Aleksandar M JovoviÄ‡

List of Publications by Year
in descending order

26 papers	**264** citations	1307594 **7** h-index	940533 **16** g-index
27 all docs	**27** docs citations	**27** times ranked	**409** citing authors

#	Article	IF	Citations
1	NOx emission reduction by staged combustion in grate combustion of biomass fuels and fuel mixtures. Fuel, 2012, 98, 29-40.	6.4	68
2	Thermalâ€"hydraulic analysis of a steam boiler with rifled evaporating tubes. Applied Thermal Engineering, 2007, 27, 509-519.	6.0	38
3	A mathematical model of biomass downdraft gasification with an integrated pyrolysis model. Fuel, 2020, 265, 116867.	6.4	31
4	Phytoremediation potential of wild plants growing on soil contaminated with heavy metals. Arhiv Za Higijenu Rada I Toksikologiju, 2016, 67, 229-239.	0.7	21
5	Thermal analysis of physical and chemical changes occuring during regeneration of activated carbon. Thermal Science, 2017, 21, 1067-1081.	1.1	21
6	Ash related behaviour in staged and non-staged combustion of biomass fuels and fuel mixtures. Biomass and Bioenergy, 2012, 41, 86-93.	5.7	16
7	A study on the grindability of Serbian coals. Thermal Science, 2011, 15, 267-274.	1.1	7
8	Analysis of transient ash pneumatic conveying over long distance and prediction of transport capacity. Powder Technology, 2014, 254, 281-290.	4.2	7
9	Correlation between eco-efficiency measures and resource and impact decoupling for thermal power plants in Serbia. Journal of Cleaner Production, 2016, 138, 264-274.	9.3	7
10	The emission of particulate matters and heavy metals from cement kilns - case study: co-incineration of tires in Serbia. Chemical Industry and Chemical Engineering Quarterly, 2010, 16, 213-217.	0.7	6
11	Ash From Thermal Power Plants as Secondary Raw Material. Arhiv Za Higijenu Rada I Toksikologiju, 2007, 58, 233-238.	0.7	6
12	Potential usage of fly and bottom ash from thermal power plant â€Nikola Teslaâ€•landfill, Serbia. Hemijska Industrija, 2012, 66, 403-412.	0.7	5
13	Effect of temperature on a free energy and equilibrium constants during dry flue gas desulphurisation chemical reactions. Thermal Science, 2002, 6, 71-79.	1.1	5
14	Biomass gasification with preheated air: Energy and exergy analysis. Thermal Science, 2012, 16, 535-550.	1.1	4
15	Solid waste containing persistent organic pollutants in Serbia: From precautionary measures to the final treatment (case study). Waste Management and Research, 2016, 34, 677-685.	3.9	4
16	Study on the effect of fractional composition and ash particle diameter on ash collection efficiency at the electrostatic precipitator. Chemical Industry and Chemical Engineering Quarterly, 2010, 16, 229-236.	0.7	3
17	Waste management life cycle: Sensitisation â€" implementation/integration â€" transition â€" optimisation. Waste Management and Research, 2016, 34, 813-815.	3.9	2
18	Biomass gasification technology: The state of the art overview. , 2016, , .		2

#	Article	IF	Citations
19	The socio-economic impact timeline in Serbia for persistent organic pollutants (POPs). Science of the Total Environment, 2019, 688, 486-493.	8.0	2
20	Modelling of wood chips gasification process in ASPEN Plus with multiple validation approach. Chemical Industry and Chemical Engineering Quarterly, 2019, 25, 217-228.	0.7	2
21	Use of solid recovered fuel (SRF) in cement industry: Economic and environmental implications. Journal of Applied Engineering Science, 2015, 13, 307-315.	0.9	2
22	The Effect of Permeability on Lignite Fly Ash Pneumatic Conveying System Design. Revista De Chimie (discontinued), 2018, 69, 341-345.	0.4	1
23	Practical assessment of grinding capacity and power consumption based on Hardgrove grindability index and coal characteristics. Thermal Science, 2019, 23, 1533-1542.	1.1	1
24	Modeling devolatalization process of Serbian lignites using chemical percolation devolatilization model. Thermal Science, 2019, 23, 1543-1557.	1.1	1
25	Oxygen Transfer Efficiency of the Aeration Process in Refinery Waste Water Treatment. Revista De Chimie (discontinued), 2008, 59, 220-225.	0.4	0
26	Assessment of a simplified equilibrium model for waste gasification. Thermal Science, 2019, 23, 1473-1486.	1.1	0