED WITH A BINGHAM FLUID. Heat Transfer Research, 2015, 46, 765-783.	1.6	7
11	TiO2-water nanofluid within a tilted triangular enclosure including a square heater: optimum heat transfer. Mechanics and Industry, 2016, 17, 612.	1.3	6
12	Two- and three-dimensional comparative study of heat transfer and pressure drop characteristics of nanofluids flow through a ventilated cubic cavity (part I: Newtonian nanofluids). Journal of Thermal Analysis and Calorimetry, 2021, 144, 623-646.	3.6	5
13	Pore-scale modeling on supercritical CO2 invasion in 3D micromodel with randomly arranged spherical cross-sections. Energy Reports, 2021, 7, 33-42.	5.1	5
14	Oscillatory flow of Kooâ€“Kleinstreuer and aggregate nanofluids in cylindrical annuli: Toward an innovative solution to deal with nanofluids instability. Physics of Fluids, 2021, 33, 042013.	4.0	4
15	Heat and Mass Transfer into a Porous Annulus Found Between Two Horizontal Concentric Circular Cylinders. Lecture Notes in Mechanical Engineering, 2017, , 511-522.	0.4	3
16	Circular heat and solute source within a viscoplastic porous enclosure: The critical source dimension for optimum transfers. International Journal of Heat and Technology, 2018, 36, 761-772.	0.6	3
17	Critical Dimension of a Circular Heat and Solute Source for an Optimum Transfer within Square Porous Enclosures. Energy Procedia, 2017, 139, 817-823.	1.8	1
18	About the Oscillatory Flow Phenomenon within 3D Cylindrical Annulus: Critical Buoyancy and Annulusâ€™ Aspect Ratio for Oscillation Stability. MATEC Web of Conferences, 2020, 307, 01040.	0.2	1