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Comparative performance evaluation of fly ash-based hybrid nanofluids in microchannel-based direct absorption solar collector

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Journal of Thermal Analysis and Calorimetry, 2021, 143, 1713-1726.

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31	Design of an environmentally friendly fuel based on a synthetic composite nano-catalyst through parameter estimation and process modeling. <i>Chemical Product and Process Modeling</i> , 2020 ,	1.1	0
30	Thermal conductivity enhancement for CuO nanoflakes in oil-based and oil blend-based nanofluids. <i>Journal of the Chinese Chemical Society</i> , 2021 , 68, 1400-1404	1.5	3
29	Numerical evaluation of the heat transfer in a shell and corrugated coil tube heat exchanger with three various water-based nanofluids. <i>Heat Transfer</i> , 2021 , 50, 6043-6067	3.1	5
28	Synthesis and Application of Ternary Nanofluid for Photovoltaic-Thermal System: Comparative Analysis of Energy and Exergy Performance with Single and Hybrid Nanofluids. <i>Energies</i> , 2021 , 14, 4434	3.1	8
27	The sono-photocatalytic performance of a novel water based Ti+4 coated Al(OH)3-MWCNT@ hybrid nanofluid for dye fragmentation. <i>International Journal of Chemical Reactor Engineering</i> , 2021 , 19, 901-912	1.2	10
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25	Modeling of a direct absorption parabolic trough collector based on using nanofluid: 4E assessment and water-energy nexus analysis. <i>Energy</i> , 2022 , 244, 123170	7.9	1
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2	Investigation of thermal characteristics and entropy generation in a solar collector including Fly Ash-Cu hybrid nanofluids: Numerical approach using mixture model. 2023 , 152, 169-184	0
1	Application of emulsion nanofluid membrane for the removal of methylene blue dye: stability study.	0