

Tielong Zhang

List of Publications by Year in descending order

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326
papers

11,452
citations

31796

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h-index

44509

91
g-index

332
all docs

332
docs citations

332
times ranked

6411
citing authors

#	ARTICLE	IF	CITATIONS
1	Motion of the dipolarization front during a flow burst event observed by Cluster. <i>Geophysical Research Letters</i> , 2002, 29, 3-1-3-4.	4.0	368
2	Spatial scale of high-speed flows in the plasma sheet observed by Cluster. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	301
3	Polycyanate esters: Science and applications. <i>Progress in Polymer Science</i> , 1995, 20, 61-118.	26.2	294
4	Current sheet structure near magnetic X-line observed by Cluster. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	245
5	Magnetic field investigation of the Venus plasma environment: Expected new results from Venus Express. <i>Planetary and Space Science</i> , 2006, 54, 1336-1343.	1.7	242
6	Selective expression of interleukin 10, interferon gamma, and granulocyte-macrophage colony-stimulating factor in ovarian cancer biopsies.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 7708-7712.	7.6	223
7	The Analyser of Space Plasmas and Energetic Atoms (ASPERA-4) for the Venus Express mission. <i>Planetary and Space Science</i> , 2007, 55, 1772-1792.	1.7	223
8	Local structure of the magnetotail current sheet: 2001 Cluster observations. <i>Annales Geophysicae</i> , 2006, 24, 247-262.	1.6	221
9	Venus Express—The first European mission to Venus. <i>Planetary and Space Science</i> , 2007, 55, 1636-1652.	1.7	219
10	Current sheet flapping motion and structure observed by Cluster. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	197
11	The loss of ions from Venus through the plasma wake. <i>Nature</i> , 2007, 450, 650-653.	36.2	173
12	Electric current and magnetic field geometry in flapping magnetotail current sheets. <i>Annales Geophysicae</i> , 2005, 23, 1391-1403.	1.6	171
13	Reproductive failure of a human-tolerant species, the American kestrel, is associated with stress and human disturbance. <i>Journal of Applied Ecology</i> , 2013, 50, 912-919.	4.0	168
14	Scientific objectives and payloads of Tianwen-1, China's first Mars exploration mission. <i>Advances in Space Research</i> , 2021, 67, 812-823.	2.7	149
15	Venus Express science planning. <i>Planetary and Space Science</i> , 2006, 54, 1279-1297.	1.7	147
16	Cluster observation of a bifurcated current sheet. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	145
17	Acute Cardiovascular Care Association position statement for the diagnosis and treatment of patients with acute myocardial infarction complicated by cardiogenic shock: A document of the Acute Cardiovascular Care Association of the European Society of Cardiology. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 183-197.	1.0	140
18	Determining the mass loss limit for close-in exoplanets: what can we learn from transit observations?. <i>Astronomy and Astrophysics</i> , 2009, 506, 399-410.	5.3	137

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19	The magnetic barrier at Venus. <i>Journal of Geophysical Research</i> , 1991, 96, 11145-11153.	3.3	135
20	The Double Star magnetic field investigation: instrument design, performance and highlights of the first year's observations. <i>Annales Geophysicae</i> , 2005, 23, 2713-2732.	1.6	130
21	Orientation and propagation of current sheet oscillations. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	128
22	Fast flow during current sheet thinning. <i>Geophysical Research Letters</i> , 2002, 29, 55-1-55-4.	4.0	115
23	MULTI-POINT SHOCK AND FLUX ROPE ANALYSIS OF MULTIPLE INTERPLANETARY CORONAL MASS EJECTIONS AROUND 2010 AUGUST 1 IN THE INNER HELIOSPHERE. <i>Astrophysical Journal</i> , 2012, 758, 10.	4.7	111
24	Loss of hydrogen and oxygen from the upper atmosphere of Venus. <i>Planetary and Space Science</i> , 2006, 54, 1445-1456.	1.7	109
25	A wavy twisted neutral sheet observed by CLUSTER. <i>Geophysical Research Letters</i> , 2002, 29, 5-1-5-4.	4.0	108
26	Mars Express and Venus Express multi-point observations of geoeffective solar flare events in December 2006. <i>Planetary and Space Science</i> , 2008, 56, 873-880.	1.7	108
27	Lightning on Venus inferred from whistler-mode waves in the ionosphere. <i>Nature</i> , 2007, 450, 661-662.	36.2	100
28	Kinetic analysis of the energy transport of bursty bulk flows in the plasma sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 313-320.	2.4	94
29	Measurements of the ion escape rates from Venus for solar minimum. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	89
30	Characteristic size and shape of the mirror mode structures in the solar wind at 0.72 AU. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	88
31	Atmosphere and Water Loss from Early Mars Under Extreme Solar Wind and Extreme Ultraviolet Conditions. <i>Astrobiology</i> , 2009, 9, 55-70.	3.1	88
32	Magnetic turbulence in the plasma sheet. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	87
33	Little or no solar wind enters Venus's atmosphere at solar minimum. <i>Nature</i> , 2007, 450, 654-656.	36.2	80
34	Reconstruction of the magnetotail current sheet structure using multi-point Cluster measurements. <i>Planetary and Space Science</i> , 2005, 53, 237-243.	1.7	76
35	A statistical study of electron acceleration behind the dipolarization fronts in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4804-4810.	2.4	76
36	The solar cycle dependence of the location and shape of the Venus bow shock. <i>Journal of Geophysical Research</i> , 1990, 95, 14961-14967.	3.3	72

