Mirko Komatina

List of Publications by Year
in descending order

19	189	1163117 8	1058476 14
papers	citations	h-index	g-index

19	19	19	227
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of production operating parameters on mechanical and thermophysical characteristics of commercial wood pellets. Biomass Conversion and Biorefinery, 2023, 13, 5787-5803.	4.6	3
2	The kinetic study of juice industry residues drying process based on TGA-DTG experimental data. Journal of Thermal Analysis and Calorimetry, 2022, 147, 10109-10129.	3.6	1
3	Evaluation of heating efficiency and thermal comfort in special purpose vehicle cabins. Thermal Science, 2021, 25, 4359-4370.	1.1	0
4	Kinetic parameters identification of conductive enhanced hot air drying process of food waste. Thermal Science, 2021, 25, 1795-1807.	1.1	3
5	Energy performance of single family houses in Serbia: Analysis of calculation procedures. Thermal Science, 2019, 23, 1695-1705.	1.1	2
6	Modeling of transport processes in the cigarette principle combustion furnace. Thermal Science, 2019, 23, 1499-1510.	1.1	0
7	Life Cycle Impact Assessment of Miscanthus Crop for Sustainable Household Heating in Serbia. Forests, 2018, 9, 654.	2.1	12
8	Experimental Investigation of the Efficiency of Heat Pump Drying System with Full Air Recirculation. Journal of Food Process Engineering, 2017, 40, e12386.	2.9	20
9	Heat transfer enhancement through PCM thermal storage by use of copper fins. Thermal Science, 2016, 20, 251-259.	1.1	8
10	Low-temperature convective drying of apple cubes. Applied Thermal Engineering, 2013, 53, 114-123.	6.0	75
11	Numerical simulation of non-conventional liquid fuels feeding in a bubbling fluidized bed combustor. Thermal Science, 2013, 17, 1163-1179.	1.1	1
12	Combustion of low grade fractions of Lubnica coal in fluidized bed. Thermal Science, 2012, 16, 297-311.	1.1	5
13	Modeling the temperature in coal char particle during fluidized bed combustion. Fuel, 2008, 87, 905-914.	6.4	22
14	Properties and efficiency of a Pt/Al2O3 catalyst applied in a solid fuel thermo-accumulating furnace. Journal of the Serbian Chemical Society, 2007, 72, 869-878.	0.8	0
15	Effects of air excess control in a heat storage solid fuel-fired household furnace. Applied Thermal Engineering, 2007, 27, 2243-2251.	6.0	3
16	An Experimental Study of Temperature of Burning Coal Particle in Fluidized Bed. Energy & Fuels, 2006, 20, 114-119.	5.1	16
17	Temperatures of Coal Particle During Devolatilization in Fluidized Bed Combustion Reactor. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2006, 28, 1387-1396.	2.3	10
18	Reduction of carbon monoxide emission from a solid-fuel thermo-accumulation furnace. Thermal Science, 2006, 10, 107-119.	1.1	0

#	Article	IF	Citations
19	Experimental and numerical investigation of heat exchanger built in solid fuel household furnace of an original concept. Energy and Buildings, 2005, 37, 325-331.	6.7	8