

# Marcus AgÅ¥ker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/718434/publications.pdf>

Version: 2024-02-01

19  
papers

247  
citations

1163117

8  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

699  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate prediction of X-ray pulse properties from a free-electron laser using machine learning. Nature Communications, 2017, 8, 15461.	12.8	71
2	The SPECIES beamline at the MAX IV Laboratory: a facility for soft X-ray RIXS and APXPS. Journal of Synchrotron Radiation, 2017, 24, 344-353.	2.4	38
3	Stimulated X-ray Raman scattering – a critical assessment of the building block of nonlinear X-ray spectroscopy. Faraday Discussions, 2016, 194, 305-324.	3.2	25
4	Photon-recoil imaging: Expanding the view of nonlinear x-ray physics. Science, 2020, 369, 1630-1633.	12.6	19
5	A new compact soft x-ray spectrometer for resonant inelastic x-ray scattering studies at PETRA III. Review of Scientific Instruments, 2015, 86, 093109.	1.3	18
6	Orbital dynamics during an ultrafast insulator to metal transition. Physical Review Research, 2020, 2, .	3.6	14
7	Radiative decay spectra of selected doubly excited states in helium. Physical Review A, 2008, 77, .	2.5	9
8	Measuring the temporal coherence of a high harmonic generation setup employing a Fourier transform spectrometer for the VUV/XUV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 768, 84-88.	1.6	9
9	Resonant Inelastic Soft X-Ray Scattering at Hollow Lithium States in Solid LiCl. Physical Review Letters, 2004, 93, .	7.8	5
10	Resonant inelastic soft x-ray scattering at double core excitations in solid LiCl. Physical Review B, 2006, 73, .	3.2	5
11	Spectroscopy in the vacuum-ultraviolet. Nature Photonics, 2011, 5, 248-248.	31.4	5
12	An ultra-high vacuum chamber for scattering experiments featuring in-vacuum continuous in-plane variation of the angle between entrance and exit vacuum ports. Review of Scientific Instruments, 2015, 86, 095110.	1.3	5
13	A five-axis parallel kinematic mirror unit for soft X-ray beamlines at MAX-IV. Journal of Synchrotron Radiation, 2020, 27, 262-271.	2.4	5
14	Oxygen K-edge x-ray-emission threshold-electron coincidence spectrum of $\text{CO}_2$ . Physical Review A, 2007, 76, .	2.5	4
15	Double core excitations in LiI: Evidence for multicenter coupling in resonant inelastic soft x-ray scattering spectra. Physical Review B, 2006, 74, .	3.2	3
16	An ultra-high-stability four-axis ultra-high-vacuum sample manipulator. Journal of Synchrotron Radiation, 2021, 28, 1059-1068.	2.4	2
17	Double core excitations in lithium halides. Physical Review B, 2007, 75, .	3.2	1
18	Resonant inelastic soft x-ray scattering on $\text{LaPt}_2\text{Si}_2$ . Journal of Physics Condensed Matter, 0, , .	1.8	1

#	ARTICLE	IF	CITATIONS
19	10.1063/1.4931041.1., 2015,, .		0