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37	Initial Venus Express magnetic field observations of the Venus bow shock location at solar minimum. <i>Planetary and Space Science</i> , 2008, 56, 785-789.	1.7	72
38	Modeling observations of solar coronal mass ejections with heliospheric imagers verified with the Heliophysics System Observatory. <i>Space Weather</i> , 2017, 15, 955-970.	3.6	70
39	Location of the bow shock and ion composition boundaries at Venus's initial determinations from Venus Express ASPERA-4. <i>Planetary and Space Science</i> , 2008, 56, 780-784.	1.7	69
40	An advanced approach to finding magnetometer zero levels in the interplanetary magnetic field. <i>Measurement Science and Technology</i> , 2008, 19, 055104.	2.7	66
41	Atmospheric erosion of Venus during stormy space weather. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	66
42	A solar storm observed from the Sun to Venus using the STEREO, Venus Express, and MESSENGER spacecraft. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	65
43	Fluvial bevelling of topography controlled by lateral channel mobility and uplift rate. <i>Nature Geoscience</i> , 2016, 9, 706-710.	11.9	64
44	Multi-scale magnetic field intermittence in the plasma sheet. <i>Annales Geophysicae</i> , 2003, 21, 1955-1964.	1.6	63
45	Initial Venus Express magnetic field observations of the magnetic barrier at solar minimum. <i>Planetary and Space Science</i> , 2008, 56, 790-795.	1.7	63
46	Hemispheric asymmetry of the magnetic field wrapping pattern in the Venusian magnetotail. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	63
47	Venus Express observes a new type of shock with pure kinematic relaxation. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	62
48	Characteristics of middle- to low-latitude Pi2 excited by bursty bulk flows. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	61
49	Understanding the Twist Distribution Inside Magnetic Flux Ropes by Anatomizing an Interplanetary Magnetic Cloud. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3238-3261.	2.4	60
50	Double Star/Cluster observation of neutral sheet oscillations on 5 August 2004. <i>Annales Geophysicae</i> , 2005, 23, 2909-2914.	1.6	59
51	Statistical survey on the magnetic structure in magnetotail current sheets. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	56
52	Cluster and Double Star multipoint observations of a plasma bubble. <i>Annales Geophysicae</i> , 2009, 27, 725-743.	1.6	54
53	First identification of mirror mode waves in Venus' magnetosheath?. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	53
54	ARRIVAL TIME CALCULATION FOR INTERPLANETARY CORONAL MASS EJECTIONS WITH CIRCULAR FRONTS AND APPLICATION TO STEREO OBSERVATIONS OF THE 2009 FEBRUARY 13 ERUPTION. <i>Astrophysical Journal</i> , 2011, 741, 34.	4.7	52

