

# Arslan Saleem

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

545  
citations

623734

14  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

314  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of oil flow distribution inside the in-wheel motor assembly of electric vehicles for improved thermal performance. <i>Applied Thermal Engineering</i> , 2022, 201, 117753.	6.0	15
2	Thermal efficiency of eco-friendly MXene based nanofluid for performance enhancement of a pin-fin heat sink: Experimental and numerical analyses. <i>International Journal of Heat and Mass Transfer</i> , 2022, 186, 122451.	4.8	26
3	Irreversibility and hydrothermal analysis of the MWCNTs/GNPs-based nanofluids for electronics cooling applications of the pin-fin heat sinks: Multiphase Eulerian-Lagrangian modeling. <i>Case Studies in Thermal Engineering</i> , 2022, 31, 101806.	5.7	22
4	Miscibility analysis of polyol-ester based oil SW32 with R404A and low-GWP refrigerant R452A. <i>International Journal of Refrigeration</i> , 2021, 129, 22-31.	3.4	7
5	Homogeneous and Multiphase Analysis of Nanofluids Containing Nonspherical MWCNT and GNP Nanoparticles Considering the Influence of Interfacial Layering. <i>Nanomaterials</i> , 2021, 11, 277.	4.1	17
6	Analysis of hydro-thermal and entropy generation characteristics of nanofluid in an aluminium foam heat sink by employing Darcy-Forchheimer-Brinkman model coupled with multiphase Eulerian model. <i>Applied Thermal Engineering</i> , 2020, 173, 115231.	6.0	46
7	Aerodynamic performance optimization of an airfoil-based airborne wind turbine using genetic algorithm. <i>Energy</i> , 2020, 203, 117841.	8.8	32
8	Effect of Peritectic Banded Structure on Magnetic Properties of SmCo5 Sintered Magnets. <i>Journal of Magnetism</i> , 2020, 25, 469-474.	0.4	0
9	Performance analysis of hybrid nanofluid in a heat sink equipped with sharp and streamlined micro pin-fins. <i>Powder Technology</i> , 2019, 355, 552-563.	4.2	88
10	Effect of rotor tip clearance on the aerodynamic performance of an aerofoil-based ducted wind turbine. <i>Energy Conversion and Management</i> , 2019, 201, 112186.	9.2	36
11	Performance of buoyant shell horizontal axis wind turbine under fluctuating yaw angles. <i>Energy</i> , 2019, 169, 79-91.	8.8	24
12	Numerical analysis of the heat transfer and fluid flow characteristics of a nanofluid-cooled micropin-fin heat sink using the Eulerian-Lagrangian approach. <i>Powder Technology</i> , 2019, 345, 509-520.	4.2	38
13	Pin-fin shape-dependent heat transfer and fluid flow characteristics of water- and nanofluid-cooled micropin-fin heat sinks: Square, circular and triangular fin cross-sections. <i>Applied Thermal Engineering</i> , 2019, 158, 113781.	6.0	81
14	Aerodynamic analysis of an airborne wind turbine with three different aerofoil-based buoyant shells using steady RANS simulations. <i>Energy Conversion and Management</i> , 2018, 177, 233-248.	9.2	41
15	Effect of rotor axial position on the aerodynamic performance of an airborne wind turbine system in shell configuration. <i>Energy Conversion and Management</i> , 2017, 151, 587-600.	9.2	22
16	Air-side thermal hydraulic performance of microchannel heat exchangers with different fin configurations. <i>Applied Thermal Engineering</i> , 2017, 125, 780-789.	6.0	29
17	CFD Analysis on the Air-Side Thermal-Hydraulic Performance of Multi-Louvered Fin Heat Exchangers at Low Reynolds Numbers. <i>Energies</i> , 2017, 10, 823.	3.1	21