

Experimental study on density, thermal conductivity, s  
water-ethylene glycol mixture dispersed with carbon n

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Citation Report

#	ARTICLE	IF	CITATIONS
1	An experimental study on stability and some thermophysical properties of multiwalled carbon nanotubes with water-ethylene glycol mixtures. <i>Particulate Science and Technology</i> , 2017, 35, 547-554.	1.1	23
2	Rheological analysis of MWCNT, TiO <sub>2</sub> , CuO based Nano-Fluids under varying temperatures and concentrations. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 402, 012178.	0.3	1
3	Modified Two-Step Method to Prepare Long-Term Stable CNT Nanofluids for Heat Transfer Applications. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 6155-6163.	1.7	23
4	Nanofluids- A Novel Approach of Enhancing the Heat Transfer. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2019, , 695-713.	0.4	0
5	Experimental study on thermal properties and electrical conductivity of stabilized H <sub>2</sub> O-solar glycol mixture based multi-walled carbon nanotube nanofluids: developing a new correlation. <i>Heliyon</i> , 2019, 5, e02385.	1.4	24
6	An experimental investigation and modelling of the thermal and caloric properties of nanofluids isopropyl alcohol - Al <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Thermochimica Acta</i> , 2019, 678, 178296.	1.2	11
7	An experimental study on MWCNT-water nanofluids flow and heat transfer in double-pipe heat exchanger using porous media. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 1797-1807.	2.0	122
8	Effects of temperature and particles volume concentration on the thermophysical properties and the rheological behavior of CuO/MgO/TiO <sub>2</sub> aqueous ternary hybrid nanofluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 879-901.	2.0	106
9	Characterization of thermal and electrical properties of hybrid nanofluids prepared with multi-walled carbon nanotubes and Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>International Communications in Heat and Mass Transfer</i> , 2020, 117, 104603.	2.9	28
10	Experimental Research and Development on the Natural Convection of Suspensions of Nanoparticles- A Comprehensive Review. <i>Nanomaterials</i> , 2020, 10, 1855.	1.9	26
11	Temperature and concentration dependencies of the saturated vapor pressure for the solutions of nanoparticles AL <sub>2</sub> O <sub>3</sub> in isopropanol and fullerenes C <sub>60</sub> in o-xylene. <i>Journal of Molecular Liquids</i> , 2020, 319, 114362.	2.3	5
12	Improving ethylene glycol transport properties by caffeine - Thermodynamic and computational evidence. <i>Journal of Molecular Liquids</i> , 2021, 333, 115918.	2.3	4
13	A review on stabilization of carbon nanotube nanofluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 6537-6561.	2.0	20
14	Experimental investigations of stability, density, thermal conductivity, and electrical conductivity of solar glycol-amine-functionalized graphene and MWCNT-based hybrid nanofluids. <i>Environmental Science and Pollution Research</i> , 2022, 29, 8731-8745.	2.7	7
15	Effects of ultrasonication and surfactant on the thermal and electrical conductivity of water - Solar glycol mixture based Al <sub>2</sub> O <sub>3</sub> nanofluids for solar-thermal applications. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 47, 101371.	1.7	10
16	A review of recent advances in green nanofluids and their application in thermal systems. <i>Chemical Engineering Journal</i> , 2022, 429, 132321.	6.6	52
17	Thermophysical properties of nanofluids. , 2022, , 39-96.		2
18	The Dielectric Study of Ethylene Glycol as a Coolant Using Davidson- Cole Relaxation Model. <i>Current Journal of Applied Science and Technology</i> , 2019, 32, 1-7.	0.3	4

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19	Study on viscosity of MWCNT dispersed in ethylene glycol at different operating conditions for thermal applications. <i>Journal of Physics: Conference Series</i> , 2021, 2054, 012047.	0.3	0
20	Experimental investigation of heat transfer performance of novel bio-extract doped mono and hybrid nanofluids in a radiator. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101494.	2.8	15
21	Effect of Temperature and Multiwalled Carbon Nanotubes Concentration on Thermophysical Properties of Water Base Nanofluid. <i>International Journal of Mechanical and Production Engineering Research and Development</i> , 2017, 7, 151-160.	0.1	1
22	A comprehensive analysis of nanofluids and their practical applications for flat plate solar collectors: Fundamentals, thermophysical properties, stability, and difficulties. <i>Energy Reports</i> , 2022, 8, 4461-4490.	2.5	40
23	Performance characterization of a solar-powered shell and tube heat exchanger utilizing MWCNTs/water-based nanofluids: An experimental, numerical, and artificial intelligence approach. <i>Applied Thermal Engineering</i> , 2022, 212, 118633.	3.0	43
24	Mild acid-based surfactant-free solutions of single-walled carbon nanotubes: Highly viscous, less toxic, and humidity-insensitive solutions. <i>Chemical Engineering Journal</i> , 2022, 450, 137983.	6.6	5
25	Synthesis, stability, thermophysical properties and heat transfer applications of nanofluid – A review. <i>Journal of Molecular Liquids</i> , 2022, 364, 120034.	2.3	60
26	Thermophysical dispersion properties of agricultural biomass particles in ethylene glycol. <i>International Journal of Thermofluids</i> , 2022, 16, 100226.	4.0	1
27	Experimental examination of the properties of Fe <sub>3</sub> O <sub>4</sub> /water nanofluid, and an estimation of a correlation using an artificial neural network. <i>Journal of Molecular Liquids</i> , 2023, 374, 121150.	2.3	7
28	Experimental investigation on the thermophysical properties of the ionic liquid-based binary system for heat transfer applications. <i>Thermal Science</i> , 2023, , 31-31.	0.5	0
29	Assessment of Thermophysical Properties of Hybrid Nanoparticles [Graphene Nanoplatelets (GNPs) and Cellulose Nanocrystal (CNC)] in a Base Fluid for Heat Transfer Applications. <i>International Journal of Thermophysics</i> , 2023, 44, .	1.0	4
30	Performance Analysis of Solar Still by Using Octagonal-Pyramid Shape in the Solar Desalination Techniques. <i>International Journal of Photoenergy</i> , 2023, 2023, 1-9.	1.4	0
31	Reliable prediction of thermophysical properties of nanofluids for enhanced heat transfer in process industry: a perspective on bridging the gap between experiments, CFD and machine learning. <i>Journal of Thermal Analysis and Calorimetry</i> , 2023, 148, 5859-5881.	2.0	5