

# M A Hassan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2903112/publications.pdf>

Version: 2024-02-01

17  
papers

186  
citations

1163117

8  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

149  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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        |
| 2  | 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        |
| 3  | 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        |
| 4  | Heat Exchanger Assisted Exhaust Heat Recovery with Thermoelectric Generator in Heavy Vehicles. <i>Energy Technology</i> , 2021, 9, 2100037.  | 3.8 | 6         |
| 5  | An experimental investigation of Rayleigh Benard convective heat transport using MWCNT/water based nanofluids. <i>AIP Conference Proceedings</i> , 2021, , .                                     | 0.4 | 0         |
| 6  | Heat transfer augmentation in a mini-channel using MWCNT-water nanofluid as coolant. <i>AIP Conference Proceedings</i> , 2021, , .   | 0.4 | 0         |
| 7  | Heat transport in nanofluid coolant car radiator with louvered fins. <i>Powder Technology</i> , 2020, 376, 631-642.  | 4.2 | 30        |
| 8  | 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         |
| 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 | Characterisation of paraffin-based hybrid rocket fuels loaded with nano-additives. <i>Journal of Experimental Nanoscience</i> , 2018, 13, S31-S44.   | 2.4 | 17        |
| 11 | 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         |
| 12 | Free Convection in Viscoplastic Fluid due to Partial Bi-Heating From Bottom. , 2016, , .   |     | 1         |
| 13 | 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        |
| 14 | Rayleigh-Benard convection in Herschel-Bulkley fluid. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2015, 226, 32-45.  | 2.4 | 33        |
| 15 | Inoculation Monitoring Device. , 2013, , .   |     | 0         |
| 16 | Natural Convection of Viscoplastic Fluids in a Square Enclosure. <i>Journal of Heat Transfer</i> , 2013, 135, .  | 2.1 | 41        |
| 17 | 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         |