

Joohwan Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/572544/publications.pdf>

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