

# Anton Lindahl

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Megahertz-compatible angular streaking with few-femtosecond resolution at x-ray free-electron lasers. <i>Physical Review A</i> , 2019, 100, .	2.5	6
2	Attosecond time- $\epsilon$ energy structure of X-ray free-electron laser pulses. <i>Nature Photonics</i> , 2018, 12, 215-220.	31.4	137
3	Accurate prediction of X-ray pulse properties from a free-electron laser using machine learning. <i>Nature Communications</i> , 2017, 8, 15461.	12.8	71
4	Circular dichroism measurements at an x-ray free-electron laser with polarization control. <i>Review of Scientific Instruments</i> , 2016, 87, 083113.	1.3	29
5	Polarization control in an X-ray free-electron laser. <i>Nature Photonics</i> , 2016, 10, 468-472.	31.4	116
6	Threshold behaviour in photodetachment into a final state with large negative polarizability. <i>Europhysics Letters</i> , 2014, 106, 53001.	2.0	4
7	Feasibility of photodetachment isobar suppression of WF with respect to HfF. <i>International Journal of Mass Spectrometry</i> , 2014, 359, 12-18.	1.5	8
8	AMS of $^{36}\text{Cl}$ with the VERA 3MV tandem accelerator. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 294, 115-120.	1.4	17
9	Overlapping resonances below the $10^2$ eV. <i>Physical Review Letters</i> , 2013, 110, 033004.	7.8	10
10	Beam purification by photodetachment (invited). <i>Review of Scientific Instruments</i> , 2012, 83, 02A711.	1.3	1
11	Threshold Photodetachment in a Repulsive Potential. <i>Physical Review Letters</i> , 2012, 108, 033004. Experimental studies of partial photodetachment cross sections in K $\alpha$ photoelectron spectroscopy.	7.8	10
12			

#	ARTICLE	IF	CITATIONS
19	Nearly complete isobar suppression by photodetachment. Journal of Applied Physics, 2010, 107, 026102.	2.5	13
20	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
21	Isobar Selective Laser Photodetachment In Trace Element Analysis. , 2009, , .		1
22	Observation of the metastable state in $S_1$ state in $Pt$	2.5	18
23	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
24	Isobar suppression in AMS using laser photodetachment. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4565-4568.	1.4	19
25	Lithium isotopes beyond the drip line. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 430-434.	4.1	79
26	Experimental investigation of electron impact on $Si_2^{2-}$ . Physical Review A, 2008, 77, .	2.5	4
27	The electron affinity of phosphorus. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 4097-4107.	1.5	18