Tielong Zhang

List of Publications by Year
in descending order

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326	11,452	31796 53	44509 91
papers	citations	h-index	g-index

332	332	332	6411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Calibration of the Zero Offset of the Fluxgate Magnetometer on Board the Tianwenâ€1 Orbiter in the Martian Magnetosheath. Journal of Geophysical Research: Space Physics, 2024, 129, .	2.4	0
2	The Dynamic Venusian Bow Shock Model With the Nonlinear Effect of Magnetosonic Mach Number Based on Venus Express Observations. Journal of Geophysical Research: Space Physics, 2024, 129, .	2.4	0
3	Twoâ€Spacecraft Observations of Asymmetric Martian Bow Shock: Conjunctions of Tianwenâ€1 and MAVEN. Journal of Geophysical Research: Space Physics, 2024, 129, .	2.4	0
4	Proton Plasma Asymmetries Between Venus' Quasiâ€Perpendicular and Quasiâ€Parallel Magnetosheaths. Journal of Geophysical Research: Space Physics, 2023, 128, .	2.4	0
5	Shocklets and Short Large Amplitude Magnetic Structures (SLAMS) in the High Mach Foreshock of Venus. Geophysical Research Letters, 2023, 50, .	4.0	1
6	A Survey of Strong Electric Potential Drops in the Ionosphere of Venus. Geophysical Research Letters, 2023, 50, .	4.0	1
7	Martian Bow Shock Oscillations Driven by Solar Wind Variations: Simultaneous Observations From Tianwenâ€1 and MAVEN. Geophysical Research Letters, 2023, 50, .	4.0	1
8	Towards human-compatible XAI: Explaining data differentials with concept induction over background knowledge. Web Semantics, 2023, 79, 100807.	3.0	0
9	Structure of a Quasi-parallel Shock Front. Astrophysical Journal, 2023, 959, 130.	4.7	1
10	Proton Temperature Anisotropies in the Venus Plasma Environment During Solar Minimum and Maximum. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	6
11	A Case Study of the Induced Magnetosphere Boundary at the Martian Subsolar Region. Astrophysical Journal, 2022, 927, 171.	4.7	4
12	Oxygen Ion Escape at Venus Associated With Threeâ€Dimensional Kelvinâ€Helmholtz Instability. Geophysical Research Letters, 2022, 49, .	4.0	8
13	Magnetic Fluctuations Associated With Small-Scale Magnetic Holes in the Martian Magnetosheath. Frontiers in Astronomy and Space Sciences, 2022, 9, .	2.8	5
14	Statistical study of lightning-generated whistler-mode waves observed by Venus Express. Icarus, 2022, 380, 114993.	2.5	4
15	Evidence of AlfvÃ©n Waves Generated by Mode Coupling in the Magnetotail Lobe. Geophysical Research Letters, 2022, 49, .	4.0	8
16	Deployable boom for Mars Orbiter Magnetometer onboard â€œTianwen-1â€• JUSTC, 2022, 52, 1.	0.3	0
17	Recent Advances in Phase Locked Loops for Grid Connected Systems: A Review. , 2022, , .		7
18	Electronâ€Scale Current Sheet as the Boundary of a Linear Magnetic Hole in the Terrestrial Current Sheet Observed by the Magnetospheric Multiscale Mission. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	9

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19	Heavy Ion Escape From Martian Wake Enhanced by Magnetic Reconnection. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	4
20	Deployable boom for Mars Orbiter Magnetometer onboard Tianwen-1. JUSTC, 2022, 52, 7.	0.3	0
21	Parametric Sensitivity of Electron Scattering Effects by Electrostatic Electron Cyclotron Harmonic Waves. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	6
22	Study of the Electronâ€Scale Magnetic Peaks in the Magnetotail Current Sheet Observed by the Magnetospheric Multiscale Mission. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	0
23	Scientific objectives and payloads of Tianwen-1, Chinaâ€™s first Mars exploration mission. Advances in Space Research, 2021, 67, 812-823.	2.7	149
24	Effective combination of 3 imaging modalities in differentiating between malignant and benign palatal lesions. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2021, 131, 256-264.	0.4	2
