

# Daniil Korovinskiy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6077725/publications.pdf>

Version: 2024-02-01

23  
papers

211  
citations

1162367

8  
h-index

1058022

14  
g-index

34  
all docs

34  
docs citations

34  
times ranked

378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetotail Fast Flow Occurrence Rate and Dawn-Dusk Asymmetry at $\sim 4R_E$ in the GSM. Journal of Geophysical Research: Space Physics, 2018, 123, 1767-1778.	0.8	28
2	MHD modeling of the double-gradient (kink) magnetic instability. Journal of Geophysical Research: Space Physics, 2013, 118, 1146-1158.	0.8	25
3	The Kelvin-Helmholtz instability at Venus: What is the unstable boundary?. Icarus, 2011, 216, 476-484.	1.1	23
4	Scaling of the inner electron diffusion region in collisionless magnetic reconnection. Journal of Geophysical Research, 2012, 117, .	3.3	23
5	The 2.5-D analytical model of steady-state Hall magnetic reconnection. Journal of Geophysical Research, 2008, 113, .	3.3	17
6	The double-gradient magnetic instability: Stabilizing effect of the guide field. Physics of Plasmas, 2015, 22, 012904.	0.7	11
7	A new model for the electron pressure nongyrotopropy in the outer electron diffusion region. Geophysical Research Letters, 2016, 43, 10,565.	1.5	11
8	A 2.5-D electron Hall-MHD analytical model of steady state Hall magnetic reconnection in a compressible plasma. Journal of Geophysical Research, 2011, 116, .	3.3	10
9	Kink-like mode of a double gradient instability in a compressible plasma current sheet. Advances in Space Research, 2011, 48, 1531-1536.	1.2	8
10	Cold ion energization at separatrices during magnetic reconnection. Physics of Plasmas, 2021, 28, .	0.7	8
11	Remote estimation of reconnection parameters in the Earth's magnetotail: model and observations. Annales Geophysicae, 2012, 30, 1727-1741.	0.6	5
12	Numerical linearized MHD model of flapping oscillations. Physics of Plasmas, 2016, 23, 062905.	0.7	5
13	On the influence of the local maxima of total pressure on the current sheet stability to the kink-like (flapping) mode. Physics of Plasmas, 2018, 25, .	0.7	5
14	On application of asymmetric Kan-like exact equilibria to the Earth magnetotail modeling. Annales Geophysicae, 2018, 36, 641-653.	0.6	5
15	Current sheet bending as destabilizing factor in magnetotail dynamics. Physics of Plasmas, 2018, 25, .	0.7	5
16	The Inertia-Based Model for Reconstruction of the Electron Diffusion Region. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029045.	0.8	5
17	Collisionless magnetic reconnection: analytical model and PIC simulation comparison. Annales Geophysicae, 2009, 27, 905-911.	0.6	4
18	Inner and outer electron diffusion region of antiparallel collisionless reconnection: Density dependence. Physics of Plasmas, 2019, 26, .	0.7	4

#	ARTICLE	IF	CITATIONS
19	Gradâ€ŠShafranov reconstruction of the magnetic configuration in the reconnection X-point vicinity in compressible plasma. <i>Physics of Plasmas</i> , 2020, 27, .	0.7	4
20	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
21	Theoretical model of steady-state magnetic reconnection in collisionless incompressible plasma based on the Gradâ€ŠShafranov equation solution. <i>Advances in Space Research</i> , 2008, 41, 1556-1561.	1.2	1
22	The transition from â€œdouble-gradientâ€•to ballooning unstable mode in bent magnetotail-like current sheet. <i>Physics of Plasmas</i> , 2019, 26, .	0.7	1
23	Generalized double-gradient model of flapping oscillations: Oblique waves. <i>Physics of Plasmas</i> , 2016, 23, 092902.	0.7	0