

Ozgur Bayer

List of Publications by Year in descending order

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18
papers

235
citations

1163117

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h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of olive mill sludge treatment using a parabolic trough solar collector. Solar Energy, 2022, 232, 344-361.	6.1	4
2	Experiment-based optimization of an energy-efficient heat pump integrated water heater for household appliances. Energy, 2022, 245, 123308.	8.8	9
3	Investigation of double-layered wavy microchannel heatsinks utilizing porous ribs with artificial neural networks. International Communications in Heat and Mass Transfer, 2022, 134, 105984.	5.6	25
4	Investigation of the structural, magnetic, and cooling performance of AlFe thin film and AlFeGd nanometric giant magnetocaloric thin films. Journal of Materials Science: Materials in Electronics, 2021, 32, 5635-5644.	2.2	3
5	Developing and Implementation of an Optimization Technique for Solar Chimney Power Plant With Machine Learning. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	7
6	Optimization of Vortex Promoter Parameters to Enhance Heat Transfer Rate in Electronic Equipment. Journal of Thermal Science and Engineering Applications, 2020, 12, .	1.5	3
7	Development of silica fume-based geopolymer foams. Construction and Building Materials, 2020, 260, 120442.	7.2	16
8	Thermomechanical interactions between crustal magma chambers in complex tectonic environments: Insights from Eastern Turkey. Tectonophysics, 2020, 793, 228607.	2.2	5
9	Experimental based numerical approach for determination of volumetric heat transfer coefficients of modified graphite foams. Applied Thermal Engineering, 2020, 174, 115310.	6.0	8
10	Effect of freezing rate and storage on the texture and quality parameters of strawberry and green bean frozen in home type freezer. International Journal of Refrigeration, 2018, 88, 360-369.	3.4	39
11	Comparison of dynamic PTC thermal models using semi-analytical and finite volume methods. Environmental Progress and Sustainable Energy, 2018, 37, 1191-1200.	2.3	1
12	Production of lightweight aerated alkali-activated slag pastes using hydrogen peroxide. Construction and Building Materials, 2018, 181, 106-118.	7.2	30
13	TAM GELÄ°ÄZMÄ°ÄZ TÄceRBÄceLANSLI Ä°Ä± AKIÄZTA KANATÄ±IKLI YAPILAR ÄceZERÄ°NDE ZORLANMIÄZ TAAÄZINIM KORELASYONU ELI PARAMETRÄ°K DENEYSEL ANALÄ°Z. UludaÄY University Journal of the Faculty of Engineering, 2018, 23, 417-430.	0.2	1
14	Experimental investigation of surface roughness effects on the flow boiling of R134a in microchannels. Experimental Thermal and Fluid Science, 2016, 79, 222-230.	2.7	25
15	Experimental investigation and CFD analysis of rectangular profile FINS in a square channel for forced convection regimes. International Journal of Thermal Sciences, 2016, 109, 279-290.	4.9	28
16	CFD simulations and reduced order modeling of a refrigerator compartment including radiation effects. Energy Conversion and Management, 2013, 69, 68-76.	9.2	15
17	Hybrid Ventilation System Simulation for Several Cities in Turkey. International Journal of Ventilation, 2011, 9, 351-357.	0.4	1
18	Evaluation of Nusselt number for a flow in a microtube using second-order slip model. Thermal Science, 2011, 15, 103-109.	1.1	15