25	The spectral scalings of magnetic fluctuations upstream and downstream of the Venusian bow shock. Earth, Planets and Space, 2021, 73, .	2.6	5
26	Speciesâ€dependent Response of the Martian Ionosphere to the 2018 Global Dust Event. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006679.	3.6	18
27	First Observations of an Ion Vortex in a Magnetic Hole in the Solar Wind by MMS. Astronomical Journal, 2021, 161, 110.	4.9	19
28	Statistical Characteristics of Fieldâ€Aligned Currents in the Plasma Sheet Boundary Layer. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028319.	2.4	6
29	Fieldâ€Aligned Currents Originating From the Chaotic Motion of Electrons in the Tilted Current Sheet: MMS Observations. Geophysical Research Letters, 2021, 48, e2020GL088841.	4.0	9
30	Electron-scale Magnetic Peaks Upstream of the Terrestrial Bow Shock Observed by the Magnetospheric Multiscale Mission. Astrophysical Journal, 2021, 914, 101.	4.7	7
31	Foreshock as a Source Region of Electron-scale Magnetic Holes in the Solar Wind at 1 au. Astrophysical Journal, 2021, 915, 3.	4.7	13
32	Reflection of low-frequency fast magnetosonic waves at the local two-ion cutoff frequency: observation in the plasmasphere. Annales Geophysicae, 2021, 39, 613-625.	1.6	1
33	Trapping and Amplification of Unguided Mode EMIC Waves in the Radiation Belt. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029322.	2.4	1
34	Statistical Properties of Small-scale Linear Magnetic Holes in the Martian Magnetosheath. Astrophysical Journal, 2021, 916, 104.	4.7	18
35	The Venus Express observation of Venusâ€™ induced magnetosphere boundary at solar maximum. Astronomy and Astrophysics, 2021, 652, A113.	5.3	7
36	A Novel Mutation in GP1BB Reveals the Role of the Cytoplasmic Domain of GPIbÎ² in the Pathophysiology of Bernard-Soulier Syndrome and GPIb-IX Complex Assembly. International Journal of Molecular Sciences, 2021, 22, 10190.	4.2	4

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37	Statistical Properties of Electron-scale Magnetic Peaks in the Solar Wind at 1 au. Astrophysical Journal, 2021, 921, 152.	4.7	4
38	Statistical Study of Small-scale Magnetic Holes in the Upstream Regime of the Martian Bow Shock. Astrophysical Journal, 2021, 921, 153.	4.7	7
39	Parametric Dependence of Polarization Reversal Effects on the Particle Pitch Angle Scattering by EMIC Waves. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029966.	2.4	6
40	Effects of the Solar Wind Dynamic Pressure on the Martian Topside Ion Distribution: Implications on the Variability of Bulk Ion Outflow. Astrophysical Journal, 2021, 922, 231.	4.7	6
41	Spatially Highly Resolved Solar-wind-induced Magnetic Field on Venus. Astrophysical Journal, 2021, 923, 73.	4.7	2
42	The correlation length of ULF waves around Venus: VEX observations. Planetary and Space Science, 2020, 180, 104761.	1.7	2
43	Statistical Properties of Subâ€ion Magnetic Holes in the Solar Wind at 1ÂAU. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028320.	2.4	22
44	Study of the Electron Velocity Inside Subâ€ionâ€Scale Magnetic Holes in the Solar Wind by MMS Observations. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028386.	2.4	18
45	Foreshock Cavities at Venus and Mars. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028023.	2.4	9
46	Survey of 1-Hz waves in the near-Venusian space: Venus Express observations. Planetary and Space Science, 2020, 187, 104933.	1.7	4
47	The BepiColomboâ€“Mio Magnetometer en Route to Mercury. Space Science Reviews, 2020, 216, 1.	8.4	19
48	Mars Orbiter magnetometer of Chinaâ€™s First Mars Mission Tianwen-1. Earth and Planetary Physics, 2020, 4, 384-389.	1.2	31
49	The Chinese Mars ROVER Fluxgate Magnetometers. Space Science Reviews, 2020, 216, 1.	8.4	22
50	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. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 183-197.	1.0	140
