

Seong-Yeol Kim

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

318
citations

1684188
5
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1588992
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all docs

8
docs citations

8
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of coherent synchrotron radiation induced emittance growth during electron-beam injection into plasma wakefields. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	1.6	2
2	Transition between Instability and Seeded Self-Modulation of a Relativistic Particle Bunch in Plasma. <i>Physical Review Letters</i> , 2021, 126, 164802.	7.8	13
3	Simulation and experimental study of proton bunch self-modulation in plasma with linear density gradients. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	1.6	3
4	Witness electron beam injection using an active plasma lens for a proton beam-driven plasma wakefield accelerator. <i>Physical Review Accelerators and Beams</i> , 2021, 24, .	1.6	3
5	Experimental Observation of Plasma Wakefield Growth Driven by the Seeded Self-Modulation of a Proton Bunch. <i>Physical Review Letters</i> , 2019, 122, 054801.	7.8	49
6	Experimental Observation of Proton Bunch Modulation in a Plasma at Varying Plasma Densities. <i>Physical Review Letters</i> , 2019, 122, 054802.	7.8	49
7	AWAKE readiness for the study of the seeded self-modulation of a 400 GeV proton bunch. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 014046.	2.1	37
8	Acceleration of electrons in the plasma wakefield of a proton bunch. <i>Nature</i> , 2018, 561, 363-367.	27.8	162