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55	Venus Express: Scientific goals, instrumentation, and scenario of the mission. <i>Cosmic Research</i> , 2006, 44, 334-348.	0.7	51
56	MORPHOLOGICAL EVOLUTION OF A THREE-DIMENSIONAL CORONAL MASS EJECTION CLOUD RECONSTRUCTED FROM THREE VIEWPOINTS. <i>Astrophysical Journal</i> , 2012, 751, 18.	4.7	51
57	Do BBFs contribute to inner magnetosphere dipolarizations: Concurrent Cluster and Double Star observations. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	50
58	Ionospheric photoelectrons at Venus: Initial observations by ASPERA-4 ELS. <i>Planetary and Space Science</i> , 2008, 56, 802-806.	1.7	50
59	Whistler mode waves from lightning on Venus: Magnetic control of ionospheric access. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	50
60	Bursty escape fluxes in plasma sheets of Mars and Venus. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	50
61	Observation of double layer in the separatrix region during magnetic reconnection. <i>Geophysical Research Letters</i> , 2014, 41, 4851-4858.	4.0	50
62	Mirror mode waves: Messengers from the coronal heating region. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	49
63	Comparative analysis of Venus and Mars magnetotails. <i>Planetary and Space Science</i> , 2008, 56, 812-817.	1.7	48
64	Mirror mode structures in the solar wind at 0.72 AU. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	47
65	Venus Express observations of atmospheric oxygen escape during the passage of several coronal mass ejections. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
66	Mirror mode-like structures in Venus' induced magnetosphere. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
67	Induced magnetosphere and its outer boundary at Venus. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
68	COMBINED MULTIPOINT REMOTE AND IN SITU OBSERVATIONS OF THE ASYMMETRIC EVOLUTION OF A FAST SOLAR CORONAL MASS EJECTION. <i>Astrophysical Journal Letters</i> , 2014, 790, L6.	8.6	45
69	Disappearing induced magnetosphere at Venus: Implications for close-in exoplanets. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	43
70	The plasma sheet and boundary layers under northward IMF: A multi-point and multi-instrument perspective. <i>Advances in Space Research</i> , 2008, 41, 1619-1629.	2.7	42
71	First upstream proton cyclotron wave observations at Venus. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	42
72	Kink mode oscillation of the current sheet. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	41

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73	Feedback loops, fair value accounting and correlated investments. <i>Review of Accounting Studies</i> , 2006, 11, 377-416.	5.8	40
74	MESSENGER and Venus Express observations of the solar wind interaction with Venus. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	40
75	Dependence of O ⁺ escape rate from the Venusian upper atmosphere on IMF directions. <i>Geophysical Research Letters</i> , 2013, 40, 1682-1685.	4.0	40
76	New developments in the pathology of skull base tumors. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2001, 438, 321-335.	2.9	39
77	A statistical study of compressional waves in the tail current sheet. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	39
78	Giant vortices lead to ion escape from Venus and re-distribution of plasma in the ionosphere. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	39
79	The flapping motion of the Venusian magnetotail: Venus Express observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5593-5602.	2.4	39
80	Unusually distant bow shock encounters at Venus. <i>Geophysical Research Letters</i> , 1992, 19, 833-836.	4.0	38
81	Plasma environment of Venus: Comparison of Venus Express ASPERA measurements with 3D hybrid simulations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	38
82	Cluster-C1 observations on the geometrical structure of linear magnetic holes in the solar wind at 1 AU. <i>Annales Geophysicae</i> , 2010, 28, 1695-1702.	1.6	38
83	Slow magnetosonic waves detected in reconnection diffusion region in the Earth's magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1659-1666.	2.4	38
84	Morphology of magnetic field in near-Venus magnetotail: Venus express observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8838-8847.	2.4	38
85	Asymmetries in the location of the Venus and Mars bow shock. <i>Geophysical Research Letters</i> , 1991, 18, 127-129.	4.0	37
86	Solar Wind Induced Waves in the Skies of Mars: Ionospheric Compression, Energization, and Escape Resulting From the Impact of Ultralow Frequency Magnetosonic Waves Generated Upstream of the Martian Bow Shock. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7241-7256.	2.4	37
87	Flow burst-induced Kelvin-Helmholtz waves in the terrestrial magnetotail. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	36
88	Intermittent turbulence, noisy fluctuations, and wavy structures in the Venusian magnetosheath and wake. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	36
89	Hot flow anomalies at Venus. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	36
90	Plasma in the near Venus tail: Venus Express observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 7624-7634.	2.4	36

