

Mohamed Hamdi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis of an integrated collector storage system with vacuum glazing and compound parabolic concentrator. Applied Thermal Engineering, 2020, 169, 114958.	3.0	13
2	Dynamic modeling of solar thermal collectors for domestic hot water production using TRNSYS. Euro-Mediterranean Journal for Environmental Integration, 2021, 6, 1.	0.6	8
3	Assessment of Uncertainties in Energetic and Exergetic Performances of a Flat Plate Solar Water Heater. Mathematical Problems in Engineering, 2020, 2020, 1-12.	0.6	6
4	Energetic and economic analysis of a new integrated collector storage with honeycomb transparent insulation (<scp>ICSHTI</scp>). Environmental Progress and Sustainable Energy, 2020, 39, e13428.	1.3	6
5	Long-Term Performances and Technoeconomic and Environmental Assessment of Al ₂ O ₃ /Water and MWCNT/Oil Nanofluids in Three Solar Collector Technologies. Journal of Nanomaterials, 2021, 2021, 1-18.	1.5	5
6	Link-Wise Artificial Compressibility Method for attached and separated flows past airfoils. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1767-1777.	0.9	4
7	Analysis of an uncovered photovoltaic/thermal solar system powering a seawater reverse osmosis desalination plant. Environmental Progress and Sustainable Energy, 0, , e13753.	1.3	4
8	Double-Population Link-Wise Artificial Compressibility Method for Simulating Two-Dimensional Magnetoconvection. Mathematical Problems in Engineering, 2019, 2019, 1-11.	0.6	3
9	Thermal performance study of a vacuum integrated solar storage collector (ISSC) with compound parabolic concentrator (CPC). International Journal of Energy Research, 2020, 44, 756-770.	2.2	3
10	Mixed convection heat transfer of nanofluid over microscale vertical duct preceded with a double-step expansion using Lattice Boltzmann Method. Journal of Thermal Science and Technology, 2016, 11, JTST0003-JTST0003.	0.6	2
11	Lattice Boltzmann simulation of the cubic magnetoconvection with coupled revised matrix-multiple relaxation time model. Progress in Computational Fluid Dynamics, 2018, 18, 376.	0.1	0
12	Lattice Boltzmann simulation of the cubic magnetoconvection with coupled revised matrix-multiple relaxation time model. Progress in Computational Fluid Dynamics, 2018, 18, 376.	0.1	0
13	Large Eddy Simulation-Based Lattice Boltzmann Method with Different Collision Models. Green Energy and Technology, 2018, , 661-683.	0.4	0