

Heung-Sik Kang

List of Publications by Year in descending order

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19
papers

677
citations

1040056

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22
all docs

22
docs citations

22
times ranked

1168
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress of the PAL-XFEL. Applied Sciences (Switzerland), 2022, 12, 1010.	2.5	10
2	Achievement and prospect of the PAL-XFEL. Journal of the Korean Physical Society, 2022, 80, 684-692.	0.7	1
3	Control Scheme of Phase-Shifter for Photon Energy Scan. Photonics, 2022, 9, 418.	2.0	0
4	High-brightness self-seeded X-ray free-electron laser covering the 3.5â€‰keV to 14.6â€‰keV range. Nature Photonics, 2021, 15, 435-441.	31.4	47
5	Control of reference orbit using wire position sensor for X-ray free electron laser. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1000, 165250.	1.6	0
6	Attosecond XFEL for pump-probe experiments. Nature Photonics, 2020, 14, 7-8.	31.4	13
7	Time-resolved resonant elastic soft x-ray scattering at Pohang Accelerator Laboratory X-ray Free Electron Laser. Review of Scientific Instruments, 2020, 91, 083904.	1.3	14
8	FEL Simulation of New Hard X-ray Undulator Line at PAL-XFEL. Journal of the Korean Physical Society, 2020, 77, 429-437.	0.7	0
9	Hard X-ray self-seeding commissioning at PAL-XFEL. Journal of Synchrotron Radiation, 2019, 26, 1101-1109.	2.4	17
10	FEL performance achieved at PAL-XFEL using a three-chicane bunch compression scheme. Journal of Synchrotron Radiation, 2019, 26, 1127-1138.	2.4	30
11	Stripline beam position monitor for X-ray free electron laser of Pohang Accelerator Laboratory. Review of Scientific Instruments, 2019, 90, 093306.	1.3	1
12	X-ray free electron laser tuning for variable-gap undulators. Physical Review Accelerators and Beams, 2019, 22, .	1.6	9
13	2D WPS System for Measuring the Location Changes in Real Time of PAL-XFEL Devices. Journal of the Korean Physical Society, 2018, 73, 1034-1041.	0.7	1
14	Coherent synchrotron radiation monitor for microbunching instability in XFEL. Review of Scientific Instruments, 2018, 89, 063302.	1.3	1
15	PAL-XFEL soft X-ray scientific instruments and X-ray optics: First commissioning results. Review of Scientific Instruments, 2018, 89, 055105.	1.3	23
16	Hard X-ray free-electron laser with femtosecond-scale timing jitter. Nature Photonics, 2017, 11, 708-713.	31.4	389
17	Development of PAL-XFEL undulator system. Journal of the Korean Physical Society, 2017, 71, 744-751.	0.7	7
18	Construction and Commissioning of PAL-XFEL Facility. Applied Sciences (Switzerland), 2017, 7, 479.	2.5	108

#	ARTICLE	IF	CITATIONS
19	Use of the BINP HLS to measure vertical changes in the locations of the building and ground at the PAL-XFEL. Journal of the Korean Physical Society, 2016, 69, 998-1004.	0.7	5