

Seunghwan Shin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Comparison of photon beam characteristics of Korea-4GSR with PLS-II. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1021, 165941.	1.6	4
2	Storage rings in Korea as synchrotron radiation source. Journal of the Korean Physical Society, 2022, 80, 859-870.	0.7	2
3	Parametric Optimization of Undulator Field for Short Period NI HTS Planar Undulator. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	3
4	Low emittance lattice design for Korea-4GSR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1034, 166779.	1.6	4
5	Advantageous Features in Materials Probing Techniques Expected with the Light Source at Ochang in Korea. Applied Science and Convergence Technology, 2022, 31, 71-74.	0.9	0
6	Comparison of experimental result and transfer matrix model of combined function bending magnet. Journal of the Korean Physical Society, 2021, 79, 125-129.	0.7	0
7	Transverse bunch-by-bunch feedback system for time-resolved experiments at PLS-II. Journal of Synchrotron Radiation, 2021, 28, 1417-1422.	2.4	2
8	New era of synchrotron radiation: fourth-generation storage ring. AAPPS Bulletin, 2021, 31, 1.	6.1	34
9	Feasibility Study of Upgrades to the PLS-II Storage Ring. Journal of the Korean Physical Society, 2020, 77, 354-356.	0.7	1
10	New Injection Schemes for Pohang Light Source II and Pohang Accelerator Laboratory 4th Generation Storage Ring. Journal of the Korean Physical Society, 2020, 76, 541-546.	0.7	0
11	Upgrade of diagnostics beamline BL7B at Pohang Light Source for a photon BPM and CRL X-ray imaging. Journal of Instrumentation, 2019, 14, T04003-T04003.	1.2	1
12	Injection scheme with deflecting cavity for a fourth-generation storage ring. Physical Review Accelerators and Beams, 2019, 22, .	1.6	4
13	Interleaving lattice for the Argonne Advanced Photon Source linac. Physical Review Accelerators and Beams, 2018, 21, .	1.6	3
14	Bunch-by-bunch position measurement and analysis at PLS-II. Journal of Synchrotron Radiation, 2017, 24, 163-167.	2.4	5
15	Suppression of stored-beam oscillation and observation of flux improvement during top-up injection. Physical Review Accelerators and Beams, 2017, 20, .	1.6	1
16	Fast global orbit feedback system in PLS-II. Journal of Instrumentation, 2016, 11, T12003-T12003.	1.2	3
17	A new PLS-II in-vacuum undulator and characterization of undulator radiation. Journal of the Korean Physical Society, 2016, 69, 903-908.	0.7	3
18	Analysis and control of the photon beam position at PLS-II. Journal of Synchrotron Radiation, 2016, 23, 448-454.	2.4	4

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19	Correlation study of a beam-position monitor and a photon-beam-position monitor in the PLS-II. Journal of the Korean Physical Society, 2015, 66, 167-170.	0.7	3
20	Impact of the Lambertson septum magnet on the photon beam flux in the PLS-II beam line experiment. Journal of the Korean Physical Society, 2014, 64, 197-204.	0.7	2
21	The effect of insertion devices on the beam dynamics in PLS-II. Journal of the Korean Physical Society, 2014, 64, 1259-1266.	0.7	2
22	Ramping study at the PLS-II storage ring. Journal of the Korean Physical Society, 2013, 62, 866-870.	0.7	1
23	Tracking study of transient behaviors at beam injection of the PLS-II ring. Journal of the Korean Physical Society, 2013, 63, 2072-2079.	0.7	2
24	Commissioning of the PLS-II. Journal of Instrumentation, 2013, 8, P01019-P01019.	1.2	31
25	The Performance of Slow Orbit Feedback for the PLS-II. Journal of the Korean Physical Society, 2011, 59, 34-38.	0.7	6