

# Markus Ries

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6861607/publications.pdf>

Version: 2024-02-01

9  
papers

175  
citations

1478505

6  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metrology Light Source: The first electron storage ring optimized for generating coherent THz radiation. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2011, 14, .	1.8	80
2	Experimental demonstration of the mechanism of steady-state microbunching. <i>Nature</i> , 2021, 590, 576-579.	27.8	38
3	Single-particle dynamics of microbunching. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	19
4	Flipping the helicity of X-rays from an undulator at unprecedented speed. <i>Communications Physics</i> , 2020, 3, .	5.3	13
5	Widening and distortion of the particle energy distribution by chromaticity in quasi-isochronous rings. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	11
6	Bunch-resolved diagnostics for a future electron-storage ring. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 990, 164992.	1.6	7
7	Analytical and numerical analysis of longitudinally coupled transverse dynamics of Pulse Picking by Resonant Excitation in storage rings serving timing and high-flux users simultaneously. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 940, 387-392.	1.6	4
8	Development of the Electron-Beam Diagnostics for the Future BESSY-VSR Storage Ring. <i>Journal of Physics: Conference Series</i> , 2018, 1067, 072005.	0.4	3
9	Beam halo measurements for special bunches in a storage ring by using a coronagraph. <i>Review of Scientific Instruments</i> , 2021, 92, 123302.	1.3	0