

# Milijana J Paprika

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1263260/publications.pdf>

Version: 2024-02-01

27  
papers

223  
citations

1478505

6  
h-index

996975

15  
g-index

27  
all docs

27  
docs citations

27  
times ranked

295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Denitrification techniques for biomass combustion. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 3350-3364.	16.4	119
2	The boiler concept for combustion of large soya straw bales. <i>Energy</i> , 2009, 34, 715-723.	8.8	26
3	Prediction of Coal Primary Fragmentation and Char Particle Size Distribution in Fluidized Bed. <i>Energy &amp; Fuels</i> , 2013, 27, 5488-5494.	5.1	22
4	The combustion of biomass - the impact of its types and combustion technologies on the emission of nitrogen oxide. <i>Hemijaska Industrija</i> , 2016, 70, 287-298.	0.7	14
5	Soya straw bales combustion in high-efficient boiler. <i>Thermal Science</i> , 2008, 12, 51-60.	1.1	11
6	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
7	Euler-Euler granular flow model of liquid fuels combustion in a fluidized reactor. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 377-389.	0.8	6
8	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
9	Experimental and Numerical Investigation of the Primary Fragmentation of a Lignite during Fluidized-Bed (FB) Devolatilization. <i>Energy &amp; Fuels</i> , 2015, 29, 3394-3398.	5.1	3
10	Mechanism of primary fragmentation of coal in fluidized bed. <i>Thermal Science</i> , 2016, 20, 125-132.	1.1	2
11	Analysis of prescribed limits of NOx emissions from biomass combustion in selected European countries and in Serbia. <i>Savremena Poljoprivredna Tehnika</i> , 2016, 42, 207-215.	0.2	2
12	Three phase Eulerian-granular model applied on numerical simulation of non-conventional liquid fuels combustion in a bubbling fluidized bed. <i>Thermal Science</i> , 2016, 20, 133-149.	1.1	2
13	Ekperimentalna aparatura za simulaciju sagorevanja biomase i kontrolu azotnih oksida. <i>Procesna Tehnika</i> , 2017, 30, 175.	0.3	2
14	Factors Affecting Primary Fragmentation During Combustion of Serbian Coals. , 2005, , .		1
15	Modeling of the process in the experimental chamber for denitrification of biomase combustion products. <i>Savremena Poljoprivredna Tehnika</i> , 2017, 43, 111-120.	0.2	1
16	Analysis criteria for the assessment of deposits formation on boilers heat surfaces during biomass combustion. <i>Savremena Poljoprivredna Tehnika</i> , 2018, 44, 1-10.	0.2	1
17	Properties and efficiency of a Pt/Al <sub>2</sub> O <sub>3</sub> catalyst applied in a solid fuel thermo-accumulating furnace. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 869-878.	0.8	0
18	Potential of utilizing agricultural biomass for energy purposes within public-private partnerships. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Reduction of carbon monoxide emission from a solid-fuel thermo-accumulation furnace. Thermal Science, 2006, 10, 107-119.	1.1	0
20	Results of combustion of different waste fuel in fluidized bed. ReciklaÅ¾a I OdrÅ¾ivi Razvoj, 2014, 7, 22-29.	0.5	0
21	Fluidized combustion chamber CFD simulation based on Euler-Euler granular flow model. Termotehnika, 2014, 40, 19-33.	0.0	0
22	Technical and economical justified replacement of existing crude oilboiler with new biomass boiler in central heating system. Savremena Poljoprivredna Tehnika, 2015, 41, 189-196.	0.2	0
23	Analysis of construction CHP biomass plants in the chemical industry. Savremena Poljoprivredna Tehnika, 2015, 41, 205-212.	0.2	0
24	Possibility of non catalytic reduction of NOx by ammonia at baled biomass combustion in pushing furnace. Savremena Poljoprivredna Tehnika, 2017, 43, 101-110.	0.2	0
25	2D CFD numeriÅ¾ka simulacija fluidizacije komore sagorevanja bazirane na Euler-Euler granularnom modelu. Procesna Tehnika, 2017, 30, 277.	0.3	0
26	Two-dimensional mathematical model of liquid fuel combustion in bubbling fluidized bed applied for a fluidized furnace numerical simulation. Thermal Science, 2018, 22, 1121-1135.	1.1	0
27	Research in the fluidized bed combustion in the Laboratory for thermal engineering and energy - Part A: Achievements in targeted fundamental research. Thermal Science, 2019, 23, 1637-1653.	1.1	0