

Lutz Schweikhard

List of Publications by Year in descending order

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23
papers

763
citations

933447

10
h-index

713466

21
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23
all docs

23
docs citations

23
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodissociation of mono- and di-anionic tin clusters. European Physical Journal D, 2020, 74, 1.	1.3	3
2	Isotope-resolved photodissociation pathways of lead-doped bismuth clusters from tandem multi-reflection time-of-flight mass spectrometry. Physical Review Research, 2019, 1, .	3.6	6
3	Disentangling the photodissociation pathways of small lead clusters by time-resolved monitoring of their delayed decays: the case of Pb_n^+ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 044005.	1.5	5
4	Interaction of anionic tin clusters Sn_n^- , $n = 7-75$ with electrons – polyanion production and cluster decay. European Physical Journal D, 2018, 72, 1.	1.3	3
5	Electron attachment to anionic clusters in ion traps. Hyperfine Interactions, 2015, 236, 19-27.	0.5	3
6	Abundances of Tetra-, Penta-, and Hexa-Anionic Gold Clusters. Journal of Physical Chemistry C, 2015, 119, 10949-10957.	3.1	13
7	Lifting of the trapping potential during ion storage for multi-anion production in a Penning trap. International Journal of Mass Spectrometry, 2012, 313, 30-35.	1.5	10
8	A multi-reflection time-of-flight mass separator for isobaric purification of radioactive ion beams. Hyperfine Interactions, 2011, 199, 115-122.	0.5	49
9	Dipolar and quadrupolar detection using an FT-ICR MS setup at the MPIK Heidelberg. Hyperfine Interactions, 2011, 199, 347-355.	0.5	9
10	Unintended Parametric Ejection of Ions from an Ion Cyclotron Resonance Trap by Two-Electrode Axialization. European Journal of Mass Spectrometry, 2009, 15, 283-291.	1.0	3
11	The elliptical Penning trap: Experimental investigations and simulations. International Journal of Mass Spectrometry, 2008, 275, 34-44.	1.5	14
12	Simultaneous monitoring of the radial modes of the ion motion and their manipulation in Penning traps by FT-ICR mass spectrometry. International Journal of Mass Spectrometry, 2007, 263, 94-100.	1.5	9
13	Trap-based Cluster Research and Cluster-based Investigations of Ion Storage at ClusterTrap. AIP Conference Proceedings, 2006, , .	0.4	2
14	The influence of spontaneous m/z-changes on the ion motion in an ion cyclotron resonance trap. International Journal of Mass Spectrometry, 2004, 234, 161-169.	1.5	9
15	Multiply Charged Metal Cluster Anions. Physical Review Letters, 2001, 86, 2996-2999.	7.8	64
16	Internal ion impact ionization for Fourier-transform ion cyclotron resonance. Rapid Communications in Mass Spectrometry, 1994, 8, 14-21.	1.5	0
17	A two-electrode ion trap for Fourier transform ion cyclotron resonance mass spectrometry. International Journal of Mass Spectrometry and Ion Processes, 1994, 137, 9-30.	1.8	16
18	Excitation modes for fourier transform-ion cyclotron resonance mass spectrometry. Journal of the American Society for Mass Spectrometry, 1993, 4, 433-452.	2.8	95

#	ARTICLE	IF	CITATIONS
19	Mass-to-charge ratio upper limits for matrix-assisted laser desorption Fourier transform ion cyclotron resonance mass spectrometry. <i>Analytical Chemistry</i> , 1992, 64, 1461-1469.	6.5	16
20	Fourier transform ion cyclotron resonance mass spectrometry: technique developments. , 1992, , 37-70.		0
21	Quadrupolar excitation and collisional cooling for axialization and high pressure trapping of ions in Fourier transform ion cyclotron resonance mass spectrometry. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1992, 120, 71-83.	1.8	144
22	Fourier transform ion cyclotron resonance mass spectrometry: technique developments. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1992, 118-119, 37-70.	1.8	133
23	Observation of the doubly charged, gas-phase fullerene anions C60 ²⁻ and C70 ²⁻ . <i>Journal of the American Chemical Society</i> , 1991, 113, 6795-6798.	13.7	157