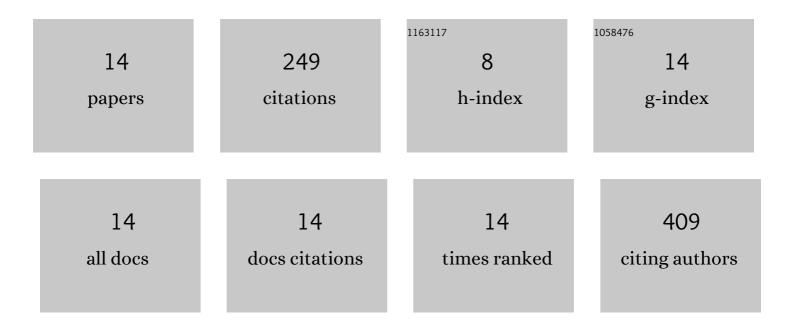
Anastasia A Andrianova

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Quantitative insights on de/repolymerization and deoxygenation of lignin in subcritical water. Bioresource Technology, 2021, 342, 125974.	9.6	1
2	Atmospheric pressure ionization mass spectrometry as a tool for structural characterization of lignin. Rapid Communications in Mass Spectrometry, 2020, 34, e8813.	1.5	8
3	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
4	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
5	Effect of dihalides on the polymer linkages in the Cs2CO3-promoted polycondensation of 1 atm carbon dioxide and diols. Materials Today Communications, 2019, 18, 100-109.	1.9	6
6	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
7	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
8	Fungal Biotransformation of Insoluble Kraft Lignin into a Water Soluble Polymer. Industrial & Engineering Chemistry Research, 2017, 56, 6103-6113.	3.7	20
9	Production of lignin based insoluble polymers (anionic hydrogels) by C. versicolor. Scientific Reports, 2017, 7, 17507.	3.3	16
10	Molecular scale studies that inform trace element sulfide evaporation and atomization behavior during coal combustion. Fuel, 2017, 188, 544-552.	6.4	5
11	Analytical chemistry in water quality monitoring during manned space missions. Acta Astronautica, 2016, 126, 11-17.	3.2	9
12	Thermal Liquefaction of Lignin to Aromatics: Efficiency, Selectivity, and Product Analysis. ACS Sustainable Chemistry and Engineering, 2016, 4, 5106-5122.	6.7	82
13	Highly sensitive determination of poly(hexamethylene guanidine) by Rayleigh scattering using aggregation of silver nanoparticles. Mikrochimica Acta, 2015, 182, 965-973.	5.0	5
14	Experimental simulation of trace element evolution from the excluded mineral fraction during coal combustion using GFAAS and TGA–DSC. Fuel, 2014, 124, 28-40.	6.4	24