

# Senol Baskaya

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

435  
citations

933447

10  
h-index

839539

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parametric study of natural convection heat transfer from horizontal rectangular fin arrays. International Journal of Thermal Sciences, 2000, 39, 797-805.	4.9	107
2	Experimental and numerical investigation of geometry effects on multiple impinging air jets. International Journal of Heat and Mass Transfer, 2014, 75, 685-703.	4.8	91
3	Second law analysis and heat transfer in a cross-flow heat exchanger with a new winglet-type vortex generator. Energy, 2010, 35, 3686-3695.	8.8	57
4	Experimental and numerical study of heat transfer from a heated flat plate in a rectangular channel with an impinging air jet. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 329-344.	1.6	28
5	Thermal performance of PCCP panel radiators for different convector dimensions – An experimental and numerical study. International Journal of Thermal Sciences, 2019, 137, 375-387.	4.9	19
6	Determination of the effects of different inlet-outlet locations and temperatures on PCCP panel radiator heat transfer and fluid flow characteristics. International Journal of Thermal Sciences, 2017, 121, 322-335.	4.9	18
7	Experimental study on the heat transfer and pressure drop of a cross-flow heat exchanger with different pin-fin arrays. Heat and Mass Transfer, 2011, 47, 1133-1142.	2.1	16
8	Design and experimental investigation of a thermoelectric self-powered heating system. Energy Conversion and Management, 2017, 146, 244-252.	9.2	16
9	EXPERIMENTAL AND NUMERICAL INVESTIGATION OF VORTEX PROMOTER EFFECTS ON HEAT TRANSFER FROM HEATED ELECTRONIC COMPONENTS IN A RECTANGULAR CHANNEL WITH AN IMPINGING JET. Heat Transfer Research, 2017, 48, 435-463.	1.6	16
10	Experimental and Numerical Study on Thermoelectric Generator Performance Applied to a Condensing Combi Boiler. Heat Transfer Engineering, 2015, 36, 1292-1302.	1.9	15
11	ÄĖARPAN AKIÄĖKAN JETLERÄ° KULLANARAK KANATÄĖIKLI YÄĖZEYLER ÄĖZERÄ°NDEKÄ° AKIÄĖ ALANININ SAYISAL OLARAK ÄĖNCELENMESÄ°. Journal of the Faculty of Engineering and Architecture of Gazi University, 2017, 32, .	0.8	14
12	Design Analysis of Impinging Jet Array Heat Transfer From a Surface With V-Shaped and ConvergentÄĖDivergent Ribs by the Taguchi Method. Heat Transfer Engineering, 2016, 37, 1252-1266.	1.9	12
13	Numerical Investigation of Transient Natural Convection Heat Transfer of non-Newtonian Nanofluids Between Eccentric Annulus. Arabian Journal for Science and Engineering, 2019, 44, 5631-5646.	3.0	9
14	Experimental investigation of panel radiator heat output enhancement for efficient thermal use under actual operating conditions. EPJ Web of Conferences, 2015, 92, 02010.	0.3	5
15	The influence of different geometrical dimensions of convectors on the heat transfer from panel radiators. SN Applied Sciences, 2021, 3, 1.	2.9	5
16	An Experimental Investigation of Heat Transfer Enhancement in a Rectangular Duct with Plate Fins. Heat Transfer Research, 2009, 40, 263-280.	1.6	4
17	Transient Turbulent Flow and Heat Transfer Phenomena in Plate-Fin Type Cross-Flow Heat Exchanger. Heat Transfer Engineering, 2011, 32, 20-32.	1.9	2
18	Sizing problem for a cross flow heat exchanger with wing-type vortex generator. Heat and Mass Transfer, 2009, 45, 1239-1246.	2.1	1

#	ARTICLE	IF	CITATIONS
19	Experimental and numerical investigation of flow field and heat transfer from electronic components in a rectangular channel with an impinging jet. EPJ Web of Conferences, 2015, 92, 02009.	0.3	0
20	Validation of a Finite Element Thermal Analysis Model of a Simple Electronics Board. , 2019, , .		0
21	Determination of thermal performance of hydronic radiant panel heaters for different fluid flow rates, fluid inlet temperatures and room temperatures. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	1.3	0
22	Experimental and numerical investigation of impinging jet array heat transfer on a smooth and v-shaped ribbed surface. , 2012, , .		0
23	Åřarpan eÅŸik akÅŸkan jet kullanarak dÅŸz plaka ÅŸzerindeki akÅŸ ve ÅŸsÅŸ transferinin sayÅŸsal olarak inçelenmesi, Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.8	0
24	Thermal Performance Analysis of Hydronic Ceiling Radiant Panel Heaters Under Different Parameters. Journal of Thermal Science and Engineering Applications, 0, , 1-40.	1.5	0