

# Aleksandar M JovoviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A mathematical model of biomass downdraft gasification with an integrated pyrolysis model. Fuel, 2020, 265, 116867.	6.4	31
2	The socio-economic impact timeline in Serbia for persistent organic pollutants (POPs). Science of the Total Environment, 2019, 688, 486-493.	8.0	2
3	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
4	Assessment of a simplified equilibrium model for waste gasification. Thermal Science, 2019, 23, 1473-1486.	1.1	0
5	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
6	Modeling devolatilization process of Serbian lignites using chemical percolation devolatilization model. Thermal Science, 2019, 23, 1543-1557.	1.1	1
7	The Effect of Permeability on Lignite Fly Ash Pneumatic Conveying System Design. Revista De Chimie (discontinued), 2018, 69, 341-345.	0.4	1
8	Thermal analysis of physical and chemical changes occurring during regeneration of activated carbon. Thermal Science, 2017, 21, 1067-1081.	1.1	21
9	Waste management life cycle: Sensitisation " implementation/integration " transition " optimisation. Waste Management and Research, 2016, 34, 813-815.	3.9	2
10	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
11	Biomass gasification technology: The state of the art overview. , 2016, , .		2
12	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
13	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
14	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
15	Analysis of transient ash pneumatic conveying over long distance and prediction of transport capacity. Powder Technology, 2014, 254, 281-290.	4.2	7
16	NOx emission reduction by staged combustion in grate combustion of biomass fuels and fuel mixtures. Fuel, 2012, 98, 29-40.	6.4	68
17	Biomass gasification with preheated air: Energy and exergy analysis. Thermal Science, 2012, 16, 535-550.	1.1	4
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	A study on the grindability of Serbian coals. Thermal Science, 2011, 15, 267-274.	1.1	7
21	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
22	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
23	Oxygen Transfer Efficiency of the Aeration Process in Refinery Waste Water Treatment. Revista De Chimie (discontinued), 2008, 59, 220-225.	0.4	0
24	Thermalâ€hydraulic analysis of a steam boiler with rifled evaporating tubes. Applied Thermal Engineering, 2007, 27, 509-519.	6.0	38
25	Ash From Thermal Power Plants as Secondary Raw Material. Arhiv Za Higijenu Rada I Toksikologiju, 2007, 58, 233-238.	0.7	6
26	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