

Jason J Evans

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

573
citations

759233

12
h-index

642732

23
g-index

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docs citations

23
times ranked

469
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of the complexing agent on the sensitivity of collision-induced dissociation spectra to fatty acid position for a set of XYZ-type triglycerides. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9226.	1.5	2
2	Lung-selective mRNA delivery of synthetic lipid nanoparticles for the treatment of pulmonary lymphangioleiomyomatosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	156
3	Synthesis of tetrahydropyrrolothiazoles through one-pot and four-component N,S-acetalation and decarboxylative [3+2] cycloaddition. <i>Green Synthesis and Catalysis</i> , 2021, 2, 74-77.	6.8	19
4	Pseudo-Five-Component Reaction for Diastereoselective Synthesis of Butterfly Shaped Bispiro[Oxindole-Pyrrolidine]s. <i>Journal of Organic Chemistry</i> , 2021, 86, 17395-17403.	3.2	5
5	One-Pot Mannich, Aza-Wittig and Dehydrofluorinative Aromatization Reactions for Direct Synthesis of 2,3-Disubstituted 4-Aminoquinolines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5513-5517.	4.3	14
6	Cascade Knoevenagel and aza-Wittig reactions for the synthesis of substituted quinolines and quinolin-4-ols. <i>Green Chemistry</i> , 2019, 21, 349-354.	9.0	37
7	Modeling the fragmentation patterns of triacylglycerides in mass spectrometry allows the quantification of the regioisomers with a minimal number of standards. <i>Analytica Chimica Acta</i> , 2019, 1057, 60-69.	5.4	15
8	Double 1,3-Dipolar Cycloadditions of Two Nonstabilized Azomethine Ylides for Polycyclic Pyrrolidines. <i>Organic Letters</i> , 2019, 21, 2176-2179.	4.6	21
9	One-Pot Synthesis of Triazolobenzodiazepines Through Decarboxylative [3 + 2] Cycloaddition of Nonstabilized Azomethine Ylides and Cu-Free Click Reactions. <i>Molecules</i> , 2019, 24, 601.	3.8	18
10	Recyclable Organocatalyst for One-Pot Asymmetric Synthesis of Dihydrofuranone and Tetrahydropyranone Spirooxindoles. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 150-155.	2.4	11
11	One-Pot Double [3 + 2] Cycloadditions for Diastereoselective Synthesis of Pyrrolidine-Based Polycyclic Systems. <i>Journal of Organic Chemistry</i> , 2018, 83, 13536-13542.	3.2	24
12	Impact of the complexing cation on the sensitivity of collision-induced dissociation spectra to fatty acid position for a set of YXY/YYX-type triglycerides. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1591-1598.	1.5	5
13	Oxidative transformation of tunichromes – Model studies with 1,2-dehydro-N-acetyldopamine and N-acetylcysteine. <i>Bioorganic Chemistry</i> , 2017, 73, 53-62.	4.1	7
14	Unraveling complex molecular transformations of 1,2-dehydro-N-acetyldopamine that account for brown coloration of insect cuticle. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1363-1373.	1.5	16
15	Oxidative transformation of a tunichrome model compound provides new insight into the crosslinking and defense reaction of tunichromes. <i>Bioorganic Chemistry</i> , 2017, 71, 219-229.	4.1	14
16	A simple and economical strategy for obtaining calibration plots for relative quantification of positional isomers of YYX/XYX triglycerides using high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1690-1698.	1.5	7
17	Novel post-translational oligomerization of peptidyl dehydrodopa model compound, 1,2-dehydro-N-acetyldopa methyl ester. <i>Bioorganic Chemistry</i> , 2016, 66, 33-40.	4.1	9
18	Connecting Solubility, Equilibrium, and Periodicity in a Green, Inquiry Experiment for the General Chemistry Laboratory. <i>Journal of Chemical Education</i> , 2008, 85, 251.	2.3	11

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19	Examining the collision-induced decomposition spectra of ammoniated triglycerides. III. The linoleate and arachidonate series. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3262-3268.	1.5	22
20	Examining the collision-induced decomposition spectra of ammoniated triglycerides as a function of fatty acid chain length and degree of unsaturation. II. The PXP/YPY series. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 171-177.	1.5	34
21	Examining the collision-induced decomposition spectra of ammoniated triglycerides as a function of fatty acid chain length and degree of unsaturation. I. The OXO/YOY series. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2528-2538.	1.5	44
22	Determining the relative amounts of positional isomers in complex mixtures of triglycerides using reversed-phase high-performance liquid chromatography-tandem mass spectrometry. <i>Lipids</i> , 2004, 39, 273-284.	1.7	60
23	Proton affinities of saturated aliphatic methyl esters. <i>Journal of the American Society for Mass Spectrometry</i> , 2000, 11, 789-796.	2.8	22