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91	Venus lightning: Comparison with terrestrial lightning. <i>Planetary and Space Science</i> , 2011, 59, 965-973.	1.7	35
92	Exploring planetary magnetic environments using magnetically unclean spacecraft: a systems approach to VEX MAG data analysis. <i>Annales Geophysicae</i> , 2011, 29, 639-647.	1.6	35
93	Mirror mode structures near Venus and Comet P/Halley. <i>Annales Geophysicae</i> , 2014, 32, 651-657.	1.6	35
94	Wavelet analysis of magnetic turbulence in the Earth's plasma sheet. <i>Physics of Plasmas</i> , 2004, 11, 1333-1338.	1.9	34
95	South-north asymmetry of field-aligned currents in the magnetotail observed by Cluster. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	34
96	Behavior of current sheets at directional magnetic discontinuities in the solar wind at 0.72 AU. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	33
97	Proton cyclotron waves in the solar wind at Venus. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	33
98	Profile of strong magnetic field B_y component in magnetotail current sheets. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	33
99	Double Star TC-1 observations of component reconnection at the dayside magnetopause: a preliminary study. <i>Annales Geophysicae</i> , 2005, 23, 2889-2895.	1.6	32
100	Oxygen ion escape from Venus in a global hybrid simulation: role of the ionospheric O^+ ions. <i>Annales Geophysicae</i> , 2009, 27, 4333-4348.	1.6	32
101	Comparative study of ion cyclotron waves at Mars, Venus and Earth. <i>Planetary and Space Science</i> , 2011, 59, 1039-1047.	1.7	32
102	Electric structure of dipolarization fronts associated with interchange instability in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6019-6025.	2.4	32
103	Venus ion outflow estimates at solar minimum: Influence of reference frames and disturbed solar wind conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3592-3601.	2.4	32
104	Mirror mode structures ahead of dipolarization front near the neutral sheet observed by Cluster. <i>Geophysical Research Letters</i> , 2016, 43, 8853-8858.	4.0	31
105	Mars Orbiter magnetometer of China's First Mars Mission Tianwen-1. <i>Earth and Planetary Physics</i> , 2020, 4, 384-389.	1.2	31
106	The effect of foreshock on the motion of the dayside magnetopause. <i>Geophysical Research Letters</i> , 1997, 24, 1439-1441.	4.0	30
107	Magnetic field investigation of Mercury's magnetosphere and the inner heliosphere by MMO/MGF. <i>Planetary and Space Science</i> , 2010, 58, 279-286.	1.7	30
108	In situ observations of multistage electron acceleration driven by magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6320-6331.	2.4	29

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109	Properties of planetward ion flows in Venus's magnetotail. <i>Icarus</i> , 2016, 274, 73-82.	2.5	29
110	Complexation of aspirin with potato starch and improvement of dissolution rate by dry mixing. <i>Chemical and Pharmaceutical Bulletin</i> , 1988, 36, 2562-2569.	1.3	28
111	Observation of multiple sub-cavities adjacent to single separatrix. <i>Geophysical Research Letters</i> , 2013, 40, 2511-2517.	4.0	28
112	Transmission of large-amplitude ULF waves through a quasi-parallel shock at Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 237-245.	2.4	28
113	Technique for diagnosing the flapping motion of magnetotail current sheets based on single-point magnetic field analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3462-3474.	2.4	28
114	Compressional waves in the Earth's neutral sheet. <i>Annales Geophysicae</i> , 2004, 22, 303-315.	1.6	27
115	Plasma flow channels with ULF waves observed by Cluster and Double Star. <i>Annales Geophysicae</i> , 2005, 23, 2929-2935.	1.6	27
116	Venus express: Highlights of the nominal mission. <i>Solar System Research</i> , 2009, 43, 185-209.	0.7	27
117	Interplanetary coronal mass ejection influence on high energy pick-up ions at Venus. <i>Planetary and Space Science</i> , 2010, 58, 1784-1791.	1.7	27
118	Extensional Polarity Change in Continental Rifts: Inferences From 3D Numerical Modeling and Observations. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8073-8094.	3.4	27
119	Study of the solar wind deceleration upstream of the Martian terminator bow shock. <i>Journal of Geophysical Research</i> , 1997, 102, 2165-2173.	3.3	26
120	Proton cyclotron wave generation mechanisms upstream of Venus. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	26
121	Time delay of interplanetary magnetic field penetration into Earth's magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3406-3414.	2.4	26
122	The shape of the Venusian bow shock at solar minimum and maximum: Revisit based on VEX observations. <i>Planetary and Space Science</i> , 2015, 109-110, 32-37.	1.7	26
123	Solar Wind Directional Change Triggering Flapping Motions of the Current Sheet: MMS Observations. <i>Geophysical Research Letters</i> , 2019, 46, 64-70.	4.0	26
124	A study of the solar wind deceleration in the Earth's foreshock region. <i>Advances in Space Research</i> , 1995, 15, 137-140.	2.7	25
125	Venus Express observations of an atypically distant bow shock during the passage of an interplanetary coronal mass ejection. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	25
126	Correlation of core field polarity of magnetotail flux ropes with the IMF B_y : Reconnection guide field dependency. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2933-2944.	2.4	25