51	Roles of electrons and ions in formation of the current in mirror-mode structures in the terrestrial plasma sheet: Magnetospheric Multiscale observations. Annales Geophysicae, 2020, 38, 309-318.	1.6	18
52	Turbulence Near the Venusian Bow Shock: Venus Express Observations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027190.	2.4	9
53	The Demagnetization of the Venusian Ionosphere under Nearly Flow-aligned Interplanetary Magnetic Fields. Astrophysical Journal, 2020, 900, 63.	4.7	9
54	Three-dimensional Geometry of the Electron-scale Magnetic Hole in the Solar Wind. Astrophysical Journal Letters, 2020, 904, L11.	8.6	19

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55	Coupling between the Magnetospheric Dipolarization Front and the Earthâ€™s Ionosphere by Ultralow-frequency Waves. Astrophysical Journal Letters, 2020, 895, L13.	8.6	3
56	Propagation of EMIC Waves Inside the Plasmasphere: A Twoâ€Event Study. Journal of Geophysical Research: Space Physics, 2019, 124, 8396-8415.	2.4	6
57	Multiple-point Modeling the Parker Spiral Configuration of the Solar Wind Magnetic Field at the Solar Maximum of Solar Cycle 24. Astrophysical Journal, 2019, 884, 102.	4.7	9
58	Proton Temperature Anisotropies in the Plasma Environment of Venus. Journal of Geophysical Research: Space Physics, 2019, 124, 3312-3330.	2.4	14
59	Heavy Ion Flows in the Upper Ionosphere of the Venusian North Pole. Journal of Geophysical Research: Space Physics, 2019, 124, 4597-4607.	2.4	5
60	Carriers of the Fieldâ€Aligned Currents in the Plasma Sheet Boundary Layer: An MMS Multicase Study. Journal of Geophysical Research: Space Physics, 2019, 124, 2873-2886.	2.4	10
61	Observations of the Venus Dramatic Response to an Extremely Strong Interplanetary Coronal Mass Ejection. Astrophysical Journal, 2019, 876, 84.	4.7	12
62	A Statistical Study on the Properties of Dips Ahead of Dipolarization Fronts Observed by MMS. Journal of Geophysical Research: Space Physics, 2019, 124, 139-150.	2.4	22
63	The Induced Global Looping Magnetic Field on Mars. Astrophysical Journal Letters, 2019, 871, L27.	8.6	22
64	Small Spatialâ€Scale Fieldâ€Aligned Currents in the Plasma Sheet Boundary Layer Surveyed by Magnetosphere Multiscale Spacecraft. Journal of Geophysical Research: Space Physics, 2019, 124, 9976-9985.	2.4	10
65	Dipolarization Fronts: Tangential Discontinuities? On the Spatial Range of Validity of the MHD Jump Conditions. Journal of Geophysical Research: Space Physics, 2019, 124, 9963-9975.	2.4	10
66	Effects of the solar wind and the solar EUV flux on O+ escape rates from Venus. Icarus, 2019, 321, 379-387.	2.5	22
67	Solar Wind Directional Change Triggering Flapping Motions of the Current Sheet: MMS Observations. Geophysical Research Letters, 2019, 46, 64-70.	4.0	26
68	A low-energy ion spectrometer with half-space entrance for three-axis stabilized spacecraft. Science China Technological Sciences, 2019, 62, 1015-1027.	4.0	5
69	Measurement of plasma channels in the Venus wake. Icarus, 2019, 321, 1026-1037.	2.5	8
70	Understanding the Twist Distribution Inside Magnetic Flux Ropes by Anatomizing an Interplanetary Magnetic Cloud. Journal of Geophysical Research: Space Physics, 2018, 123, 3238-3261.	2.4	60
71	The Quasiâ€monochromatic ULF Wave Boundary in the Venusian Foreshock: Venus Express Observations. Journal of Geophysical Research: Space Physics, 2018, 123, 374-384.	2.4	5
72	Did mangrove communities exist in the Late Cretaceous of the Kristianstad Basin, Sweden?. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 498, 99-114.	2.3	6

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73	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. Journal of Geophysical Research: Space Physics, 2018, 123, 7241-7256.	2.4	37
