

M A Hassan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

186
citations

1163117

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1281871

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17
all docs

17
docs citations

17
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Convection of Viscoplastic Fluids in a Square Enclosure. <i>Journal of Heat Transfer</i> , 2013, 135, .	2.1	41
2	Rayleigh-Benard convection in Herschel-Bulkley fluid. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2015, 226, 32-45.	2.4	33
3	Heat transport in nanofluid coolant car radiator with louvered fins. <i>Powder Technology</i> , 2020, 376, 631-642.	4.2	30
4	Characterisation of paraffin-based hybrid rocket fuels loaded with nano-additives. <i>Journal of Experimental Nanoscience</i> , 2018, 13, S31-S44.	2.4	17
5	Chemical looping combustion with nanosize oxygen carrier: a review. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 787-798.	3.5	13
6	Natural convection of hybrid nanofluid heat transport and entropy generation in cavity by using Lattice Boltzmann Method. <i>Journal of the Indian Chemical Society</i> , 2022, 99, 100344.	2.8	13
7	Thermorheological Characterization of Elastoviscoplastic Carbopol Ultrez 20 Gel. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2015, 137, .	1.4	11
8	Ballistic and thermomechanical characterisation of paraffin-based hybrid rocket fuels loaded with light metal hydrides. <i>Acta Astronautica</i> , 2021, 178, 370-381.	3.2	10
9	Three-Dimensional Thermo-Hydraulic Analysis of Solar Air Heater With Equilateral Prism-Shaped Rib Roughness. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2020, 142, .	1.8	9
10	Heat Exchanger Assisted Exhaust Heat Recovery with Thermoelectric Generator in Heavy Vehicles. <i>Energy Technology</i> , 2021, 9, 2100037.	3.8	6
11	Free Convection in Viscoplastic Fluid due to Partial Bi-Heating From Bottom. , 2016, , .		1
12	Methanol-Filled Hybrid Photonic Crystal Fiber with High Birefringent and Negative Dispersion. <i>Brazilian Journal of Physics</i> , 2020, 50, 282-290.	1.4	1
13	Convective heat transport in yield stress nanofluids in a differentially heated square enclosure. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-24.	2.3	1
14	Inoculation Monitoring Device. , 2013, , .		0
15	Convective heat transport in Viscoplastic material due to localized heating: An Experimental approach. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 310, 012066.	0.6	0
16	An experimental investigation of Rayleigh Benard convective heat transport using MWCNT/water based nanofluids. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
17	Heat transfer augmentation in a mini-channel using MWCNT-water nanofluid as coolant. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0