

# SwissFEL: The Swiss X-ray Free Electron Laser

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Perspective: Opportunities for ultrafast science at SwissFEL. <i>Structural Dynamics</i> , 2017, 4, 061602.	0.9	40
2	X-ray free electron laser: opportunities for drug discovery. <i>Essays in Biochemistry</i> , 2017, 61, 529-542.	2.1	19
3	A Dispersive Inelastic X-ray Scattering Spectrometer for Use at X-ray Free Electron Lasers. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 899.	1.3	12
4	Attosecond time-energy structure of X-ray free-electron laser pulses. <i>Nature Photonics</i> , 2018, 12, 215-220.	15.6	137
5	Elucidating ultrafast electron dynamics at surfaces using extreme ultraviolet (XUV) reflection-absorption spectroscopy. <i>Chemical Communications</i> , 2018, 54, 4216-4230.	2.2	26
6	First full dynamic range calibration of the JUNGFRÄU photon detector. <i>Journal of Instrumentation</i> , 2018, 13, C01027-C01027.	0.5	27
7	Magnetic assessment and modelling of the Aramis undulator beamline. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 686-705.	1.0	12
8	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
9	Absolute laser-intensity measurement and online monitor calibration using a calorimeter at a soft X-ray free-electron laser beamline in SACLA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 894, 107-110.	0.7	4
10	X-ray Free-Electron Laser. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 879.	1.3	5
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	The JUNGFRÄU Detector for Applications at Synchrotron Light Sources and XFELs. <i>Synchrotron Radiation News</i> , 2018, 31, 16-20.	0.2	44
13	Operation and performance of the JUNGFRÄU photon detector during first FEL and synchrotron experiments. <i>Journal of Instrumentation</i> , 2018, 13, C11006-C11006.	0.5	11
14	Focusing X-ray free-electron laser pulses using Kirkpatrick-Baez mirrors at the NCI hutch of the ÅPAL-XFEL. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 289-292.	1.0	44
15	Review of fully coherent free-electron lasers. <i>Nuclear Science and Techniques/Hewuli</i> , 2018, 29, 1.	1.3	75
16	Generation and measurement of sub-micrometer relativistic electron beams. <i>Communications Physics</i> , 2018, 1, .	2.0	10
17	The ACHIP experimental chambers at the Paul Scherrer Institut. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 907, 244-247.	0.7	10
18	Deformable mirror for wavefront shaping of infrared radiation. <i>Optics Letters</i> , 2018, 43, 2062.	1.7	4

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20	Spatial displacement of forward-diffracted X-ray beams by perfect crystals. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, 75-87.	0.0	3
21	Coherent THz Emission Enhanced by Coherent Synchrotron Radiation Wakefield. Scientific Reports, 2018, 8, 11661.	1.6	16
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41	Stress, Roughness and Reflectivity Properties of Sputter-Deposited B <sub>4</sub> C Coatings for X-Ray Mirrors*. Chinese Physics Letters, 2019, 36, 120701.	1.3	13
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56	Attosecond Coherence Time Characterization in Hard X-Ray Free-Electron Laser. <i>Scientific Reports</i> , 2020, 10, 5961.	1.6	2
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