Milica R MladenoviÄ

List of Publications by Year
in descending order

32	209	1684188 5	1058476 14
papers	citations	h-index	g-index

33	33	33	286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Denitrification techniques for biomass combustion. Renewable and Sustainable Energy Reviews, 2018, 82, 3350-3364.	16.4	119
2	The boiler concept for combustion of large soya straw bales. Energy, 2009, 34, 715-723.	8.8	26
3	The combustion of biomass - the impact of its types and combustion technologies on the emission of nitrogen oxide. Hemijska Industrija, 2016, 70, 287-298.	0.7	14
4	Criteria selection for the assessment of Serbian lignites tendency to form deposits on power boilers heat transfer surfaces. Thermal Science, 2009, 13, 61-78.	1.1	13
5	Numerical model of gaseous fuel jet injection into a fluidized furnace. International Journal of Heat and Mass Transfer, 2009, 52, 3427-3438.	4.8	7
6	Euler-Euler granular flow model of liquid fuels combustion in a fluidized reactor. Journal of the Serbian Chemical Society, 2015, 80, 377-389.	0.8	6
7	Combustion of low grade fractions of Lubnica coal in fluidized bed. Thermal Science, 2012, 16, 297-311.	1.1	5
8	Experimental and Numerical Investigation of the Primary Fragmentation of a Lignite during Fluidized-Bed (FB) Devolatilization. Energy & Fuels, 2015, 29, 3394-3398.	5.1	3
9	Investigation of ash deposit formation on heat transfer surfaces of boilers using coals and biomass. Thermal Science, 2019, 23, 1575-1586.	1.1	3
10	Mechanism of primary fragmentation of coal in fluidized bed. Thermal Science, 2016, 20, 125-132.	1.1	2
11	Analysis of prescriped limits of NOx emissions from biomass combustion in selected European countries and in Serbia. Savremena Poljoprivredna Tehnika, 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. Thermal Science, 2016, 20, 133-149.	1.1	2
13	Eksperimentalna aparatura za simulaciju sagorevanja biomase i kontrolu azotnih oksida. Procesna Tehnika, 2017, 30, 175.	0.3	2
14	Numerical simulation of non-conventional liquid fuels feeding in a bubbling fluidized bed combustor. Thermal Science, 2013, 17, 1163-1179.	1.1	1
15	Optimization of furnace for agricultural biomass combustion in order to increase energy efficiency and reducing environmental pollution. Savremena Poljoprivredna Tehnika, 2016, 42, 187-196.	0.2	1
16	Modeling of the process in the experimental chamber for denitrification of biomase combustion products. Savremena Poljoprivredna Tehnika, 2017, 43, 111-120.	0.2	1
17	Analysis criteria for the assessment of deposits formation on boilers heat surfaces during biomass combustion. Savremena Poljoprivredna Tehnika, 2018, 44, 1-10.	0.2	1
18	Research in the fluidized bed combustion in the Laboratory for thermal engineering and energy - Part B: Achievements in technology implementation. Thermal Science, 2019, 23, 1655-1667.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Results of combustion of different waste fuel in fluidized bad. ReciklaÅ¾a I OdrÅ¾ivi Razvoj, 2014, 7, 22-29.	0.5	0
20	Fluidized combustion chamber CFD simulation based on Euler-Euler granular flow model. Termotehnika, 2014, 40, 19-33.	0.0	0
21	Characteristic determination of agro and forest biomass in order to their energy applications. Savremena Poljoprivredna Tehnika, 2015, 41, 197-204.	0.2	0
22	Analysis of construction CHP biomass plants in the chemical industry. Savremena Poljoprivredna Tehnika, 2015, 41, 205-212.	0.2	0
23	Analysis of potassium content in inert material of fluidized bed during biomass combustion. Savremena Poljoprivredna Tehnika, 2016, 42, 217-223.	0.2	0
24	Identification of PASs in agricultural biomass ash by GC/MS. Savremena Poljoprivredna Tehnika, 2017, 43, 91-100.	0.2	0
25	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
26	ProraÄ‹un i dimenzionisanje vrtloÅ¾nih gorionika koriÅ¡Ä‡enjem namenskog softvera. Procesna Tehnika, 2017, 30, 357.	0.3	0
27	2D CFD numeriÄka simulacija fluidizacione komore sagorevanja bazirane na Euler-Euler granularnom modelu. Procesna Tehnika, 2017, 30, 277.	0.3	0
28	Qualitative and quantitative analysis of PAHs in biomass ash by LC/DAD. Savremena Poljoprivredna Tehnika, 2018, 44, 29-36.	0.2	0
29	The application of chemical kinetic models in numerical simulation of the process of non-catalitic reduction of NOX with amonia in biomass combustion products. Savremena Poljoprivredna Tehnika, 2018, 44, 37-44.	0.2	0
30	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
31	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
32	Application of analytical and CFD models of liquid fuels combustion in a fluidized bed. Thermal Science, 2019, 23, 1627-1636.	1.1	0