Sheikh Khaleduzzaman Shah

List of Publications by Year in Descending Order

27 papers	1,129 citations	16 h-index	28 g-index
28 ext. papers	1,354 ext. citations	4.9 avg, IF	4.44 L-index

#	Paper	IF	Citations
27	Metal-Air Batteries: A Review. *Energies*, **2021**, 14, 7373	3.1	16
26	Multi-objective optimisation of a seasonal solar thermal energy storage system for space heating in cold climate. *Applied Energy*, **2020**, 268, 115047	10.7	9
25	Simulated performance of a borehole-coupled heat pump seasonal solar thermal storage system for space heating in cold climate. *Solar Energy*, **2020**, 202, 365-385	6.8	7
24	Undisturbed ground temperature in Melbourne **2019**,		2
23	Thermal Storage Technologies for Space Cooling and Heating. *Green Energy and Technology*, **2018**, 327-339	0.6	0
22	Seasonal thermal energy storage system for cold climate zones: A review of recent developments. *Renewable and Sustainable Energy Reviews*, **2018**, 97, 38-49	16.2	46
21	Experimental analysis of energy and friction factor for titanium dioxide nanofluid in a water block heat sink. *International Journal of Heat and Mass Transfer*, **2017**, 115, 77-85	4.9	24
20	Performance evaluation of a shell and tube heat exchanger operated with oxide based nanofluids. *Heat and Mass Transfer*, **2016**, 52, 1425-1433	2.2	15
19	Exergy and entropy generation analysis of TiO2/water nanofluid flow through the water block as an electronics device. *International Journal of Heat and Mass Transfer*, **2016**, 101, 104-111	4.9	37
18	Stability of Al2O3-water Nanofluid for Electronics Cooling System. *Procedia Engineering*, **2015**, 105, 406-411		19
17	Cooling performance investigation of electronics cooling system using Al2O3/H2O nanofluid. *International Communications in Heat and Mass Transfer*, **2015**, 65, 89-93	5.8	43
16	Convective Performance of 0.1% Volume Fraction of TiO2/water Nanofluid in an Electronic Heat Sink. *Procedia Engineering*, **2015**, 105, 412-417		13
15	Experimental investigation on effect of ultrasonication duration on colloidal dispersion and thermophysical properties of alumina/water nanofluid. *International Journal of Heat and Mass Transfer*, **2015**, 88, 73-81	4.9	69
14	Experimental investigation on the thermo-physical properties of Al2O3 nanoparticles suspended in car radiator coolant. *International Communications in Heat and Mass Transfer*, **2014**, 54, 48-53	5.8	141
13	Effectiveness Study of a Shell and Tube Heat Exchanger Operated with Nanofluids at Different Mass Flow Rates. *Numerical Heat Transfer; Part A: Applications*, **2014**, 65, 699-713	2.3	45
12	Effect of Ultrasonication Duration on Colloidal Structure and Viscosity of Alumina/Water Nanofluid. *Industrial & Engineering Chemistry Research*, **2014**, 53, 6677-6684	3.9	115
11	A comparative review on the specific heat of nanofluids for energy perspective. *Renewable and Sustainable Energy Reviews*, **2014**, 38, 88-98	16.2	136

10	Energy and exergy analysis of alumina□water nanofluid for an electronic liquid cooling system. *International Communications in Heat and Mass Transfer*, **2014**, 57, 118-127	5.8	52
9	Energy, Exergy, and Friction Factor Analysis of Nanofluid as a Coolant for Electronics. *Industrial & Engineering Chemistry Research*, **2014**, 53, 10512-10518	3.9	10
8	Rheological behavior of Al2O3/R141b nanorefrigerant. *International Journal of Heat and Mass Transfer*, **2014**, 73, 118-123	4.9	25
7	An experimental investigation of heat transfer enhancement of a minichannel heat sink using Al2O3□H2O nanofluid. *International Journal of Heat and Mass Transfer*, **2014**, 74, 164-172	4.9	119
6	Energy and Environmental Effects of Shell and Tube Heat Exchanger by Using Nanofluid as a Coolant□*Journal of Chemical Engineering of Japan*, **2014**, 47, 340-344	0.8	11
5	Effect of particle concentration, temperature and surfactant on surface tension of nanofluids. *International Communications in Heat and Mass Transfer*, **2013**, 49, 110-114	5.8	93
4	Analysis of entropy generation using nanofluid flow through the circular microchannel and minichannel heat sink. *International Communications in Heat and Mass Transfer*, **2013**, 46, 85-91	5.8	64
3	Investigation of Heat Transfer Performances of Nanofluids Flow through a Circular Minichannel Heat Sink for Cooling of Electronics. *Advanced Materials Research*, **2013**, 832, 166-171	0.5	1
2	Global Effects of MWCNT-W Nanofluid in a Shell & Tube Heat Exchanger. *Advanced Materials Research*, **2013**, 832, 154-159	0.5	6
1	Nanofluids for Thermal Performance Improvement in Cooling of Electronic Device. *Advanced Materials Research*, **2013**, 832, 218-223	0.5	11