

# Ozgur Bayer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7424049/publications.pdf>

Version: 2024-02-01

18  
papers

235  
citations

1163117

8  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

223  
citing authors

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