List of Publications by Year in descending order

22 papers	235 citations	1040056 9 h-index	1058476 14 g-index
22 all docs	22 docs citations	22 times ranked	223 citing authors

#	Article	IF	Citations
1	Sorption enhancement of TBBPA from water by fly ash-supported nanostructured Î³-MnO 2. Journal of Industrial and Engineering Chemistry, 2015, 21, 610-619.	5.8	50
2	(â^')ESI/CAD MSⁿ Procedure for Sequencing Lignin Oligomers Based on a Study of Synthetic Model Compounds with Î²-O-4 and 5-5 Linkages. Analytical Chemistry, 2017, 89, 13089-13096.	6.5	22
3	Direct functionalization of Câ^'H bonds by electrophilic anions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23374-23379.	7.1	21
4	Space- and Time-Resolved Metabolomics of a High-Grade Serous Ovarian Cancer Mouse Model. Cancers, 2022, 14, 2262.	3.7	17
5	Differentiating Isomeric Deprotonated Glucuronide Drug Metabolites via Ion/Molecule Reactions in Tandem Mass Spectrometry. Analytical Chemistry, 2018, 90, 9426-9433.	6.5	16
6	Graph-based machine learning interprets and predicts diagnostic isomer-selective ionâ€“molecule reactions in tandem mass spectrometry. Chemical Science, 2020, 11, 11849-11858.	7.4	12
7	Laser-induced acoustic desorption. MRS Bulletin, 2019, 44, 372-381.	3.5	11
8	Identification of Carboxylate, Phosphate, and Phenoxide Functionalities in Deprotonated Molecules Related to Drug Metabolites via Ionâ€“Molecule Reactions with water and Diethylhydroxyborane. Journal of the American Society for Mass Spectrometry, 2017, 28, 2189-2200.	2.8	10
9	Relative Reactivities of Three Isomeric Aromatic Biradicals with a 1,4â€Biradical Topology Are Controlled by Polar Effects. Chemistry - A European Journal, 2019, 25, 6355-6361.	3.3	10
10	Gas-Phase Reactivity of Phenylcarbyne Anions. Journal of the American Chemical Society, 2022, 144, 8576-8590.	13.7	10
11	Effects of the Distance between Radical Sites on the Reactivities of Aromatic Biradicals. Journal of Organic Chemistry, 2020, 85, 8415-8428.	3.2	9
12	Spinâ€“Spin Coupling Between Two meta â€Benzyne Moieties In a Quinolinium Tetraradical Cation Increases Their Reactivities. Chemistry - A European Journal, 2019, 25, 4472-4477.	3.3	7
13	Reactivity of organic Ïƒ,Ïƒ,Ïƒ,Ïƒ,Ïƒ-pentaradicals. International Journal of Mass Spectrometry, 2019, 435, 280-290.	1.5	7
14	Characterization of Protonated Substituted Ureas by Using Diagnostic Gas-Phase Ion-Molecule Reactions Followed by Collision-Activated Dissociation in Tandem Mass Spectrometry Experiments. Analytical Chemistry, 2021, 93, 7851-7859.	6.5	6
15	Substituent Effects on the Reactivity of the 2,4,6â€Tridehydropyridinium Cation, an Aromatic Ïƒ,Ïƒ,Ïƒâ€Triradical. European Journal of Organic Chemistry, 2018, 2018, 6582-6589.	2.4	5
16	Gas phase fragmentation of adducts between dioxygen and closo-borate radical anions. International Journal of Mass Spectrometry, 2019, 436, 71-78.	1.5	5
17	Fast Determination of the Lignin Monomer Compositions of Genetic Variants of Poplar via Fast Pyrolysis/Atmospheric Pressure Chemical Ionization Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2021, 32, 2546-2551.	2.8	4
18	Polar Effects Control the Gasâ€Phase Reactivity of paraâ€Benzyne Analogs. ChemPhysChem, 2018, 19, 2839-2842.	2.1	3

#	Article	IF	Citations
19	Protonated Ground-State Singlet meta-Pyridynes React from an Excited Triplet State. Journal of Organic Chemistry, 2021, 86, 3249-3260.	3.2	3
20	Identification of the carboxylic acid functionality in protonated drug metabolite model compounds by using tandem mass spectrometry based on ion-molecule reactions coupled with high performance liquid chromatography. International Journal of Mass Spectrometry, 2021, 463, 116551.	1.5	3
21	Reactivity of para-benzynes in solution and in the gas phase. Tetrahedron Letters, 2021, 74, 153161.	1.4	3
22	Differentiation of Protonated Sulfonate Esters from Isomeric Sulfite Esters and Sulfones by Gas-Phase Ionâ€“Molecule Reactions Followed by Diagnostic Collision-Activated Dissociation in Tandem Mass Spectrometry Experiments. Analytical Chemistry, 0, , .	6.5	1