

# Madhusree Kole

## List of Publications by Year in descending order

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14  
papers

1,476  
citations

840776

11  
h-index

1058476

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all docs

14  
docs citations

14  
times ranked

1362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy efficient thermal management at low Reynolds number with air-ferrofluid Taylor bubble flows. <i>International Communications in Heat and Mass Transfer</i> , 2022, 135, 106109.	5.6	3
2	Engineering applications of ferrofluids: A review. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 537, 168222.	2.3	111
3	Pool Boiling Heat Transfer and Critical Heat Flux Enhancement of Copper Nanoparticles Dispersed in Distilled Water. <i>Journal of Nanofluids</i> , 2014, 3, 85-96.	2.7	9
4	Enhanced thermophysical properties of copper nanoparticles dispersed in gear oil. <i>Applied Thermal Engineering</i> , 2013, 56, 45-53.	6.0	92
5	Investigation of thermal conductivity, viscosity, and electrical conductivity of graphene based nanofluids. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	207
6	Thermophysical and pool boiling characteristics of ZnO-ethylene glycol nanofluids. <i>International Journal of Thermal Sciences</i> , 2012, 62, 61-70.	4.9	89
7	Percolation based enhancement in effective thermal conductivity of HDPE/LBSMO composites. <i>Bulletin of Materials Science</i> , 2012, 35, 601-609.	1.7	8
8	Investigations on the pool boiling heat transfer and critical heat flux of ZnO-ethylene glycol nanofluids. <i>Applied Thermal Engineering</i> , 2012, 37, 112-119.	6.0	81
9	Effect of prolonged ultrasonication on the thermal conductivity of ZnO-ethylene glycol nanofluids. <i>Thermochimica Acta</i> , 2012, 535, 58-65.	2.7	114
10	Role of interfacial layer and clustering on the effective thermal conductivity of CuO-gear oil nanofluids. <i>Experimental Thermal and Fluid Science</i> , 2011, 35, 1490-1495.	2.7	96
11	Effect of aggregation on the viscosity of copper oxide-gear oil nanofluids. <i>International Journal of Thermal Sciences</i> , 2011, 50, 1741-1747.	4.9	252
12	Effective thermal conductivity and coefficient of linear thermal expansion of high-density polyethylene-fly ash composites. <i>Indian Journal of Physics</i> , 2011, 85, 559-573.	1.8	30
13	Viscosity of alumina nanoparticles dispersed in car engine coolant. <i>Experimental Thermal and Fluid Science</i> , 2010, 34, 677-683.	2.7	232
14	Thermal conductivity and viscosity of Al <sub>2</sub> O <sub>3</sub> nanofluid based on car engine coolant. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 315501.	2.8	152