

Mirko Komatina

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

189
citations

1163117

8
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-temperature convective drying of apple cubes. <i>Applied Thermal Engineering</i> , 2013, 53, 114-123.	6.0	75
2	Modeling the temperature in coal char particle during fluidized bed combustion. <i>Fuel</i> , 2008, 87, 905-914.	6.4	22
3	Experimental Investigation of the Efficiency of Heat Pump Drying System with Full Air Recirculation. <i>Journal of Food Process Engineering</i> , 2017, 40, e12386.	2.9	20
4	An Experimental Study of Temperature of Burning Coal Particle in Fluidized Bed. <i>Energy & Fuels</i> , 2006, 20, 114-119.	5.1	16
5	Life Cycle Impact Assessment of Miscanthus Crop for Sustainable Household Heating in Serbia. <i>Forests</i> , 2018, 9, 654.	2.1	12
6	Temperatures of Coal Particle During Devolatilization in Fluidized Bed Combustion Reactor. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 1387-1396.	2.3	10
7	Experimental and numerical investigation of heat exchanger built in solid fuel household furnace of an original concept. <i>Energy and Buildings</i> , 2005, 37, 325-331.	6.7	8
8	Heat transfer enhancement through PCM thermal storage by use of copper fins. <i>Thermal Science</i> , 2016, 20, 251-259.	1.1	8
9	Combustion of low grade fractions of Lubnica coal in fluidized bed. <i>Thermal Science</i> , 2012, 16, 297-311.	1.1	5
10	Effects of air excess control in a heat storage solid fuel-fired household furnace. <i>Applied Thermal Engineering</i> , 2007, 27, 2243-2251.	6.0	3
11	The impact of production operating parameters on mechanical and thermophysical characteristics of commercial wood pellets. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 5787-5803.	4.6	3
12	Kinetic parameters identification of conductive enhanced hot air drying process of food waste. <i>Thermal Science</i> , 2021, 25, 1795-1807.	1.1	3
13	Energy performance of single family houses in Serbia: Analysis of calculation procedures. <i>Thermal Science</i> , 2019, 23, 1695-1705.	1.1	2
14	Numerical simulation of non-conventional liquid fuels feeding in a bubbling fluidized bed combustor. <i>Thermal Science</i> , 2013, 17, 1163-1179.	1.1	1
15	The kinetic study of juice industry residues drying process based on TGA-DTG experimental data. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 10109-10129.	3.6	1
16	Properties and efficiency of a Pt/Al ₂ O ₃ catalyst applied in a solid fuel thermo-accumulating furnace. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 869-878.	0.8	0
17	Evaluation of heating efficiency and thermal comfort in special purpose vehicle cabins. <i>Thermal Science</i> , 2021, 25, 4359-4370.	1.1	0
18	Reduction of carbon monoxide emission from a solid-fuel thermo-accumulation furnace. <i>Thermal Science</i> , 2006, 10, 107-119.	1.1	0

#	ARTICLE	IF	CITATIONS
19	Modeling of transport processes in the cigarette principle combustion furnace. Thermal Science, 2019, 23, 1499-1510.	1.1	0