

Marko Mancic

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

61
citations

1684188

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1588992

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16
all docs

16
docs citations

16
times ranked

67
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of energy and exergy analysis to increase efficiency of a hot water gas fired boiler. Chemical Industry and Chemical Engineering Quarterly, 2014, 20, 511-521.	0.7	11
2	Mathematical modelling and simulation of the thermal performance of a solar heated indoor swimming pool. Thermal Science, 2014, 18, 999-1010.	1.1	10
3	Optimization of a polygeneration system for energy demands of a livestock farm. Thermal Science, 2016, 20, 1285-1300.	1.1	9
4	Pressure drop and stability of flow in Archimedean spiral tube with transverse corrugations. Thermal Science, 2016, 20, 579-591.	1.1	7
5	Techno-economic optimization of configuration and capacity of a polygeneration system for the energy demands of a public swimming pool building. Thermal Science, 2018, 22, 1535-1549.	1.1	6
6	A model of a Serbian energy efficient house for decentralized electricity production. Journal of Renewable and Sustainable Energy, 2013, 5, 041810.	2.0	5
7	Construction optimization of hot water fire-tube boiler using thermomechanical finite element analysis. Thermal Science, 2018, 22, 1511-1523.	1.1	5
8	NUMERICAL COMPUTATION AND PREDICTION OF ELECTRICITY CONSUMPTION IN TOBACCO INDUSTRY. Facta Universitatis, Series: Mechanical Engineering, 2017, 15, 457.	4.6	3
9	Numerical investigation on the convective heat transfer in a spiral coil with radiant heating. Thermal Science, 2016, 20, 1215-1226.	1.1	2
10	Experimental and numerical stress and strain analysis of the boiler reversing chamber tube plate. Thermal Science, 2022, 26, 2135-2145.	1.1	1
11	EXPERIMENTAL INVESTIGATION OF THE CONVECTIVE HEAT TRANSFER IN A SPIRALLY COILED CORRUGATED TUBE WITH RADIANT HEATING. Facta Universitatis, Series: Mechanical Engineering, 2017, 15, 495.	4.6	1
12	Radiant absorption characteristics of corrugated curved tubes. Thermal Science, 2017, 21, 2897-2906.	1.1	0
13	Experimental Evaluation of Correlations of Evaporation Rates from Free Water Surfaces of Indoor Swimming Pools. Lecture Notes in Networks and Systems, 2021, , 378-393.	0.7	0