

# Madhusree Kole

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11685044/publications.pdf>

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14  
papers

1,476  
citations

840776

11  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1362  
citing authors

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