

Eun-San Kim

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Beam Dynamics in a 10-GeV Linear Accelerator for the X-Ray Free Electron Laser at PAL. IEEE Transactions on Nuclear Science, 2009, 56, 3597-3606.	2.0	13
2	Start-to-end simulations for beam dynamics in the RISP heavy-ion accelerator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 794, 215-223.	1.6	11
3	Beam Dynamics for High-Power Superconducting Heavy-Ion Linear Accelerator of RAON. IEEE Transactions on Nuclear Science, 2016, 63, 992-1000.	2.0	10
4	IH-DTL design with KONUS beam dynamics for KHIMA project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 801, 51-57.	1.6	9
5	Analysis on effects of transverse electric field in an injector cavity of compact-ERL at KEK. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 753, 97-104.	1.6	7
6	Development of a low-energy beam transport system at KBSI heavy-ion accelerator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 769, 9-15.	1.6	7
7	Design study of a radio-frequency quadrupole for high-intensity beams. Chinese Physics C, 2017, 41, 077002.	3.7	6
8	Effects of space charge in a compact superconducting energy recovery linac with a low energy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 684, 18-26.	1.6	4
9	Design study of low-energy beam transport for multi-charge beams at RAON. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 804, 99-107.	1.6	4
10	Parameter Optimizations and Performances for the Low-Charge Beams in PAL Free-Electron Laser. IEEE Transactions on Nuclear Science, 2011, 58, 2000-2010.	2.0	3
11	Design of medium energy beam transport for the rare isotope science project. Journal of the Korean Physical Society, 2013, 63, 1249-1252.	0.7	3
12	Effects of mirror distortion by thermal deformation in an interferometry beam size monitor system at PLS-II. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 833, 156-164.	1.6	3
13	A Low-Emittance Lattice with Harmonic Sextupoles in the Pohang Light Source. Journal of the Korean Physical Society, 2007, 51, 1885.	0.7	3
14	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
15	Design study of the LEBT for the post accelerator of the RAON. Journal of the Korean Physical Society, 2015, 66, 353-357.	0.7	2
16	Design study of low energy beam transport line for ion beams of the post-accelerator at RAON. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 788, 13-23.	1.6	2
17	Design of a multi-bend achromat lattice for 3 GeV synchrotron light source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 811, 49-56.	1.6	2
18	Design of a Balloon-Shaped Superconducting Single Spoke Resonator. Journal of the Korean Physical Society, 2019, 75, 117-125.	0.7	2

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19	Design of Energy Recovery Linac for a Source of High-Flux Gamma-ray by Laser Compton Scattering. Journal of the Korean Physical Society, 2019, 75, 887-894.	0.7	2
20	Measurement of bunch length and temporal distribution using accelerating radio frequency cavity in low-emittance injector. Scientific Reports, 2020, 10, 18905.	3.3	2
21	Beam-size Measurements by Using a Synchrotron Radiation Interferometer. Journal of the Korean Physical Society, 2011, 58, 35-38.	0.7	2
22	Design of a low-emittance lattice for 3.5 GeV synchrotron light source. Review of Scientific Instruments, 2014, 85, 033308.	1.3	1
23	Design of post linac to driver linac transport beam line in rare isotope accelerator. Review of Scientific Instruments, 2015, 86, 073307.	1.3	1
24	Error analysis in post linac to driver linac transport beam line of RAON. Journal of the Korean Physical Society, 2016, 69, 11-15.	0.7	1
25	Generation of femtosecond extreme ultraviolet pulses using low-energy electron beams for a pump-probe experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 906, 159-163.	1.6	1
26	Lattice design for a hybrid multi-bend achromat light source. Nuclear Science and Techniques/Hewuli, 2020, 31, 1.	3.4	1
27	Design of a low-emittance 2.5-GeV pohang light source lattice. IEEE Transactions on Nuclear Science, 2006, 53, 1515-1521.	2.0	0
28	Design and control of emittance growth of a short bunch compressor for the international linear collider. , 2007, , .		0
29	The design study for low-Q IP-BPM. , 2007, , .		0
30	Ion instability in the ILC damping ring. , 2007, , .		0
31	Control of Emittance Growth in a Bunch Compressor for the International Linear Collider. IEEE Transactions on Nuclear Science, 2009, 56, 229-234.	2.0	0
32	A double bend achromat lattice for the Pohang Light Source to reduce emittance and increase number of insertion devices. Review of Scientific Instruments, 2010, 81, 103301.	1.3	0
33	Design study of a non-scaling fixed-field alternating gradient accelerator. Journal of the Korean Physical Society, 2012, 60, 1868-1871.	0.7	0
34	A design study for a compact two stage in-flight separator with a high mass resolution and large acceptance. Review of Scientific Instruments, 2015, 86, 033106.	1.3	0
35	Design study of a low-emittance lattice with a five-bend achromat. Journal of the Korean Physical Society, 2016, 68, 954-959.	0.7	0
36	Beam dynamics and error study of the medium energy beam transport line in the Korea Heavy-Ion Medical Accelerator. Journal of the Korean Physical Society, 2016, 69, 1415-1420.	0.7	0

#	ARTICLE	IF	CITATIONS
37	Design study for a hard X-ray source with a femto-second length by using Compton scattering at the Pohang Accelerator Laboratory. Journal of the Korean Physical Society, 2016, 68, 415-419.	0.7	0
38	Design study of an echo-enabled harmonic generation free electron laser for the 24th harmonics. Journal of the Korean Physical Society, 2017, 70, 53-58.	0.7	0
39	Beam Dynamics Design of a Radio-Frequency Quadrupole and a Drift Tube Linac for a High-Intensity Proton Injector. Journal of the Korean Physical Society, 2019, 75, 209-217.	0.7	0
40	Simultaneous acceleration of two kinds of ion beams in the RISP. Nuclear Science and Techniques/Hewuli, 2019, 30, 1.	3.4	0
41	Beam instabilities due to broadband wakes in a low-emittance hybrid multi-bend achromat light source. Journal of the Korean Physical Society, 2021, 79, 533-541.	0.7	0