

Dmitry Skovorodin

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

2258059

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1720034

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all docs

13
docs citations

13
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy spectrum of longitudinal ion losses in the GDT facility under development of Alfvén ion-cyclotron instability. Plasma Physics Reports, 2015, 41, 773-782.	0.9	17
2	Modeling of plasma interaction with first wall in fusion reactor – measuring residual mechanical stresses in tungsten after irradiation at GOL-3 facility. Journal of Structural Chemistry, 2016, 57, 1314-1320.	1.0	7
3	Plasma outflow from a corrugated trap in the kinetic regime. Plasma Physics Reports, 2012, 38, 202-206.	0.9	3
4	Influence of Trapped Electrons on the Plasma Potential in the Expander of an Open Trap. Plasma Physics Reports, 2019, 45, 799-804.	0.9	3
5	Influence of backstreaming ions on spot size of 2 MeV electron beam. Laser and Particle Beams, 2019, 37, 159-164.	1.0	3
6	Studies on Electron Beam Transport in a Linear Induction Accelerator for Free Electron Laser Application. , 2021, , .		3
7	Investigation of Transverse Instability of a High-Current Relativistic Electron Beam in a Linear Induction Accelerator. Siberian Journal of Physics, 2022, 17, 5-22.	0.3	3
8	On the upper bound in the Bohm sheath criterion. Plasma Physics Reports, 2016, 42, 186-190.	0.9	2
9	Observation of the Dynamics of a Focal Spot Using a Long-Pulse Linear Induction Accelerator. IEEE Transactions on Plasma Science, 2020, 48, 2125-2131.	1.3	2
10	Numerical Kinetic Model of Axial Confinement in a Mirror Trap. Fusion Science and Technology, 2011, 59, 199-201.	1.1	1
11	Expansion of dense plasma formed on solid target exposed to focused electron beam. AIP Conference Proceedings, 2016, , .	0.4	1
12	Oscillating mirror instability in plasma with sloshing ions. AIP Conference Proceedings, 2016, , .	0.4	0
13	Department of Plasma Physics of the Physics Department at Novosibirsk State University. Siberian Journal of Physics, 2022, 17, 118-141.	0.3	0