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127	The Venusian induced magnetosphere: A case study of plasma and magnetic field measurements on the Venus Express mission. <i>Planetary and Space Science</i> , 2008, 56, 796-801.	1.7	24
128	Suprathermal electron spectra in the Venus ionosphere. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	24
129	Lightning detection on the Venus Express mission. <i>Planetary and Space Science</i> , 2006, 54, 1344-1351.	1.7	23
130	Magnetic fluctuations and turbulence in the Venus magnetosheath and wake. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	23
131	Comparison of accelerated ion populations observed upstream of the bow shocks at Venus and Mars. <i>Annales Geophysicae</i> , 2011, 29, 511-528.	1.6	23
132	IMF control of the location of Venusian bow shock: The effect of the magnitude of IMF component tangential to the bow shock surface. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9464-9475.	2.4	23
133	A survey of hot flow anomalies at Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 978-991.	2.4	23
134	A statistical analysis of Pi α band waves in the plasma sheet and their relation to magnetospheric drivers. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6167-6175.	2.4	23
135	Proton and alpha particle precipitation onto the upper atmosphere of Venus. <i>Planetary and Space Science</i> , 2015, 113-114, 369-377.	1.7	23
136	A statistical study on the shape and position of the magnetotail neutral sheet. <i>Annales Geophysicae</i> , 2016, 34, 303-311.	1.6	23
137	Low-frequency magnetic field fluctuations in Venus' solar wind interaction region: Venus Express observations. <i>Annales Geophysicae</i> , 2010, 28, 951-967.	1.6	23
138	O ⁺ outflow channels around Venus controlled by directions of the interplanetary magnetic field: Observations of high energy O ⁺ ions around the terminator. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	22
139	Magnetic states of the ionosphere of Venus observed by Venus Express. <i>Planetary and Space Science</i> , 2011, 59, 327-337.	1.7	22
140	Flapping current sheet with superposed waves seen in space and on the ground. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 10,078.	2.4	22
141	A Statistical Study on the Properties of Dips Ahead of Dipolarization Fronts Observed by MMS. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 139-150.	2.4	22
142	The Induced Global Looping Magnetic Field on Mars. <i>Astrophysical Journal Letters</i> , 2019, 871, L27.	8.6	22
143	Effects of the solar wind and the solar EUV flux on O ⁺ escape rates from Venus. <i>Icarus</i> , 2019, 321, 379-387.	2.5	22
144	Statistical Properties of Sub α Ion Magnetic Holes in the Solar Wind at 1AU. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028320.	2.4	22

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145	The Chinese Mars ROVER Fluxgate Magnetometers. <i>Space Science Reviews</i> , 2020, 216, 1.	8.4	22
146	Hydrogen in the extended Venus exosphere. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	21
147	Comparison study of magnetic flux ropes in the ionospheres of Venus, Mars and Titan. <i>Icarus</i> , 2010, 206, 174-181.	2.5	20
148	Magnetic fields in the Venus ionosphere: Dependence on the IMF directionâ€”Venus express observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7587-7600.	2.4	20
149	Multi-scale analysis of turbulence in the Earth's current sheet. <i>Annales Geophysicae</i> , 2004, 22, 2525-2533.	1.6	19
150	Cluster and Double Star observations of dipolarization. <i>Annales Geophysicae</i> , 2005, 23, 2915-2920.	1.6	19
151	First observation of energetic neutral atoms in the Venus environment. <i>Planetary and Space Science</i> , 2008, 56, 807-811.	1.7	19
152	Short largeâ€”amplitude magnetic structures (SLAMS) at Venus. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	19
153	Two different types of plasmoids in the plasma sheet: Cluster multisatellite analysis application. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5437-5444.	2.4	19
154	Asymmetries of the magnetic field line draping shape around Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6915-6920.	2.4	19
155	Highâ€”latitude Pi2 pulsations associated with kinkâ€”like neutral sheet oscillations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2889-2899.	2.4	19
156	Ultra low frequency waves at Venus: Observations by the Venus Express spacecraft. <i>Planetary and Space Science</i> , 2017, 146, 55-65.	1.7	19
157	The BepiColomboâ€”Mio Magnetometer en Route to Mercury. <i>Space Science Reviews</i> , 2020, 216, 1.	8.4	19
158	First Observations of an Ion Vortex in a Magnetic Hole in the Solar Wind by MMS. <i>Astronomical Journal</i> , 2021, 161, 110.	4.9	19
159	Three-dimensional Geometry of the Electron-scale Magnetic Hole in the Solar Wind. <i>Astrophysical Journal Letters</i> , 2020, 904, L11.	8.6	19
160	Substorm activity in Venus's magnetotail. <i>Annales Geophysicae</i> , 2009, 27, 2321-2330.	1.6	18
161	STEREO observations of shock formation in the solar wind. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	18
162	Statistical study of lowâ€”frequency magnetic field fluctuations near Venus under the different interplanetary magnetic field orientations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	18

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