

Vladimir JovanoviÄ

List of Publications by Year in descending order

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docs citations

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times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative pyrolysis kinetics of various biomasses based on model-free and DAEM approaches improved with numerical optimization procedure. PLoS ONE, 2018, 13, e0206657.	2.5	48
2	The assessment of spontaneous ignition potential of coals using TGAâ€DTG technique. Combustion and Flame, 2020, 211, 32-43.	5.2	34
3	TSA-MS characterization and kinetic study of the pyrolysis process of various types of biomass based on the Gaussian multi-peak fitting and peak-to-peak approaches. Fuel, 2018, 234, 447-463.	6.4	32
4	Improved TGA-MS measurements for evolved gas analysis (EGA) during pyrolysis process of various biomass feedstocks. Syngas energy balance determination. Thermochemica Acta, 2021, 699, 178912.	2.7	22
5	Apricot kernel shells pyrolysis controlled by non-isothermal simultaneous thermal analysis (STA). Journal of Thermal Analysis and Calorimetry, 2020, 142, 565-579.	3.6	19
6	TGA-DSC-MS analysis of pyrolysis process of various agricultural residues. Thermal Science, 2019, 23, 1457-1472.	1.1	15
7	Thermogravimetric kinetic study of solid recovered fuels pyrolysis. Hemijska Industrija, 2018, 72, 99-106.	0.7	9
8	Mixtures of bioethanol and gasoline as a fuel for SI engines. Thermal Science, 2009, 13, 219-228.	1.1	8
9	NOx and SO2 emission factors for Serbian lignite Kolubara. Thermal Science, 2012, 16, 1213-1228.	1.1	6
10	The Pyrolysis of Waste Biomass Investigated by Simultaneous TGA-DTA-MS Measurements and Kinetic Modeling with Deconvolution Functions. Lecture Notes in Networks and Systems, 2020, , 39-60.	0.7	3
11	Application of different turbulence models for improving construction of small-scale boiler fired by solid fuel. Thermal Science, 2017, 21, 809-823.	1.1	3
12	Pljevlja lignite carbon emission characteristics. Thermal Science, 2019, 23, 1523-1531.	1.1	3
13	TGA-DSC-MS Analysis of Pyrolysis Process of Various Biomasses with Isoconversional (Model-Free) Kinetics. Lecture Notes in Networks and Systems, 2019, , 16-33.	0.7	2
14	Investigations of combustion process in combined cooker-boiler fired on solid fuels. Thermal Science, 2006, 10, 121-130.	1.1	0
15	Chloride and fluoride contents in flue gas during domestic lignite coals combustion as a parameter in the design of flue gas desulphurisation plant. FME Transactions, 2017, 45, 58-64.	1.4	0