74	The Response of the Venusian Plasma Environment to the Passage of an ICME: Hybrid Simulation Results and Venus Express Observations. Journal of Geophysical Research: Space Physics, 2018, 123, 3580-3601.	2.4	10
75	Magnetic Field near Venus: Comparison between Solar Cycle 24 and Previous Cycles. Astrophysical Journal, 2018, 867, 129.	4.7	11
76	Magnetic Fluctuations and Turbulence in the Venusian Magnetosheath Downstream of Different Types of Bow Shock. Journal of Geophysical Research: Space Physics, 2018, 123, 8219-8226.	2.4	12
77	Solar cycle variation of the venus magnetic barrier. Planetary and Space Science, 2018, 158, 53-62.	1.7	13
78	A Statistical Study of Ionospheric Boundary Wave Formation at Venus. Journal of Geophysical Research: Space Physics, 2018, 123, 7668-7685.	2.4	5
79	Uâ€Shaped Spectrograms Registered by the DEMETER Satellite: Observational Features and Formation Mechanism. Journal of Geophysical Research: Space Physics, 2018, 123, 7077-7088.	2.4	3
80	Extensional Polarity Change in Continental Rifts: Inferences From 3â€Ð Numerical Modeling and Observations. Journal of Geophysical Research: Solid Earth, 2018, 123, 8073-8094.	3.4	27
81	Highâ€latitude Pi2 pulsations associated with kinkâ€like neutral sheet oscillations. Journal of Geophysical Research: Space Physics, 2017, 122, 2889-2899.	2.4	19
82	Spontaneous hot flow anomalies at Mars and Venus. Journal of Geophysical Research: Space Physics, 2017, 122, 9910-9923.	2.4	16
83	Ultra low frequency waves at Venus: Observations by the Venus Express spacecraft. Planetary and Space Science, 2017, 146, 55-65.	1.7	19
84	Characteristics of ionospheric flux rope at the terminator observed by Venus Express. Journal of Geophysical Research: Space Physics, 2017, 122, 8858-8867.	2.4	8
85	Modeling observations of solar coronal mass ejections with heliospheric imagers verified with the Heliophysics System Observatory. Space Weather, 2017, 15, 955-970.	3.6	70
86	Statistical study of lowâ€frequency magnetic field fluctuations near Venus during the solar cycle. Journal of Geophysical Research: Space Physics, 2017, 122, 8409-8418.	2.4	8
87	A study of ionopause perturbation and associated boundary wave formation at Venus. Journal of Geophysical Research: Space Physics, 2017, 122, 4284-4298.	2.4	2
88	Numerical simulation on the multiple dipolarization fronts in the magnetotail. Physics of Plasmas, 2017, 24, .	1.9	2
89	Ablation of Venusian oxygen ions by unshocked solar wind. Science Bulletin, 2017, 62, 1669-1672.	11.1	7
90	Occurrence rate of dipolarization fronts in the plasma sheet: Cluster observations. Annales Geophysicae, 2017, 35, 1015-1022.	1.6	6

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91	A statistical study on the shape and position of the magnetotail neutral sheet. Annales Geophysicae, 2016, 34, 303-311.	1.6	23
92	Weak, Quiet Magnetic Fields Seen in the Venus Atmosphere. Scientific Reports, 2016, 6, 23537.	3.4	12
93	Properties of planetward ion flows in Venusâ€™ magnetotail. Icarus, 2016, 274, 73-82.	2.5	29
94	Mirror mode structures ahead of dipolarization front near the neutral sheet observed by Cluster. Geophysical Research Letters, 2016, 43, 8853-8858.	4.0	31
95	Statistical features of the global polarity reversal of the Venusian induced magnetosphere in response to the polarity change in interplanetary magnetic field. Journal of Geophysical Research: Space Physics, 2016, 121, 3951-3962.	2.4	12
96	EMVIM: An empirical model for the magnetic field configuration near Venus. Journal of Geophysical Research: Space Physics, 2016, 121, 3362-3380.	2.4	3
97	Hemispheric asymmetry in the nearâ€Venusian magnetotail during solar maximum. Journal of Geophysical Research: Space Physics, 2016, 121, 4542-4547.	2.4	8
98	Characteristics of quasiâ€monochromatic ULF waves in the Venusian foreshock. Journal of Geophysical Research: Space Physics, 2016, 121, 7385-7397.	2.4	14
