

Evgeny Panov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8908734/publications.pdf>

Version: 2024-02-01

49
papers

1,550
citations

331670

21
h-index

302126

39
g-index

61
all docs

61
docs citations

61
times ranked

1069
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical investigation of electric field fluctuations around the lower-hybrid frequency range at dipolarization fronts in the near-earth magnetotail. <i>Physics of Plasmas</i> , 2022, 29, .	1.9	3
2	Magnetotail Ion Structuring by Kinetic Ballooning-Interchange Instability. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	6
3	MMS Observations of Reconnection Separatrix Region in the Magnetotail at Different Distances From the Active Neutral X-Line. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028694.	2.4	5
4	The Inertia-Based Model for Reconstruction of the Electron Diffusion Region. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029045.	2.4	5
5	Characteristics of Resonant Electrons Interacting With Whistler Waves in the Nearest Dipolarizing Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029440.	2.4	9
6	Manifestations of Magnetotail Flow Channels in Energetic Particle Signatures at Low-Altitude Orbit. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093543.	4.0	3
7	Thin Current Sheet Behind the Dipolarization Front. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029518.	2.4	8
8	Comparison of the Flank Magnetopause at Near-Earth and Lunar Distances: MMS and ARTEMIS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028406.	2.4	6
9	Ballooning-Interchange Instability in the Near-Earth Plasma Sheet and Auroral Beads: Global Magnetospheric Modeling at the Limit of the MHD Approximation. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088227.	4.0	59
10	Investigation of Electron Distribution Functions Associated With Whistler Waves at Dipolarization Fronts in the Earth's Magnetotail: MMS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028268.	2.4	19
11	Understanding Spacecraft Trajectories Through Detached Magnetotail Interchange Heads. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027930.	2.4	11
12	Ionospheric Footprints of Detached Magnetotail Interchange Heads. <i>Geophysical Research Letters</i> , 2019, 46, 7237-7247.	4.0	14
13	Continent-Wide R1/R2 Current System and Ohmic Losses by Broad Dipolarization-Injection Fronts. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4064-4082.	2.4	5
14	Explosive Magnetotail Activity. <i>Space Science Reviews</i> , 2019, 215, 31.	8.1	75
15	Contribution of Bursty Bulk Flows to the Global Dipolarization of the Magnetotail During an Isolated Substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8647-8668.	2.4	58
16	Ion Cyclotron Waves Rippling Ballooning/InterChange Instability Heads. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8261-8274.	2.4	7
17	Dawnward Drifting Interchange Heads in the Earth's Magnetotail. <i>Geophysical Research Letters</i> , 2018, 45, 8834-8843.	4.0	15
18	Magnetotail energy dissipation during an auroral substorm. <i>Nature Physics</i> , 2016, 12, 1158-1163.	16.7	14

#	ARTICLE	IF	CITATIONS
19	Two interacting X lines in magnetotail: Evolution of collision between the counterstreaming jets. <i>Geophysical Research Letters</i> , 2016, 43, 7795-7803.	4.0	4
20	Anharmonic oscillatory flow braking in the Earth's magnetotail. <i>Geophysical Research Letters</i> , 2015, 42, 3700-3706.	4.0	10
21	Period and damping factor of P_{\perp} pulsations during oscillatory flow braking in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4512-4520.	2.4	20
22	On the increasing oscillation period of flows at the tailward retreating flux pileup region during dipolarization. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6603-6611.	2.4	10
23	Ionospheric response to oscillatory flow braking in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1529-1544.	2.4	25
24	Cluster observations of \hat{v}_z , B_z , \hat{v}_x during growth phase magnetotail stretching intervals. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5720-5730.	2.4	39
25	Oscillatory flow braking in the magnetotail: THEMIS statistics. <i>Geophysical Research Letters</i> , 2013, 40, 2505-2510.	4.0	30
26	Transient electron precipitation during oscillatory BBF braking: THEMIS observations and theoretical estimates. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3065-3076.	2.4	50
27	Flow bouncing and electron injection observed by Cluster. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2055-2072.	2.4	38
28	Spatial distribution of rolled up Kelvin-Helmholtz vortices at Earth's dayside and flank magnetopause. <i>Annales Geophysicae</i> , 2012, 30, 1025-1035.	1.6	59
29	Remote estimation of reconnection parameters in the Earth's magnetotail: model and observations. <i>Annales Geophysicae</i> , 2012, 30, 1727-1741.	1.6	5
30	Observations of kinetic ballooning/interchange instability signatures in the magnetotail. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	62
31	Asymmetry in the current sheet and secondary magnetic flux ropes during guide field magnetic reconnection. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	40
32	Kinetic ballooning/interchange instability in a bent plasma sheet. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	41
33	Fast tailward flows in the plasma sheet boundary layer during a substorm on 9 March 2008: THEMIS observations. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	25
34	Two types of tangential magnetopause current sheets: Cluster observations and theory. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	46
35	Bursty bulk flows and dipolarization in MHD simulations of magnetotail reconnection. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	221
36	ROYA" A multiscale magnetospheric mission. <i>Planetary and Space Science</i> , 2011, 59, 606-617.	1.7	7

#	ARTICLE	IF	CITATIONS
37	Interplanetary magnetic field rotations followed from L1 to the ground: the response of the Earth's magnetosphere as seen by multi-spacecraft and ground-based observations. <i>Annales Geophysicae</i> , 2011, 29, 1549-1569.	1.6	7
38	Multiple overshoot and rebound of a bursty bulk flow. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	153
39	Evidence for a flux transfer event generated by multiple χ reconnection at the magnetopause. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	126
40	Plasma sheet thickness during a bursty bulk flow reversal. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	60
41	Boundary layer plasma flows from high-latitude reconnection in the summer hemisphere for northward IMF: THEMIS multi-point observations. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	4
42	High-latitude Earth's magnetopause outside the cusp: Cluster observations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	48
43	Current sheet thickness of the outer boundary of the magnetosphere as observed by four CLUSTER satellites. <i>Cosmic Research</i> , 2007, 45, 268-272.	0.6	2
44	Strong space plasma magnetic barriers and Alfvénic collapse. <i>JETP Letters</i> , 2007, 85, 236-241.	1.4	6
45	CLUSTER observation of collisionless transport at the magnetopause. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	19
46	CLUSTER spacecraft observation of a thin current sheet at the Earth's magnetopause. <i>Advances in Space Research</i> , 2006, 37, 1363-1372.	2.6	21
47	Experimental study of nonlinear interaction of plasma flow with charged thin current sheets: 2. Hall dynamics, mass and momentum transfer. <i>Nonlinear Processes in Geophysics</i> , 2006, 13, 377-392.	1.3	14
48	Magnetosheath interaction with high latitude magnetopause: Dynamic flow chaotization. <i>Planetary and Space Science</i> , 2005, 53, 133-140.	1.7	12
49	Magnetosheath Interaction with the High Latitude Magnetopause. <i>Surveys in Geophysics</i> , 2005, 26, 95-133.	4.6	23