

Anastasia A Andrianova

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

249
citations

1163117

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h-index

1058476

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14
all docs

14
docs citations

14
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Liquefaction of Lignin to Aromatics: Efficiency, Selectivity, and Product Analysis. ACS Sustainable Chemistry and Engineering, 2016, 4, 5106-5122.	6.7	82
2	Size exclusion chromatography of lignin: The mechanistic aspects and elimination of undesired secondary interactions. Journal of Chromatography A, 2018, 1534, 101-110.	3.7	32
3	Experimental simulation of trace element evolution from the excluded mineral fraction during coal combustion using GFAAS and TGAâ€“DSC. Fuel, 2014, 124, 28-40.	6.4	24
4	Electrospray Ionization with High-Resolution Mass Spectrometry as a Tool for Lignomics: Lignin Mass Spectrum Deconvolution. Journal of the American Society for Mass Spectrometry, 2018, 29, 1044-1059.	2.8	23
5	Fungal Biotransformation of Insoluble Kraft Lignin into a Water Soluble Polymer. Industrial & Engineering Chemistry Research, 2017, 56, 6103-6113.	3.7	20
6	Production of lignin based insoluble polymers (anionic hydrogels) by C. versicolor. Scientific Reports, 2017, 7, 17507.	3.3	16
7	Influence of early stages of triglyceride pyrolysis on the formation of PAHs as coke precursors. Physical Chemistry Chemical Physics, 2019, 21, 20189-20203.	2.8	13
8	Analytical chemistry in water quality monitoring during manned space missions. Acta Astronautica, 2016, 126, 11-17.	3.2	9
9	Atmospheric pressure ionization mass spectrometry as a tool for structural characterization of lignin. Rapid Communications in Mass Spectrometry, 2020, 34, e8813.	1.5	8
10	Effect of dihalides on the polymer linkages in the Cs ₂ CO ₃ -promoted polycondensation of 1 atm carbon dioxide and diols. Materials Today Communications, 2019, 18, 100-109.	1.9	6
11	Highly sensitive determination of poly(hexamethylene guanidine) by Rayleigh scattering using aggregation of silver nanoparticles. Mikrochimica Acta, 2015, 182, 965-973.	5.0	5
12	Molecular scale studies that inform trace element sulfide evaporation and atomization behavior during coal combustion. Fuel, 2017, 188, 544-552.	6.4	5
13	Simultaneous high-temperature gas chromatography with flame ionization and mass spectrometric analysis of monocarboxylic acids and acylglycerols in biofuels and biofuel intermediate products. Journal of Chromatography A, 2019, 1584, 165-178.	3.7	5
14	Quantitative insights on de/repolymerization and deoxygenation of lignin in subcritical water. Bioresource Technology, 2021, 342, 125974.	9.6	1