

Marc W Guetg

List of Publications by Year in descending order

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840776

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18
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	Fresh-slice multicolour X-ray free-electron lasers. <i>Nature Photonics</i> , 2016, 10, 745-750.	31.4	131
2	Stimulated X-Ray Emission Spectroscopy in Transition Metal Complexes. <i>Physical Review Letters</i> , 2018, 120, 133203.	7.8	48
3	Commissioning experience and beam physics measurements at the SwissFEL Injector Test Facility. <i>Physical Review Accelerators and Beams</i> , 2016, 19, .	1.6	41
4	High-Power Femtosecond Soft X Rays from Fresh-Slice Multistage Free-Electron Lasers. <i>Physical Review Letters</i> , 2018, 120, 264801.	7.8	38
5	Generation of High-Power High-Intensity Short X-Ray Free-Electron-Laser Pulses. <i>Physical Review Letters</i> , 2018, 120, 014801.	7.8	31
6	Beam shaping to improve the free-electron laser performance at the Linac Coherent Light Source. <i>Physical Review Accelerators and Beams</i> , 2016, 19, .	1.6	31
7	Opportunities for Two-Color Experiments in the Soft X-ray Regime at the European XFEL. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2728.	2.5	27
8	Dispersion-Based Fresh-Slice Scheme for Free-Electron Lasers. <i>Physical Review Letters</i> , 2018, 120, 264802.	7.8	21
9	Observation of Seeded Mn K α Stimulated X-Ray Emission Using Two-Color X-Ray Free-Electron Laser Pulses. <i>Physical Review Letters</i> , 2020, 125, 037404.	7.8	20
10	Test results of the 18 kA EDIPO HTS current leads. <i>Fusion Engineering and Design</i> , 2011, 86, 1414-1417.	1.9	17
11	Measurements of wake-induced electron beam deflection in a dechirper at the Linac Coherent Light Source. <i>Physical Review Accelerators and Beams</i> , 2017, 20, .	1.6	14
12	Simulation analysis and optimization of fresh-slice multistage free-electron lasers. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	4
13	Experimental demonstration of two-color x-ray free-electron-laser pulses via wakefield excitation. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	1.6	3
14	Revision of optical klystron enhancement effects in self-amplified spontaneous emission free electron lasers. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	1.6	3
15	A simple method for a very short X-ray pulse production and attosecond diagnostic at LCLS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 921, 57-64.	1.6	1
16	Wake measurements of a dechirper jaw with nonzero tilt angle. <i>Physical Review Accelerators and Beams</i> , 2018, 21, .	1.6	1
17	Delay-detune scan for longitudinal electron beam characterization at free-electron lasers. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	1
18	Beam loss study for the implementation of corrugated structure at the European XFEL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, , 166780.	1.6	0