99	Fluvial bevelling of topography controlled by lateral channel mobility and uplift rate. Nature Geoscience, 2016, 9, 706-710.	11.9	64
100	Statistical study on ultralowâ€frequency waves in the magnetotail lobe observed by Cluster. Journal of Geophysical Research: Space Physics, 2016, 121, 5319-5332.	2.4	7
101	An induced global magnetic field looping around the magnetotail of Venus. Journal of Geophysical Research: Space Physics, 2016, 121, 688-698.	2.4	16
102	Performance Evaluation of Anti-Reflection Coating on Photovoltaic Modules. Journal of the Korean Solar Energy Society, 2016, 36, 1-8.	0.4	0
103	Periodic variations of oxygen EUV dayglow in the upper atmosphere of Venus: Hisaki/EXCEED observations. Journal of Geophysical Research E: Planets, 2015, 120, 2037-2052.	3.6	15
104	The flapping motion of the Venusian magnetotail: Venus Express observations. Journal of Geophysical Research: Space Physics, 2015, 120, 5593-5602.	2.4	39
105	INERTIAL RANGE TURBULENCE OF FAST AND SLOW SOLAR WIND AT 0.72 AU AND SOLAR MINIMUM. Astrophysical Journal Letters, 2015, 804, L41.	8.6	6
106	Technique for diagnosing the flapping motion of magnetotail current sheets based on singleâ€point magnetic field analysis. Journal of Geophysical Research: Space Physics, 2015, 120, 3462-3474.	2.4	28
107	Evolution of Kelvin-Helmholtz instability at Venus in the presence of the parallel magnetic field. Physics of Plasmas, 2015, 22, .	1.9	4
108	The Venusâ€“solar wind interaction: Is it purely ionospheric?. Planetary and Space Science, 2015, 119, 36-42.	1.7	10

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109	Statistical investigation on the power-law behavior of magnetic fluctuations in the Venusian magnetosheath. Earth, Planets and Space, 2015, 67, .	2.6	11
110	Time delay of interplanetary magnetic field penetration into Earth's magnetotail. Journal of Geophysical Research: Space Physics, 2015, 120, 3406-3414.	2.4	26
111	A statistical study of the lowâ€altitude ionospheric magnetic fields over the north pole of Venus. Journal of Geophysical Research: Space Physics, 2015, 120, 6218-6229.	2.4	7
112	Relativistic electron response to the combined magnetospheric impact of a coronal mass ejection overlapping with a highâ€speed stream: Van Allen Probes observations. Journal of Geophysical Research: Space Physics, 2015, 120, 7629-7641.	2.4	18
113	Spatial distribution of magnetic fluctuation power with period 40 to 600â€‰s in the magnetosphere observed by THEMIS. Journal of Geophysical Research: Space Physics, 2015, 120, 9281-9293.	2.4	12
114	In situ observations of multistage electron acceleration driven by magnetic reconnection. Journal of Geophysical Research: Space Physics, 2015, 120, 6320-6331.	2.4	29
115	Characterizing the lowâ€altitude magnetic belt at Venus: Complementary observations from the Pioneer Venus Orbiter and Venus Express. Journal of Geophysical Research: Space Physics, 2015, 120, 2232-2240.	2.4	17
116	A statistical analysis of Pi2â€band waves in the plasma sheet and their relation to magnetospheric drivers. Journal of Geophysical Research: Space Physics, 2015, 120, 6167-6175.	2.4	23
117	Proton and alpha particle precipitation onto the upper atmosphere of Venus. Planetary and Space Science, 2015, 113-114, 369-377.	1.7	23
118	The shape of the Venusian bow shock at solar minimum and maximum: Revisit based on VEX observations. Planetary and Space Science, 2015, 109-110, 32-37.	1.7	26
119	Modeling the Earthâ€™s magnetosphere under the influence of solar wind with due northward IMF by the AMR-CESE-MHD model. Science China Earth Sciences, 2015, 58, 1235-1242.	5.2	8
120	Transmission of largeâ€amplitude ULF waves through a quasiâ€parallel shock at Venus. Journal of Geophysical Research: Space Physics, 2014, 119, 237-245.	2.4	28
