

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