

Francis Berthias

List of Publications by Year in descending order

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docs citations

19
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Velocity of a Molecule Evaporated from a Water Nanodroplet: Maxwell-Boltzmann Statistics versus Non-Ergodic Events. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14685-14689.	13.8	28
2	Fingerprints of Both Watson-Crick and Hoogsteen Isomers of the Isolated (Cytosine-Guanine)H ⁺ Pair. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5501-5506.	4.6	22
3	Differential Ion Mobility Separations of <i>d</i> / <i>l</i> Peptide Epimers. <i>Analytical Chemistry</i> , 2021, 93, 4015-4022.	6.5	21
4	Ligand-induced decarbonylation in diphosphine-ligated palladium acetates [CH ₃ CO ₂ Pd(PR ₂) ₂ CH ₂] ⁺ (R) Tj ETQ 0 0 rBT /Overlo	4.0	18
5	Resolution and Assignment of Differential Ion Mobility Spectra of Sarcosine and Isomers. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 752-760.	2.8	17
6	Collision-induced dissociation of protonated water clusters. <i>Physical Review A</i> , 2014, 89, .	2.5	11
7	Proton Migration in Clusters Consisting of Protonated Pyridine Solvated by Water Molecules. <i>ChemPhysChem</i> , 2015, 16, 3151-3155.	2.1	11
8	Collision-induced evaporation of water clusters and contribution of momentum transfer. <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	11
9	Disentangling Lipid Isomers by High-Resolution Differential Ion Mobility Spectrometry/Ozone-Induced Dissociation of Metalated Species. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2827-2836.	2.8	9
10	Measurement of the velocity of neutral fragments by the "correlated ion and neutral time of flight" method combined with "velocity-map imaging". <i>Review of Scientific Instruments</i> , 2017, 88, 083101.	1.3	7
11	Correlated ion and neutral time of flight technique combined with velocity map imaging: Quantitative measurements for dissociation processes in excited molecular nano-systems. <i>Review of Scientific Instruments</i> , 2018, 89, 013107.	1.3	5
12	Infrared isomer-specific fragmentation for the identification of aminobutyric acid isomers separated by differential mobility spectrometry. <i>International Journal of Mass Spectrometry</i> , 2019, 443, 16-21.	1.5	5
13	Identification and quantification of amino acids and related compounds based on Differential Mobility Spectrometry. <i>Analyst</i> , The, 2020, 145, 4889-4900.	3.5	5
14	Correlated detection of neutral and charged fragments in collision induced fragmentation of molecular clusters. <i>International Journal of Mass Spectrometry</i> , 2014, 365-366, 311-315.	1.5	3
15	Charge-transfer induced dissociation in the H+(H ₂ O) ₃ -Ar collisions observed with the COINTOF mass spectrometer. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	3
16	Sequential evaporation of water molecules from protonated water clusters: measurement of the velocity distributions of the evaporated molecules and statistical analysis. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 18066-18073.	2.8	3
17	Maxwell-Boltzmann versus non-ergodic events in the velocity distribution of water molecules evaporated from protonated water nanodroplets. <i>Journal of Chemical Physics</i> , 2018, 149, 084308.	3.0	1