

Anton Lindahl

List of Publications by Year in descending order

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27
papers

661
citations

687363

13
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1091
citing authors

#	ARTICLE	IF	CITATIONS
1	Attosecond time-resolved energy structure of X-ray free-electron laser pulses. Nature Photonics, 2018, 12, 215-220.	31.4	137
2	Polarization control in an X-ray free-electron laser. Nature Photonics, 2016, 10, 468-472.	31.4	116
3	Lithium isotopes beyond the drip line. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 430-434.	4.1	79
4	Accurate prediction of X-ray pulse properties from a free-electron laser using machine learning. Nature Communications, 2017, 8, 15461.	12.8	71
5	Properties of the ^7He ground state from ^8He neutron knockout. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 191-196.	4.1	50
6	Circular dichroism measurements at an x-ray free-electron laser with polarization control. Review of Scientific Instruments, 2016, 87, 083113.	1.3	29
7	The electron affinity of tungsten. European Physical Journal D, 2010, 60, 219-222.	1.3	20
8	Isobar suppression in AMS using laser photodetachment. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4565-4568.	1.4	19
9	The electron affinity of phosphorus. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 4097-4107.	1.5	18
10	Observation of the S^1 metastable state in Pt^+ . Physical Review A, 2011, 82, 053302.	2.5	18
11	Ion optical design of a collinear laser-negative ion beam apparatus. Review of Scientific Instruments, 2011, 82, 053302.	1.3	17
12	AMS of ^{36}Cl with the VERA 3MV tandem accelerator. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 115-120.	1.4	17
13	Nearly complete isobar suppression by photodetachment. Journal of Applied Physics, 2010, 107, 026102.	2.5	13
14	Threshold Photodetachment in a Repulsive Potential. Physical Review Letters, 2012, 108, 033004.	7.8	10
15	Feasibility of photodetachment isobar suppression of WF with respect to HfF. International Journal of Mass Spectrometry, 2014, 359, 12-18.	1.5	8
16	The electronic structure of and. Chemical Physics Letters, 2011, 511, 196-200.	2.6	6
17	Megahertz-compatible angular streaking with few-femtosecond resolution at x-ray free-electron lasers. Physical Review A, 2019, 100, 013801.	2.5	6
18	Experimental studies of partial photodetachment cross sections in K^+ .		

#	ARTICLE	IF	CITATIONS
19	Light induced suppression of sulfur in a cesium sputter ion source. International Journal of Mass Spectrometry, 2012, 315, 55-59.	1.5	5
20	Experimental investigation of electron impact on Si^{2+} . Physical Review A, 2008, 77, . Observation of thresholds and overlapping resonances below the 10	2.5	4
21	$\frac{P}{m_1 m_2} < \mathbb{P} >$	2.0	4
22	Threshold behaviour in photodetachment into a final state with large negative polarizability. Europhysics Letters, 2014, 106, 53001.	2.0	4
23	Depletion of the excited state population in negative ions using laser photodetachment in a gas-filled RF quadrupole ion guide. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 115008.	1.5	3
24	Isobar Selective Laser Photodetachment In Trace Element Analysis. , 2009, , .		1
25	Beam purification by photodetachment (invited). Review of Scientific Instruments, 2012, 83, 02A711.	1.3	1
26	Threshold behaviour in photodetachment of K^{+} . Journal of Physics: Conference Series, 2012, 388, 022103.	0.4	0
27	Partial photodetachment cross sections in K^{+} . Journal of Physics: Conference Series, 2012, 388, 022104.	0.4	0