

Dmitrii A Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2105178/publications.pdf>

Version: 2024-02-01

9
papers

107
citations

1937685

4
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Power-law scaling of plasma pressure on laser-ablated tin microdroplets. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	37
2	Fragmentation dynamics of liquid metal droplets under ultra-short laser pulses. <i>Laser Physics Letters</i> , 2017, 14, 036001.	1.4	35
3	Laser irradiation of thin films: Effect of energy transformation. <i>Laser and Particle Beams</i> , 2013, 31, 663-671.	1.0	24
4	THERMOS: Simulation of non-stationary neon plasma. <i>Keldysh Institute Preprints</i> , 2020, , 1-16.	0.2	5
5	THERMOS: Consistent solution of the radiation transport equation with level kinetics in simple geometries. <i>Keldysh Institute Preprints</i> , 2020, , 1-30.	0.2	3
6	The modeling of EUV sources by considering detailed kinetics, including in-line in the gasdynamics calculation. <i>Mathematical Models and Computer Simulations</i> , 2014, 6, 46-55.	0.5	2
7	Calculation of the position of spectral lines in the intermediate coupling approximation taking into account the interaction of configurations. <i>Keldysh Institute Preprints</i> , 2021, , 1-20.	0.2	1
8	Simulation of dense aluminum plasma under intense X-rays. <i>Keldysh Institute Preprints</i> , 2021, , 1-15.	0.2	0
9	Approximate methods of taking into account nonequilibrium radiation field in plasmas. <i>Keldysh Institute Preprints</i> , 2022, , 1-22.	0.2	0