

# Soheil Asaadi

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

445  
citations

687363

13  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental exergy analysis for shell and tube heat exchanger made of corrugated shell and corrugated tube. <i>Experimental Thermal and Fluid Science</i> , 2017, 81, 475-481.	2.7	60
2	Numerical study on the thermal and electrical performance of an annular thermoelectric generator under pulsed heat power with different types of input functions. <i>Energy Conversion and Management</i> , 2018, 167, 102-112.	9.2	52
3	A thermodynamic and exergoeconomic numerical study of two-stage annular thermoelectric generator. <i>Applied Thermal Engineering</i> , 2019, 156, 371-381.	6.0	49
4	A comprehensive energy efficiency study of segmented annular thermoelectric generator; thermal, exergetic and economic analysis. <i>Applied Thermal Engineering</i> , 2020, 181, 115996.	6.0	41
5	Performance and profit analysis of thermoelectric power generators mounted on channels with different cross-sectional shapes. <i>Applied Thermal Engineering</i> , 2020, 176, 115455.	6.0	40
6	Numerical investigation and performance analyses of rectangular mini channel with different types of ribs and their arrangements. <i>International Journal of Thermal Sciences</i> , 2018, 132, 76-85.	4.9	34
7	A critique of effectiveness concept for heat exchangers; theoretical-experimental study. <i>International Journal of Heat and Mass Transfer</i> , 2020, 159, 120160.	4.8	27
8	Thermo-economic, exergetic and mechanical analysis of thermoelectric generator with hollow leg structure; impact of leg cross-section shape and hollow-to-filled area ratio. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101314.	5.7	27
9	Economy, energy, exergy and mechanical study of co-axial ring shape configuration of legs as a novel structure for cylindrical thermoelectric generator. <i>Applied Thermal Engineering</i> , 2021, 184, 116274.	6.0	26
10	Proposing tube-bundle arrangement of tubular thermoelectric module as a novel air cooler. <i>Energy</i> , 2020, 208, 118428.	8.8	25
11	A novel proposed flexible thin-film solar annular thermoelectric generator. <i>Applied Thermal Engineering</i> , 2021, 183, 116245.	6.0	23
12	Numerical investigation of laminar flow and heat transfer in a channel using combined nanofluids and novel longitudinal vortex generators. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 2795-2808.	3.6	17
13	A Comprehensive Numerical Study on Nanofluid Flow and Heat Transfer of Helical, Spiral and Straight Tubes with Different Cross Sections. <i>International Journal of Heat and Technology</i> , 2019, 37, 1031-1042.	0.6	14
14	Economic cost and thermal efficiency analysis of porous-minichannel heat exchanger for thermoelectric generator. <i>Applied Thermal Engineering</i> , 2022, 213, 118653.	6.0	10