

Marc W Guetg

List of Publications by Year in descending order

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840776

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citing authors

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