

Brett M Marsh

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

457
citations

759233

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all docs

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docs citations

22
times ranked

707
citing authors

#	ARTICLE	IF	CITATIONS
1	A dual cryogenic ion trap spectrometer for the formation and characterization of solvated ionic clusters. <i>Journal of Chemical Physics</i> , 2015, 143, 204201.	3.0	72
2	Reaction Acceleration in Electrospray Droplets: Size, Distance, and Surfactant Effects. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2022-2030.	2.8	60
3	Interaction between ionic liquid cation and water: infrared predissociation study of [bmim] ⁺ ·(H ₂ O) _n clusters. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18905-18913.	2.8	39
4	Picosecond Dynamics of Avobenzone in Solution. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6155-6161.	2.5	36
5	Vibrational Spectroscopy of Small Hydrated CuOH ⁺ Clusters. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2063-2071.	2.5	33
6	Layer-resolved ultrafast extreme ultraviolet measurement of hole transport in a Ni-TiO ₂ -Si photoanode. <i>Science Advances</i> , 2020, 6, eaay6650.	10.3	29
7	Probing the Hydrogen-Bonded Water Network at the Active Site of a Water Oxidation Catalyst: [Ru(bpy)(tpy)(H ₂ O)] ²⁺ ·(H ₂ O) ₄ . <i>Journal of Physical Chemistry A</i> , 2015, 119, 6326-6332.	2.5	28
8	Coordination structure and charge transfer in microsolvated transition metal hydroxide clusters [MOH] ⁺ (H ₂ O) ₄ . <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 23195-23206.	2.8	24
9	Characterization of the Oxygen Binding Motif in a Ruthenium Water Oxidation Catalyst by Vibrational Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4079-4082.	13.8	20
10	Intramolecular Hydrogen Bonding Motifs in Deprotonated Glycine Peptides by Cryogenic Ion Infrared Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2014, 118, 3906-3912.	2.5	17
11	Charge transfer in MOH(H ₂ O) ⁺ (M = Mn, Fe, Co, Ni, Cu, Zn) complexes revealed by vibrational spectroscopy of mass-selected ions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25786-25792.	2.8	16
12	Vibrational spectroscopy of isolated copper(II) complexes with deprotonated triglycine and tetraglycine peptides. <i>RSC Advances</i> , 2015, 5, 1790-1795.	3.6	14
13	Ion Manipulation in Open Air Using 3D-Printed Electrodes. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2584-2593.	2.8	12
14	Bacterial growth monitored by two-dimensional tandem mass spectrometry. <i>Analyst</i> , 2022, 147, 940-946.	3.5	12
15	Measuring the Surface Photovoltage of a Schottky Barrier under Intense Light Conditions: Zn/p-Si(100) by Laser Time-Resolved Extreme Ultraviolet Photoelectron Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21904-21912.	3.1	9
16	Nonmetal to Metal Transition and Ultrafast Charge Carrier Dynamics of Zn Clusters on p-Si(100) by fs-XUV Photoemission Spectroscopy. <i>Nano Letters</i> , 2018, 18, 4107-4114.	9.1	9
17	Temporal distribution of ions in ambient pressure drift tubes with turns. <i>International Journal of Mass Spectrometry</i> , 2020, 456, 116391.	1.5	8
18	Fourier Transform-Ion Mobility Linear Ion Trap Mass Spectrometer Using Frequency Encoding for Recognition of Related Compounds in a Single Acquisition. <i>Analytical Chemistry</i> , 2020, 92, 5107-5115.	6.5	8

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19	Mass Spectrometric and Vibrational Characterization of Reaction Intermediates in [Ru(bpy)(tpy)(H ₂ O) ₂]Cl ₂ · 2H ₂ O. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1074-1079.	2.8	7
20	Characterization of the Oxygen Binding Motif in a Ruthenium Water Oxidation Catalyst by Vibrational Spectroscopy. <i>Angewandte Chemie</i> , 2016, 128, 4147-4150.	2.0	3
21	Ultrafast time-resolved extreme ultraviolet (XUV) photoelectron spectroscopy of hole transfer in a Zn/n-GaP Schottky junction. <i>Structural Dynamics</i> , 2018, 5, 054502.	2.3	3
22	Nonmetal-to-Metal Transition of Magnesia Supported Au Clusters Affects the Ultrafast Dissociation Dynamics of Adsorbed CH ₃ Br Molecules. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 4747-4753.	4.6	1