

Hideya Koizumi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1721021/publications.pdf>

Version: 2024-02-01

27
papers

506
citations

623734

14
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

450
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupled cluster study of the partial charge of hydrogen in HnX molecules in s and p block: Relationship with electronegativity. <i>Chemical Physics Letters</i> , 2020, 755, 137763.	2.6	4
2	The role of hydroxyl groups in interchain interactions in cellulose I _± and I ₂ . <i>International Journal of Quantum Chemistry</i> , 2017, 117, e25357.	2.0	4
3	Vibrational band assignment of 2-ethyl-1-hexanol. <i>Journal of Theoretical and Computational Chemistry</i> , 2017, 16, 1750023.	1.8	2
4	Characterization of quadrupole mass filters operated with frequency-asymmetric and amplitude-asymmetric waveforms. <i>International Journal of Mass Spectrometry</i> , 2016, 404, 8-13.	1.5	7
5	Application of Parallel Hybrid Algorithm in Massively Parallel GPGPU—The Improved Effective and Efficient Method for Calculating Coulombic Interactions in Simulations of Many Ions with SIMION. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1609-1615.	2.8	2
6	A hybrid approach to calculating Coulombic interactions: An effective and efficient method for optimization of simulations of many ions in quadrupole ion storage device with SIMION. <i>International Journal of Mass Spectrometry</i> , 2012, 315, 74-80.	1.5	7
7	Theoretical and ATR-FTIR study of free 12-crown-4 in aqueous solution. <i>Chemical Physics Letters</i> , 2011, 502, 253-258.	2.6	12
8	Simulation of duty cycle-based trapping and ejection of massive ions using linear digital quadrupoles: The enabling technology for high resolution time-of-flight mass spectrometry in the ultra high mass range. <i>International Journal of Mass Spectrometry</i> , 2011, 304, 36-40.	1.5	27
9	ESI-QIMS Investigation of Sr, Rb, and Crown Ether Mixture Solutions. <i>Analytical Letters</i> , 2011, 44, 2170-2181.	1.8	0
10	Controlling the expansion into vacuum—the enabling technology for trapping atmosphere-sampled particulate ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 242-248.	2.8	13
11	A novel phase-coherent programmable clock for high-precision arbitrary waveform generation applied to digital ion trap mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2010, 292, 23-31.	1.5	10
12	Derivation of mathematical expressions to define resonant ejection from square and sinusoidal wave ion traps. <i>International Journal of Mass Spectrometry</i> , 2009, 286, 64-69.	1.5	16
13	The effect of endcap electrode holes on the resonant ejection from an ion trap. <i>International Journal of Mass Spectrometry</i> , 2009, 281, 108-114.	1.5	10
14	Trapping of Intact, Singly-Charged, Bovine Serum Albumin Ions Injected from the Atmosphere with a 10-cm Diameter, Frequency-Adjusted Linear Quadrupole Ion Trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 1942-1947.	2.8	21
15	Threshold Photoelectron Photoion Coincidence Spectroscopy: Dissociation Dynamics and Thermochemistry of Ge(CH ₃) ₄ , Ge(CH ₃) ₃ Cl, and Ge(CH ₃) ₃ Br. <i>Journal of Physical Chemistry A</i> , 2006, 110, 5032-5037.	2.5	11
16	Heats of formation of GeH ₄ , GeF ₄ and Ge(CH ₃) ₄ . <i>Chemical Physics</i> , 2006, 324, 385-392.	1.9	22
17	Heats of Formation of the Propionyl Ion and Radical and 2,3-Pentanedione by Threshold Photoelectron Photoion Coincidence Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2005, 109, 939-946.	2.5	24
18	Sequential Bond Energies of Fe+(CO) ₂ _n , n= 1~5, Determined by Threshold Collision-Induced Dissociation and ab Initio Theory. <i>Journal of Physical Chemistry A</i> , 2005, 109, 11365-11375.	2.5	22

#	ARTICLE	IF	CITATIONS
19	Reaction of Cu ⁺ with dimethoxyethane: Competition between association and multiple dissociation channels. <i>Journal of Chemical Physics</i> , 2004, 120, 756-766.	3.0	16
20	Heats of Formation of the Acetyl Radical and Ion Obtained by Threshold Photoelectron Photoion Coincidence. <i>Journal of Physical Chemistry A</i> , 2004, 108, 5288-5294.	2.5	55
21	The Heats of Formation of tert-Butyl Isocyanide and Other Alkyl Isocyanides by Photoelectron Photoion Coincidence Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2004, 108, 5956-5961.	2.5	11
22	Sequential bond energies of Ag ⁺ (H ₂ O) _n and Ag ⁺ (dimethyl ether) _n , n = 1-4, determined by threshold collision-induced dissociation. <i>International Journal of Mass Spectrometry</i> , 2003, 228, 221-235.	1.5	35
23	Collision-Induced Dissociation and Theoretical Studies of Ag ⁺ (methanol) _n , n = 1-4. <i>Journal of Physical Chemistry A</i> , 2003, 107, 2829-2838.	2.5	18
24	The kinetic energy dependence of association reactions. A new thermokinetic method for large systems. <i>Journal of Chemical Physics</i> , 2003, 119, 12819-12829.	3.0	35
25	Bond Dissociation Energies and Structures of CuNO ⁺ and Cu(NO) ₂ ⁺ . <i>Inorganic Chemistry</i> , 2002, 41, 5882-5890.	4.0	46
26	Collision-Induced Dissociation and Theoretical Studies of Cu ⁺ -Dimethyl Ether Complexes. <i>Journal of Physical Chemistry A</i> , 2001, 105, 2444-2452.	2.5	45
27	Collision-induced dissociation and theoretical studies of Cu ⁺ -dimethoxyethane complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 480-489.	2.8	31