

Seong Hee Park

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

110
citations

1684188

5
h-index

1720034

7
g-index

16
all docs

16
docs citations

16
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards jitter-free ultrafast electron diffraction technology. Nature Photonics, 2020, 14, 245-249.	31.4	55
2	Variable-period permanent-magnet helical undulator. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	19
3	Terahertz radiation generation by nonlinear mixing of two lasers in a plasma with density hill. Physics of Plasmas, 2017, 24, .	1.9	10
4	Generation of a quasi-monoenergetic high energy proton beam from a vacuum-sandwiched double layer target irradiated by an ultraintense laser pulse. Physics of Plasmas, 2014, 21, 043110.	1.9	8
5	Absorption of surface plasmons in a metal-cladding layer-air structure in the terahertz frequency range. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2006, 100, 734-738.	0.6	7
6	Non-destructive inspection system for special nuclear material using inertial electrostatic confinement fusion neutrons and Laser Compton Scattering Gamma-rays. , 2012, , .		6
7	Frequency multiplying oscillator with an electron beam accelerated in a drift space. Applied Physics Letters, 2012, 101, 013507.	3.3	3
8	Development of an S-band cavity-type beam position monitor for a high power THz free-electron laser. Review of Scientific Instruments, 2015, 86, 014703.	1.3	2
9	Efficient generation of proton beams by irradiating an ultra-short, intense laser pulse on thick plastic targets. , 2007, , .		0
10	The effect of tightly focused laser beam on the relativistic nonlinear Thomson scattered radiation. , 2007, , .		0
11	Terahertz radiations on target materials irradiated by an ultra-intense laser pulse. , 2008, , .		0
12	Design of a high-power table-top THz free-electron laser. , 2009, , .		0
13	Dependence of THz radiation on the condition of laser-plasma electron acceleration using a helium gas target. , 2009, , .		0
14	Simulation on a photocathode-based microtron using a 3D PIC code. Journal of the Korean Physical Society, 2015, 66, 358-363.	0.7	0
15	Cherenkov oscillator operating at the second band gap of leakage waveguide structures. AIP Advances, 2016, 6, 105210.	1.3	0