

Daniil Korovinskiy

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

211
citations

1162367

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1058022

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34
all docs

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docs citations

34
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Cold ion energization at separatrices during magnetic reconnection. <i>Physics of Plasmas</i> , 2021, 28, .	0.7	8
2	The Inertia-Based Model for Reconstruction of the Electron Diffusion Region. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029045.	0.8	5
3	Grad-Shafranov reconstruction of the magnetic configuration in the reconnection X-point vicinity in compressible plasma. <i>Physics of Plasmas</i> , 2020, 27, .	0.7	4
4	Inner and outer electron diffusion region of antiparallel collisionless reconnection: Density dependence. <i>Physics of Plasmas</i> , 2019, 26, .	0.7	4
5	The transition from double-gradient to ballooning unstable mode in bent magnetotail-like current sheet. <i>Physics of Plasmas</i> , 2019, 26, .	0.7	1
6	On the influence of the local maxima of total pressure on the current sheet stability to the kink-like (flapping) mode. <i>Physics of Plasmas</i> , 2018, 25, .	0.7	5
7	Magnetotail Fast Flow Occurrence Rate and Dawn-Dusk Asymmetry at $X_{GSM} \approx 60 R_E$. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1767-1778.	0.8	28
8	On application of asymmetric Kan-like exact equilibria to the Earth magnetotail modeling. <i>Annales Geophysicae</i> , 2018, 36, 641-653.	0.6	5
9	Current sheet bending as destabilizing factor in magnetotail dynamics. <i>Physics of Plasmas</i> , 2018, 25, .	0.7	5
10	Generalized double-gradient model of flapping oscillations: Oblique waves. <i>Physics of Plasmas</i> , 2016, 23, 092902.	0.7	0
11	Numerical linearized MHD model of flapping oscillations. <i>Physics of Plasmas</i> , 2016, 23, 062905.	0.7	5
12	A new model for the electron pressure nongyrotropy in the outer electron diffusion region. <i>Geophysical Research Letters</i> , 2016, 43, 10,565.	1.5	11
13	A statistical survey of reconnection exhausts in the solar wind based on the Riemannian decay of current sheets. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8194-8209.	0.8	2
14	The double-gradient magnetic instability: Stabilizing effect of the guide field. <i>Physics of Plasmas</i> , 2015, 22, 012904.	0.7	11
15	MHD modeling of the double-gradient (kink) magnetic instability. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1146-1158.	0.8	25
16	Remote estimation of reconnection parameters in the Earth's magnetotail: model and observations. <i>Annales Geophysicae</i> , 2012, 30, 1727-1741.	0.6	5
17	Scaling of the inner electron diffusion region in collisionless magnetic reconnection. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	23
18	A 2.5-D electron Hall-MHD analytical model of steady state Hall magnetic reconnection in a compressible plasma. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	10

#	ARTICLE	IF	CITATIONS
19	Kink-like mode of a double gradient instability in a compressible plasma current sheet. <i>Advances in Space Research</i> , 2011, 48, 1531-1536.	1.2	8
20	The Kelvin–Helmholtz instability at Venus: What is the unstable boundary?. <i>Icarus</i> , 2011, 216, 476-484.	1.1	23
21	Collisionless magnetic reconnection: analytical model and PIC simulation comparison. <i>Annales Geophysicae</i> , 2009, 27, 905-911.	0.6	4
22	Theoretical model of steady-state magnetic reconnection in collisionless incompressible plasma based on the Grad–Shafranov equation solution. <i>Advances in Space Research</i> , 2008, 41, 1556-1561.	1.2	1
23	The 2.5–D analytical model of steady-state Hall magnetic reconnection. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	17