

Joohwan Kim

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

154
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

246
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental verification of TNSA protons and deuterons in the multi-picosecond moderate intensity regime. <i>Physics of Plasmas</i> , 2022, 29, 063106.	1.9	2
2	Efficient ion acceleration by multistaged intense short laser pulses. <i>Physical Review Research</i> , 2022, 4, .	3.6	0
3	Modeling laser-driven ion acceleration with deep learning. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	19
4	Characterizing the acceleration time of laser-driven ion acceleration with data-informed neural networks. <i>Plasma Physics and Controlled Fusion</i> , 2021, 63, 094005.	2.1	4
5	Focussing Protons from a Kilojoule Laser for Intense Beam Heating using Proximal Target Structures. <i>Scientific Reports</i> , 2020, 10, 9415.	3.3	17
6	Production of relativistic electrons at subrelativistic laser intensities. <i>Physical Review E</i> , 2020, 101, 031201.	2.1	18
7	Dynamic focusing of laser driven positron jets by self-generated fields. <i>New Journal of Physics</i> , 2020, 22, 123020.	2.9	2
8	First demonstration of ARC-accelerated proton beams at the National Ignition Facility. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	34
9	Soft X-ray backlighter source driven by a short-pulse laser for pump-probe characterization of warm dense matter. <i>Review of Scientific Instruments</i> , 2018, 89, 10F122.	1.3	3
10	Computational modeling of proton acceleration with multi-picosecond and high energy, kilojoule, lasers. <i>Physics of Plasmas</i> , 2018, 25, 083109.	1.9	23
11	Thermal conductivity measurements of proton-heated warm dense aluminum. <i>Scientific Reports</i> , 2017, 7, 7015.	3.3	32