

Kazuyuki Sakaue

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1205061/publications.pdf>

Version: 2024-02-01

32
papers

258
citations

933447

10
h-index

996975

15
g-index

32
all docs

32
docs citations

32
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	High-charge ultrashort electron bunch generation by an energy chirping cell-attached rf electron gun and its measurement using a transverse deflecting cavity. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	1.6	1
2	Independent contribution of optical attenuation length in ultrafast laser-induced structural change. <i>Optics Express</i> , 2021, 29, 33121.	3.4	0
3	Study on X-ray enhancement in Laser-Compton scattering for auger therapy. <i>International Journal of Radiation Biology</i> , 2020, , 1-5.	1.8	0
4	Durability improvement of Cesium Telluride photocathode for an rf-gun. <i>Journal of Instrumentation</i> , 2020, 15, C05006-C05006.	1.2	2
5	Quasi-monochromatic THz pulse generation using Cherenkov radiation from a spatially modulated electron beam. <i>Journal of Instrumentation</i> , 2020, 15, C04016-C04016.	1.2	1
6	Pulse duration dependence of ablation threshold for fused silica in the visible femtosecond regime. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	8
7	Surface processing of PMMA and metal nano-particle resist by sub-micrometer focusing of coherent extreme ultraviolet high-order harmonics pulses. <i>Optics Letters</i> , 2020, 45, 2926.	3.3	11
8	Soft x-ray laser beamline for surface processing and damage studies. <i>Applied Optics</i> , 2020, 59, 3692.	1.8	2
9	Single-shot multispectral birefringence mapping by supercontinuum vector beams. <i>Applied Optics</i> , 2020, 59, 7131.	1.8	4
10	Detection of birefringence singularity by supercontinuum vector beam. <i>Applied Optics</i> , 2020, 59, 10846.	1.8	1
11	Ablation threshold and crater morphology of amorphous and crystalline SiO ₂ glass for extreme ultraviolet femtosecond pulses. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 122004.	1.5	1
12	Supercontinuum vector beam generation by independent manipulations of angular polarization and geometric phase. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	10
13	Controlled strong excitation of silicon as a step towards processing materials at sub-nanometer precision. <i>Communications Physics</i> , 2019, 2, .	5.3	23
14	Efficient near-infrared supercontinuum beam generation in ytterbium-doped double-clad passive fiber. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 48.	2.1	13
15	Deep-hole drilling of amorphous silica glass by extreme ultraviolet femtosecond pulses. <i>Applied Physics Letters</i> , 2018, 113, 171902.	3.3	19
16	Demonstration of a terahertz pure vector beam by tailoring geometric phase. <i>Scientific Reports</i> , 2018, 8, 8690.	3.3	14
17	Feedback-free optical cavity with self-resonating mechanism. <i>APL Photonics</i> , 2016, 1, .	5.7	4
18	Generation of radially polarized high energy mid-infrared optical vortex by use of a passive axially symmetric ZnSe waveplate. <i>Applied Physics Letters</i> , 2015, 107, 081112.	3.3	7

#	ARTICLE	IF	CITATIONS
19	Temporal profile measurement of an electron bunch with the two-cell rf deflecting cavity at Waseda University. Japanese Journal of Applied Physics, 2015, 54, 026301.	1.5	5
20	Demonstration of the stabilization technique for nonplanar optical resonant cavities utilizing polarization. Review of Scientific Instruments, 2015, 86, 043303.	1.3	4
21	Determination of the polarization states of an arbitrary polarized terahertz beam: Vectorial vortex analysis. Scientific Reports, 2015, 5, 9416.	3.3	26
22	Ultrashort electron bunch generation by an energy chirping cell attached rf gun. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	10
23	Characterization of THz radiation generated by ultra-short bunch from energy chirping cell attached RF electron gun. Vibrational Spectroscopy, 2014, 75, 184-189.	2.2	3
24	Design of a two-cell rf-deflector cavity for ultra-short electron bunch measurement. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 291-298.	1.6	12
25	Construction of nanosecond and picosecond pulse radiolysis system with supercontinuum probe. Radiation Physics and Chemistry, 2013, 84, 10-13.	2.8	6
26	Cs ⁺ Te photocathode RF electron gun for applied research at the Waseda University. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 2928-2931.	1.4	7
27	Photon Generation by Laser-Compton Scattering Using an Optical Resonant Cavity at the KEK-ATF Electron Ring. Journal of the Physical Society of Japan, 2009, 78, 074501.	1.6	10
28	Design of a mode separated RF photo cathode gun. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 361-366.	1.6	14
29	Observation of pulsed x-ray trains produced by laser-electron Compton scatterings. Review of Scientific Instruments, 2009, 80, 123304.	1.3	36
30	Development of a Compact X-ray Source and Super-sensitization of Photo Resists for Soft X-ray Imaging. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2009, 22, 691-696.	0.3	0
31	Development of a Compact X-ray Source and Super-sensitization of Photo Resists for Soft X-ray Imaging. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2009, 22, 273-278.	0.3	2
32	Improvement of panorama-based annotation overlay using omnidirectional vision and inertial sensors. , 0, , .		2