

Matthew Winfough

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Photoionization of Two Potential Biofuel Additives: $\hat{\gamma}$ -Valerolactone and Methyl Butyrate. <i>Journal of Physical Chemistry A</i> , 2021, 125, 10711-10724.	1.1	4
2	Practical guide to designing safer ionic liquids for cellulose dissolution using a tiered computational framework. <i>Green Chemistry</i> , 2020, 22, 3626-3637.	4.6	18
3	Kinetics of Glutathione Depletion and Antioxidant Gene Expression as Indicators of Chemical Modes of Action Assessed <i>in Vitro</i> in Mouse Hepatocytes with Enhanced Glutathione Synthesis. <i>Chemical Research in Toxicology</i> , 2019, 32, 421-436.	1.7	8
4	<i>Ab initio</i> analysis on potential superbases of several hyperlithiated species: $\text{Li}_3\text{F}_2\text{O}$ and $\text{Li}_3\text{F}_2\text{OH}_n$ ($n = 1, 2$). <i>Dalton Transactions</i> , 2018, 47, 159-168.	1.6	17
5	Computational investigation of LiF containing hypersalts. <i>Dalton Transactions</i> , 2018, 47, 13204-13213.	1.6	2
6	Synchrotron Photoionization Investigation of the Oxidation of Ethyl <i>tert</i> -Butyl Ether. <i>Journal of Physical Chemistry A</i> , 2017, 121, 1460-1469.	1.1	7
7	Furfural: The Unimolecular Dissociative Photoionization Mechanism of the Simplest Furanic Aldehyde. <i>Journal of Physical Chemistry A</i> , 2017, 121, 3401-3410.	1.1	8
8	Investigation on the absolute and relative photoionization cross sections of 3 potential propargylic fuels. <i>Journal of Mass Spectrometry</i> , 2017, 52, 799-808.	0.7	1
9	The hookah series part 2: elemental analysis and arsenic speciation in hookah charcoals. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 2146-2158.	1.6	6