

Hard X-ray free-electron laser with femtosecond-scale

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Attosecond time-averaged energy structure of X-ray free-electron laser pulses. <i>Nature Photonics</i> , 2018, 12, 215-220.	15.6	137
3	Coulomb-Driven Relativistic Electron Beam Compression. <i>Physical Review Letters</i> , 2018, 120, 044801.	2.9	9
4	Towards ultrafast dynamics with split-pulse X-ray photon correlation spectroscopy at free electron laser sources. <i>Nature Communications</i> , 2018, 9, 1704.	5.8	55
5	Advances in instrumentation for gas-phase spectroscopy and diffraction with short-wavelength free electron lasers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 907, 116-131.	0.7	24
6	Imaging nanoscale spatial modulation of a relativistic electron beam with a MeV ultrafast electron microscope. <i>Applied Physics Letters</i> , 2018, 112, 113102.	1.5	7
7	Towards compact Free Electron Laser based on laser plasma accelerators. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 909, 5-15.	0.7	7
8	S-band Traveling-Wave Deflecting Structures for the PAL-XFEL. <i>Journal of the Korean Physical Society</i> , 2018, 73, 1099-1102.	0.3	2
9	2D WPS System for Measuring the Location Changes in Real Time of PAL-XFEL Devices. <i>Journal of the Korean Physical Society</i> , 2018, 73, 1034-1041.	0.3	1
10	Assessment of the Radiation Dose Level of the PAL-XFEL Hard X-ray Beamlines under Accident Conditions. <i>Journal of the Korean Physical Society</i> , 2018, 73, 1061-1067.	0.3	1
11	Multi-Axis Nanopositioning System for the Hard X-ray Split-Delay System at the LCLS. <i>Synchrotron Radiation News</i> , 2018, 31, 15-20.	0.2	9
12	Toward the Generation of an Isolated TW-Attosecond X-ray Pulse in XFEL. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1588.	1.3	6
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17	Undulator operation for PAL-XFEL large bandwidth modes. <i>Journal of Instrumentation</i> , 2018, 13, T08007-T08007.	0.5	1
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21	Carbonic anhydrase II microcrystals suitable for XFEL studies. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 327-330.	0.4	6
22	Coherent synchrotron radiation monitor for microbunching instability in XFEL. <i>Review of Scientific Instruments</i> , 2018, 89, 063302.	0.6	1
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39	Data Acquisition System of Multi-Port Charge-Coupled Device for PAL-XFEL. <i>Journal of the Korean Physical Society</i> , 2019, 75, 22-26.	0.3	1
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