

Thierry MarÃ©©

List of Publications by Year in descending order

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30
papers

1,715
citations

430874

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454955

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docs citations

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times ranked

1490
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Viscosity of Purified Multi-Walled Carbon Nanotubes Water and Water-Propylene Glycol-Based Nanofluids. <i>Heat Transfer Engineering</i> , 2021, 42, 1663-1674.	1.9	5
2	Experimental Study of a Heat Pump for Simultaneous Cooling and Desalination by Membrane Distillation. <i>Membranes</i> , 2021, 11, 725.	3.0	6
3	Shear flow behavior and dynamic viscosity of few-layer graphene nanofluids based on propylene glycol-water mixture. <i>Journal of Molecular Liquids</i> , 2020, 316, 113875.	4.9	19
4	Few-Layer Graphene-Based Nanofluids with Enhanced Thermal Conductivity. <i>Nanomaterials</i> , 2020, 10, 1258.	4.1	29
5	Volumetric Properties and Surface Tension of Few-Layer Graphene Nanofluids Based on a Commercial Heat Transfer Fluid. <i>Energies</i> , 2020, 13, 3462.	3.1	4
6	Surface tension of functionalized MWCNT-based nanofluids in water and commercial propylene-glycol mixture. <i>Journal of Molecular Liquids</i> , 2019, 293, 111473.	4.9	28
7	Thermal and hydrodynamic performance of a microchannel heat sink with carbon nanotube nanofluids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 937-945.	3.6	23
8	Simulation of heat pumps for simultaneous heating and cooling using CO ₂ . <i>International Journal of Refrigeration</i> , 2019, 106, 616-627.	3.4	18
9	Natural convection of CNT water-based nanofluids in a differentially heated square cavity. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 1765-1770.	3.6	61
10	Design study of the coupling of an air gap membrane distillation unit to an air conditioner. <i>Desalination</i> , 2017, 420, 308-317.	8.2	19
11	Thermophysical properties and heat transfer performance of carbon nanotubes water-based nanofluids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 2075-2081.	3.6	45
12	THERMAL AND HYDRODYNAMIC PERFORMANCE OF A MICROCHANNEL HEAT SINK COOLED WITH CARBON NANOTUBES NANOFLUID. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	1
13	CONSIDERATION OF CARBON NANOTUBE-BASED NANOFLUID IN THERMAL TRANSFER.. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	1
14	Unexpected sharp peak in thermal conductivity of carbon nanotubes water-based nanofluids. <i>International Communications in Heat and Mass Transfer</i> , 2015, 66, 80-83.	5.6	30
15	A review on the coupling of cooling, desalination and solar photovoltaic systems. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 703-717.	16.4	64
16	Thermal conductivity of CNT water based nanofluids: Experimental trends and models overview. <i>Journal of Thermal Engineering</i> , 2015, 1, 381.	1.6	76
17	Optimization of thermal performances and pressure drop of rectangular microchannel heat sink using aqueous carbon nanotubes based nanofluid. <i>Applied Thermal Engineering</i> , 2014, 62, 492-499.	6.0	114
18	Heat transfer properties of aqueous carbon nanotubes nanofluids in coaxial heat exchanger under laminar regime. <i>Experimental Thermal and Fluid Science</i> , 2014, 55, 174-180.	2.7	52

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19	Efficiency of carbon nanotubes water based nanofluids as coolants. <i>Experimental Thermal and Fluid Science</i> , 2014, 53, 104-110.	2.7	189
20	Experimental Investigation of Rheological Behavior and Pressure Drop of Aqueous Suspensions of Carbon Nanotubes in a Horizontal Tube. <i>Procedia Engineering</i> , 2013, 56, 344-349.	1.2	3
21	Viscosity of carbon nanotubes water-based nanofluids: Influence of concentration and temperature. <i>International Journal of Thermal Sciences</i> , 2013, 71, 111-117.	4.9	235
22	Shear History Effect on the Viscosity of Carbon Nanotubes Water-based Nanofluid. <i>Current Nanoscience</i> , 2013, 9, 225-230.	1.2	40
23	Experimental investigations of the viscosity of nanofluids at low temperatures. <i>Applied Energy</i> , 2012, 97, 876-880.	10.1	174
24	Experimental Study of the Freezing Point of $\text{Al}_2\text{O}_3/\text{Water}$ Nanofluid. <i>Advances in Mechanical Engineering</i> , 2012, 4, 162961.	1.6	12
25	Comparison of the thermal performances of two nanofluids at low temperature in a plate heat exchanger. <i>Experimental Thermal and Fluid Science</i> , 2011, 35, 1535-1543.	2.7	162
26	Experimental and numerical study of mixed convection with flow reversal in coaxial double-duct heat exchangers. <i>Experimental Thermal and Fluid Science</i> , 2008, 32, 1096-1104.	2.7	15
27	Heat transfer enhancement in turbulent tube flow using Al_2O_3 nanoparticle suspension. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2006, 16, 275-292.	2.8	252
28	Experimental analysis of mixed convection in inclined tubes. <i>Applied Thermal Engineering</i> , 2006, 26, 1677-1683.	6.0	18
29	Numerical and experimental visualization of reverse flow in an inclined isothermal tube. <i>Experimental Thermal and Fluid Science</i> , 2005, 30, 9-15.	2.7	9
30	Mixed convection with flow reversal in the entrance region of inclined tubes. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2005, 15, 740-756.	2.8	11