

N Y Buzulukova

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

715
citations

623188

14
h-index

552369

26
g-index

28
all docs

28
docs citations

28
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	The Comprehensive Inner Magnetosphere-Ionosphere Model. Journal of Geophysical Research: Space Physics, 2014, 119, 7522-7540.	0.8	106
2	Spontaneous formation of dipolarization fronts and reconnection onset in the magnetotail. Geophysical Research Letters, 2013, 40, 22-27.	1.5	87
3	CRCM + BATS-R-US two-way coupling. Journal of Geophysical Research: Space Physics, 2013, 118, 1635-1650.	0.8	72
4	Magnetic reconnection, buoyancy, and flapping motions in magnetotail explosions. Journal of Geophysical Research: Space Physics, 2014, 119, 7151-7168.	0.8	64
5	Two Wide-Angle Imaging Neutral-Atom Spectrometers and Interstellar Boundary Explorer energetic neutral atom imaging of the 5 April 2010 substorm. Journal of Geophysical Research, 2012, 117, .	3.3	51
6	Dynamics of ring current and electric fields in the inner magnetosphere during disturbed periods: CRCM-BATS-R-US coupled model. Journal of Geophysical Research, 2010, 115, .	3.3	42
7	Ring current dynamics in moderate and strong storms: Comparative analysis of TWINS and IMAGE/HENA data with the Comprehensive Ring Current Model. Journal of Geophysical Research, 2010, 115, .	3.3	39
8	Two types of ion spectral gaps in the quiet inner magnetosphere: Interball-2 observations and modeling. Annales Geophysicae, 2002, 20, 349-364.	0.6	28
9	Simulation and TWINS observations of the 22 July 2009 storm. Journal of Geophysical Research, 2010, 115, .	3.3	26
10	A Case Study on the Origin of Near-Earth Plasma. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028205.	0.8	23
11	TWINS stereoscopic imaging of multiple peaks in the ring current. Journal of Geophysical Research: Space Physics, 2015, 120, 368-383.	0.8	22
12	Oxygen-hydrogen differentiated observations from TWINS: The 22 July 2009 storm. Journal of Geophysical Research: Space Physics, 2013, 118, 3377-3393.	0.8	21
13	Comparative analysis of low-altitude ENA emissions in two substorms. Journal of Geophysical Research: Space Physics, 2013, 118, 724-731.	0.8	20
14	An Energetic Electron Flux Dropout Due to Magnetopause Shadowing on 1 June 2013. Journal of Geophysical Research: Space Physics, 2018, 123, 1178-1190.	0.8	16
15	Soft X-ray and ENA Imaging of the Earth's Dayside Magnetosphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028816.	0.8	13
16	First results using TWINS-derived ion temperature boundary conditions in CRCM. Journal of Geophysical Research: Space Physics, 2014, 119, 3345-3361.	0.8	12
17	Local Heating of Oxygen Ions in the Presence of Magnetosonic Waves: Possible Source for the Warm Plasma Cloak?. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027210.	0.8	12
18	Mesoscale Structures in Earth's Magnetotail Observed Using Energetic Neutral Atom Imaging. Geophysical Research Letters, 2021, 48, e2020GL091467.	1.5	11

#	ARTICLE	IF	CITATIONS
19	Generation of plasmaspheric undulations. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	9
20	Magnetosphere dynamics during the 14 th November 2012 storm inferred from TWINS, AMPERE, Van Allen Probes, and BATS-R-US ^{CR} CM. <i>Annales Geophysicae</i> , 2018, 36, 107-124.	0.6	8
21	New Developments in the Comprehensive Inner Magnetosphere-Ionosphere Model. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028987.	0.8	8
22	“Snowplow” injection front effects. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6478-6488.	0.8	6
23	Magnetotail Inner Magnetosphere Transport Associated With Fast Flows Based on Combined Global Hybrid and CIMI Simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028405.	0.8	6
24	Explicit IMF B_y Dependence of Energetic Protons and the Ring Current. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6
25	Dynamics of a geomagnetic storm on 7 th –10 September 2015 as observed by TWINS and simulated by CIMI. <i>Annales Geophysicae</i> , 2018, 36, 1439-1456.	0.6	4
26	Observations of Density Cavities and Associated Warm Ion Flux Enhancements in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028326.	0.8	3