

Engin Gedik

List of Publications by Year in descending order

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papers

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citations

471509

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829
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation on thermo hydraulic performance of ferronanofluid flow in a dimpled tube under magnetic field effect. <i>Experimental Heat Transfer</i> , 2023, 36, 312-330.	3.2	8
2	The effect of MHD flow on hydrothermal characteristics of ferro-nano-fluid in circular pipe. <i>Experimental Heat Transfer</i> , 2023, 36, 617-631.	3.2	4
3	Effect of constant magnetic field on Fe ₃ O ₄ -Cu/water hybrid nanofluid flow in a circular pipe. <i>Heat and Mass Transfer</i> , 2022, 58, 707-717.	2.1	13
4	Numerical investigation on turbulent flow and heat transfer characteristics of ferro-nanofluid flowing in dimpled tube under magnetic field effect. <i>Applied Thermal Engineering</i> , 2022, 200, 117655.	6.0	42
5	An experimental and artificial neural network investigation on the laminar flow of magnetorheological fluids through circular pipes. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 546, 168893.	2.3	7
6	Implementation of hybrid nanofluid flowing in dimpled tube subjected to magnetic field. <i>International Communications in Heat and Mass Transfer</i> , 2022, 134, 106032.	5.6	25
7	Effects of using nanofluid, applying a magnetic field, and placing turbulators in channels on the convective heat transfer: A comprehensive review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 162, 112453.	16.4	36
8	Effect of Al ₂ O ₃ -SiO ₂ /Water Hybrid Nanofluid Filled in a Square Enclosure on the Natural Convective Heat Transfer Characteristics: A Numerical Study. <i>Journal of Nanofluids</i> , 2022, 11, 772-781.	2.7	4
9	Transient nanofluid flow and energy dissipation from wavy surface using magnetic field and two rotating cylinders. <i>Computers and Mathematics With Applications</i> , 2021, 97, 329-343.	2.7	16
10	Numerical investigation of laminar forced convection and entropy generation of Fe ₃ O ₄ /water nanofluids in different cross-sectioned channel geometries. <i>Journal of Thermal Engineering</i> , 2021, 7, 1752-1767.	1.6	10
11	Impacts of heated rotating inner cylinder and two-phase nanofluid model on entropy generation and mixed convection in a square cavity. <i>Heat and Mass Transfer</i> , 2020, 56, 321-338.	2.1	52
12	Comparison of bi-directional multi-wave alternating magnetic field effect on ferromagnetic nanofluid flow in a circular pipe under laminar flow conditions. <i>Applied Thermal Engineering</i> , 2020, 179, 115624.	6.0	21
13	Effects of two-phase nanofluid model and localized heat source/sink on natural convection in a square cavity with a solid circular cylinder. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 346, 952-981.	6.6	42
14	Electrical field effect on three-dimensional magnetohydrodynamic pipe flow: a CFD study. <i>Progress in Computational Fluid Dynamics</i> , 2016, 16, 261.	0.2	5
15	Experimental investigation of the thermal performance of a two-phase closed thermosyphon at different operating conditions. <i>Energy and Buildings</i> , 2016, 127, 1096-1107.	6.7	73
16	Experimental investigation on the thermal performance of heat recovery system with gravity assisted heat pipe charged with R134a and R410A. <i>Applied Thermal Engineering</i> , 2016, 99, 334-342.	6.0	24
17	Experimental Investigation of a Household Refrigerator Performance Using Chimney-Type Condenser. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 1691-1697.	1.1	2
18	FT KADEMELÄ DOĞALGAZ BASINĖ REGÖLATA-RÖN HESAPLAMALI AKIŞKANLAR DÄNAMÖÖZÖ ÖLE SAYIŞAL ANALÖ <i>Journal of Science and Technology</i> , 2016, 2, 14-14.	0.1	1

#	ARTICLE	IF	CITATIONS
19	The prediction of photovoltaic module temperature with artificial neural networks. Case Studies in Thermal Engineering, 2014, 3, 11-20.	5.7	70
20	The artificial neural network model to estimate the photovoltaic modul efficiency for all regions of the Turkey. Energy and Buildings, 2014, 84, 258-267.	6.7	22
21	Three dimensional numerical analysis of magnetic field effect on Convective heat transfer during the MHD steady state laminar flow of liquid lithium in a cylindrical pipe. Computers and Fluids, 2013, 88, 410-417.	2.5	26
22	Determination of optimum insulation thickness of external walls with two different methods in cooling applications. Applied Thermal Engineering, 2013, 50, 217-224.	6.0	72
23	Two-dimensional CFD simulation of magnetorheological fluid between two fixed parallel plates applied external magnetic field. Computers and Fluids, 2012, 63, 128-134.	2.5	57
24	Unsteady flow of two-phase fluid in circular pipes under applied external magnetic and electrical fields. International Journal of Thermal Sciences, 2012, 53, 156-165.	4.9	15
25	Investigation on thermal performance calculation of two type solar air collectors using artificial neural network. Expert Systems With Applications, 2011, 38, 1668-1674.	7.6	101
26	Performance investigation of the Afyon geothermal district heating system for building applications: Exergy analysis. Applied Thermal Engineering, 2011, 31, 1229-1237.	6.0	40
27	An investigation on renewable energy education at the university level in Turkey. Renewable Energy, 2011, 36, 1293-1297.	8.9	50
28	Performance analysis of open cycle gas turbines. International Journal of Energy Research, 2009, 33, 285-294.	4.5	75