121	Magnetic fields in the Venus ionosphere: Dependence on the IMF directionâ€”Venus express observations. Journal of Geophysical Research: Space Physics, 2014, 119, 7587-7600.	2.4	20
122	Mirror mode structures near Venus and Comet P/Halley. Annales Geophysicae, 2014, 32, 651-657.	1.6	35
123	Morphology of magnetic field in nearâ€Venus magnetotail: Venus express observations. Journal of Geophysical Research: Space Physics, 2014, 119, 8838-8847.	2.4	38
124	Observation of shocks associated with CMEs in 2007. Annales Geophysicae, 2014, 32, 223-230.	1.6	1
125	The structure of the Venusian current sheet. Planetary and Space Science, 2014, 96, 81-89.	1.7	16
126	Observation of double layer in the separatrix region during magnetic reconnection. Geophysical Research Letters, 2014, 41, 4851-4858.	4.0	50

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127	COMBINED MULTIPOINT REMOTE AND IN SITU OBSERVATIONS OF THE ASYMMETRIC EVOLUTION OF A FAST SOLAR CORONAL MASS EJECTION. Astrophysical Journal Letters, 2014, 790, L6.	8.6	45
128	The evolution of coâ€orbiting material in the orbit of 2201 Oljato from 1980 to 2012 as deduced from Pioneer Venus Orbiter and Venus Express magnetic records. Meteoritics and Planetary Science, 2014, 49, 28-35.	1.6	18
129	Magnetic fields in the Mars ionosphere of a noncrustal origin: Magnetization features. Geophysical Research Letters, 2014, 41, 6329-6334.	4.0	7
130	IMF control of the location of Venusian bow shock: The effect of the magnitude of IMF component tangential to the bow shock surface. Journal of Geophysical Research: Space Physics, 2014, 119, 9464-9475.	2.4	23
131	A survey of hot flow anomalies at Venus. Journal of Geophysical Research: Space Physics, 2014, 119, 978-991.	2.4	23
132	Correlation of core field polarity of magnetotail flux ropes with the IMF B_y: Reconnection guide field dependency. Journal of Geophysical Research: Space Physics, 2014, 119, 2933-2944.	2.4	25
133	The extension of ionospheric holes into the tail of Venus. Journal of Geophysical Research: Space Physics, 2014, 119, 6940-6953.	2.4	17
134	Flapping current sheet with superposed waves seen in space and on the ground. Journal of Geophysical Research: Space Physics, 2014, 119, 10,078.	2.4	22
135	A high resolution lithospheric magnetic field model over China. Science China Earth Sciences, 2013, 56, 1759-1768.	5.2	11
136	Comparison between magnetic coplanarity and MVA methods in determining the normal of Venusian bow shock. Science Bulletin, 2013, 58, 2469-2472.	1.6	3
137	Reproductive failure of a humanâ€tolerant species, the <scp>A</scp>merican kestrel, is associated with stress and human disturbance. Journal of Applied Ecology, 2013, 50, 912-919.	4.0	168
138	Toroidal and poloidal magnetic fields at Venus. Venus Express observations. Planetary and Space Science, 2013, 87, 19-29.	1.7	16
139	Venus Express observations of ULF and ELF waves in the Venus ionosphere: Wave properties and sources. Icarus, 2013, 226, 1527-1537.	2.5	12
140	Electromagnetic waves observed on a flight over a Venus electrical storm. Geophysical Research Letters, 2013, 40, 216-220.	4.0	6
141	Kinetic analysis of the energy transport of bursty bulk flows in the plasma sheet. Journal of Geophysical Research: Space Physics, 2013, 118, 313-320.	2.4	94
142	Method for inferring the axis orientation of cylindrical magnetic flux rope based on singleâ€point measurement. Journal of Geophysical Research: Space Physics, 2013, 118, 271-283.	2.4	18
143	Electric structure of dipolarization fronts associated with interchange instability in the magnetotail. Journal of Geophysical Research: Space Physics, 2013, 118, 6019-6025.	2.4	32
144	Two different types of plasmoids in the plasma sheet: Cluster multisatellite analysis application. Journal of Geophysical Research: Space Physics, 2013, 118, 5437-5444.	2.4	19

