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Performance investigation of multiwall carbon nanotubes based water/oil nanofluids for high pressure and high temperature solar thermal technologies for sustainable energy systems

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22	A nanomaterial integrated technology approach to enhance the energy-water-food nexus. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 145, 111118	16.2	5
21	State-of-the-art review on water-based nanofluids for low temperature solar thermal collector application. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 230, 111220	6.4	12
20	A comprehensive review on advances of oil-based nanofluids for concentrating solar thermal collector application. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116771	6	9
19	Efficiency enhancement of a solar dish collector operating with a novel soybean oil-based-MXene nanofluid and different cavity receivers. <i>Journal of Cleaner Production</i> , 2021 , 317, 128430	10.3	6
18	Should low carbon energy technologies be envisaged in the context of sustainable energy systems?. 2021 , 357-389		3
17	Performance of thermal storage system with water based nanofluids. <i>Materials Today: Proceedings</i> , 2021 ,	1.4	
16	Exploiting the thermal and rheological potentials of graphene-PAG nanolubricant for the development of energy efficient refrigeration systems. <i>Materials Today: Proceedings</i> , 2021 ,	1.4	0
15	Experimental investigation on thermophysical properties of Therminol \square 55 based hybrid nanofluids with alumina and graphene nanoplatelets for medium temperature applications. <i>Thermal Science and Engineering Progress</i> , 2021 , 26, 101116	3.6	1
14	Evaluation of thermal and rheological characteristics of CNT-PAG nanolubricant for the development of energy efficient refrigeration systems. <i>Materials Today: Proceedings</i> , 2022 ,	1.4	0
13	Characterization and Performance Analysis of Non-Metallic Oxide Nano-Fluids in Compound Parabolic Trough Solar Collectors. <i>Engineering Proceedings</i> , 2021 , 12, 88	0.5	
12	Experimental investigation on thermal performance of covalently functionalized hydroxylated and non-covalently functionalized multi-walled carbon nanotubes/transformer oil nanofluid. <i>Case Studies in Thermal Engineering</i> , 2022 , 31, 101713	5.6	1
11	Ultrasonication time optimization for multi-walled carbon nanotube based Therminol-55 nanofluid: an experimental investigation. <i>Journal of Thermal Analysis and Calorimetry</i> , 1	4.1	2
10	Experimental study on cooling performance of water-based hybrid nanofluid with PCM and graphene nanoparticles. <i>Case Studies in Thermal Engineering</i> , 2022 , 33, 101939	5.6	0
9	Graphene-based deep eutectic solvent nanofluids with high photothermal conversion and high-grade energy. <i>Renewable Energy</i> , 2022 , 190, 935-944	8.1	0
8	A comprehensive review on the impact of nanofluid in solar photovoltaic/thermal system. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 095440622110556	1.3	
7	An experimental study on the air refinement and heat recovery of hybrid TiO ₂ -Ag nanofluids. <i>Journal of Thermal Analysis and Calorimetry</i> ,	4.1	1

6	Performance investigation of Graphene Oxide-based water/oil nanofluids for high pressure and high temperature solar thermal technologies for sustainable energy systems. 2022 , 100420	0
5	Scrutinization of Slip Due to Lateral Velocity on the Dynamics of Engine Oil Conveying Cupric and Alumina Nanoparticles Subject to Coriolis Force. 2022 , 2022, 1-13	3
4	Investigation of a temperature-sensitive ferrofluid to predict heat transfer and irreversibilities in LS-3 solar collector under line dipole magnetic field and a rotary twisted tape. 2023 , 185, 108104	0
3	Performance Characteristic Analysis of Metallic and Non-Metallic Oxide Nanofluids for a Compound Parabolic Collector: Improvement of Renewable Energy Technologies in Buildings. 2023 , 16, 1298	0
2	Effectiveness of the use of nanofluids in concentrated solar power plants [Electrical and environmental assessment]. 2023 , 45, 10-20	0
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