Engin Gedik

List of Publications by Year
in descending order

28 papers	913 citations	471509 17 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	829 citing authors

#	Article	IF	Citations
1	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
2	Performance analysis of open cycle gas turbines. International Journal of Energy Research, 2009, 33, 285-294.	4.5	75
3	Experimental investigation of the thermal performance of a two-phase closed thermosyphon at different operating conditions. Energy and Buildings, 2016, 127, 1096-1107.	6.7	73
4	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
5	The prediction of photovoltaic module temperature with artificial neural networks. Case Studies in Thermal Engineering, 2014, 3, 11-20.	5.7	70
6	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
7	Impacts of heated rotating inner cylinder and two-phase nanofluid model on entropy generation and mixed convection in a square cavity. Heat and Mass Transfer, 2020, 56, 321-338.	2.1	52
8	An investigation on renewable energy education at the university level in Turkey. Renewable Energy, 2011, 36, 1293-1297.	8.9	50
9	Effects of two-phase nanofluid model and localized heat source/sink on natural convection in a square cavity with a solid circular cylinder. Computer Methods in Applied Mechanics and Engineering, 2019, 346, 952-981.	6.6	42
10	Numerical investigation on turbulent flow and heat transfer characteristics of ferro-nanofluid flowing in dimpled tube under magnetic field effect. Applied Thermal Engineering, 2022, 200, 117655.	6.0	42
11	Performance investigation of the Afyon geothermal district heating system for building applications: Exergy analysis. Applied Thermal Engineering, 2011, 31, 1229-1237.	6.0	40
12	Effects of using nanofluid, applying a magnetic field, and placing turbulators in channels on the convective heat transfer: A comprehensive review. Renewable and Sustainable Energy Reviews, 2022, 162, 112453.	16.4	36
13	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
14	Implementation of hybrid nanofluid flowing in dimpled tube subjected to magnetic field. International Communications in Heat and Mass Transfer, 2022, 134, 106032.	5.6	25
15	Experimental investigation on the thermal performance of heat recovery system with gravity assisted heat pipe charged with R134a and R410A. Applied Thermal Engineering, 2016, 99, 334-342.	6.0	24
16	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
17	Comparison of bi-directional multi-wave alternating magnetic field effect on ferromagnetic nanofluid flow in a circular pipe under laminar flow conditions. Applied Thermal Engineering, 2020, 179, 115624.	6.0	21
18	Transient nanofluid flow and energy dissipation from wavy surface using magnetic field and two rotating cylinders. Computers and Mathematics With Applications, 2021, 97, 329-343.	2.7	16

#	Article	IF	Citations
19	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
20	Effect of constant magnetic field on Fe3O4-Cu/water hybrid nanofluid flow in a circular pipe. Heat and Mass Transfer, 2022, 58, 707-717.	2.1	13
21	Numerical investigation of laminar forced convection and entropy generation of Fe3O4/water nanofluids in different cross-sectioned channel geometries. Journal of Thermal Engineering, 2021, 7, 1752-1767.	1.6	10
22	Experimental investigation on thermo hydraulic performance of ferronanofluid flow in a dimpled tube under magnetic field effect. Experimental Heat Transfer, 2023, 36, 312-330.	3.2	8
23	An experimental and artificial neural network investigation on the laminar flow of magnetorheological fluids through circular pipes. Journal of Magnetism and Magnetic Materials, 2022, 546, 168893.	2.3	7
24	Electrical field effect on three-dimensional magnetohydrodynamic pipe flow: a CFD study. Progress in Computational Fluid Dynamics, 2016, 16, 261.	0.2	5
25	The effect of MHD flow on hydrothermal characteristics of ferro-nano-fluid in circular pipe. Experimental Heat Transfer, 2023, 36, 617-631.	3.2	4
26	Effect of Al_2O_3–SiO_2/Water Hybrid Nanofluid Filled in a Square Enclosure on the Natural Convective Heat Transfer Characteristics: A Numerical Study. Journal of Nanofluids, 2022, 11, 772-781.	2.7	4
27	Experimental Investigation of a Household Refrigerator Performance Using Chimney-Type Condenser. Arabian Journal for Science and Engineering, 2016, 41, 1691-1697.	1.1	2
28	Ã‡Ä°FT KADEMELÄ° DOÄžALGAZ BASINÃ‡ REGÃœLATÃ–RÃœNÃœN HESAPLAMALI AKIÅžKANLAR DÄ°NAMÄ°Äžİ Ä°LE SAYISAL ANALÄ° Journal of Science and Technology, 2016, 2, 14-14.	0.1	1