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145	Venus ion outflow estimates at solar minimum: Influence of reference frames and disturbed solar wind conditions. Journal of Geophysical Research: Space Physics, 2013, 118, 3592-3601.	2.4	32
146	The proton temperature anisotropy associated with bursty bulk flows in the magnetotail. Journal of Geophysical Research: Space Physics, 2013, 118, 4875-4883.	2.4	12
147	Slow magnetosonic waves detected in reconnection diffusion region in the Earth's magnetotail. Journal of Geophysical Research: Space Physics, 2013, 118, 1659-1666.	2.4	38
148	Asymmetries of the magnetic field line draping shape around Venus. Journal of Geophysical Research: Space Physics, 2013, 118, 6915-6920.	2.4	19
149	A statistical study of electron acceleration behind the dipolarization fronts in the magnetotail. Journal of Geophysical Research: Space Physics, 2013, 118, 4804-4810.	2.4	76
150	Plasma in the near Venus tail: Venus Express observations. Journal of Geophysical Research: Space Physics, 2013, 118, 7624-7634.	2.4	36
151	THE ROLE OF PICKUP IONS ON THE STRUCTURE OF THE VENUSIAN BOW SHOCK AND ITS IMPLICATIONS FOR THE TERMINATION SHOCK. Astrophysical Journal Letters, 2013, 773, L24.	8.6	6
152	Solar windâ€driven plasma fluxes from the Venus ionosphere. Journal of Geophysical Research: Space Physics, 2013, 118, 7497-7506.	2.4	6
153	Large amplitude nonlinear waves in Venus magnetosheath. Journal of Geophysical Research: Space Physics, 2013, 118, 1706-1710.	2.4	3
154	Dependence of O⁺ escape rate from the Venusian upper atmosphere on IMF directions. Geophysical Research Letters, 2013, 40, 1682-1685.	4.0	40
155	Observation of multiple subâ€cavities adjacent to single separatrix. Geophysical Research Letters, 2013, 40, 2511-2517.	4.0	28
156	On the retreat of near-Earth neutral line during substorm expansion phase: a THEMIS case study during the 9 January 2008 substorm. Annales Geophysicae, 2012, 30, 143-151.	1.6	6
157	MULTI-POINT SHOCK AND FLUX ROPE ANALYSIS OF MULTIPLE INTERPLANETARY CORONAL MASS EJECTIONS AROUND 2010 AUGUST 1 IN THE INNER HELIOSPHERE. Astrophysical Journal, 2012, 758, 10.	4.7	111
158	Giant flux ropes observed in the magnetized ionosphere at Venus. Geophysical Research Letters, 2012, 39, .	4.0	16
159	The transterminator ion flow at Venus at solar minimum. Planetary and Space Science, 2012, 73, 341-346.	1.7	1
160	A teardrop-shaped ionosphere at Venus in tenuous solar wind. Planetary and Space Science, 2012, 73, 254-261.	1.7	15
161	Bursty escape fluxes in plasma sheets of Mars and Venus. Geophysical Research Letters, 2012, 39, .	4.0	50
162	Dynamics of longâ€period ULF waves in the plasma sheet: Coordinated space and ground observations. Journal of Geophysical Research, 2012, 117, .	3.3	16

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163	Hot flow anomalies at Venus. Journal of Geophysical Research, 2012, 117, .	3.3	36
164	Observations of quasiâ€perpendicular propagating electromagnetic waves near the ionopause current sheet of Venus. Journal of Geophysical Research, 2012, 117, .	3.3	1
165	Profile of strong magnetic field B_y component in magnetotail current sheets. Journal of Geophysical Research, 2012, 117, .	3.3	33
166	Short largeâ€amplitude magnetic structures (SLAMS) at Venus. Journal of Geophysical Research, 2012, 117, .	3.3	19
167	MORPHOLOGICAL EVOLUTION OF A THREE-DIMENSIONAL CORONAL MASS EJECTION CLOUD RECONSTRUCTED FROM THREE VIEWPOINTS. Astrophysical Journal, 2012, 751, 18.	4.7	51
168	Plasma transition at the flanks of the Venus ionosheath: Evidence from the Venus Express data. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	8
169	Proton cyclotron wave generation mechanisms upstream of Venus. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	26
170	Unusual nonlinear waves in the Venusian magnetosheath. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	13
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