

# T-L Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

291  
papers

7,995  
citations

45  
h-index

75  
g-index

300  
ext. papers

8,902  
ext. citations

3.8  
avg, IF

5.37  
L-index

#	Paper	IF	Citations
291	A Case Study of the Induced Magnetosphere Boundary at the Martian Subsolar Region. <i>Astrophysical Journal</i> , <b>2022</b> , 927, 171	4.7	
290	Oxygen Ion Escape at Venus Associated With Three-Dimensional Kelvin-Helmholtz Instability. <i>Geophysical Research Letters</i> , <b>2022</b> , 49,	4.9	1
289	Statistical study of lightning-generated whistler-mode waves observed by Venus Express. <i>Icarus</i> , <b>2022</b> , 380, 114993	3.8	
288	Evidence of Alfvén Waves Generated by Mode Coupling in the Magnetotail Lobe. <i>Geophysical Research Letters</i> , <b>2022</b> , 49,	4.9	1
287	Deployable boom for Mars Orbiter Magnetometer onboard Tianwen-1 <b>2022</b> , 52, 1		
286	Statistical Properties of Electron-scale Magnetic Peaks in the Solar Wind at 1 au. <i>Astrophysical Journal</i> , <b>2021</b> , 921, 152	4.7	1
285	Statistical Study of Small-scale Magnetic Holes in the Upstream Regime of the Martian Bow Shock. <i>Astrophysical Journal</i> , <b>2021</b> , 921, 153	4.7	1
284	Parametric Dependence of Polarization Reversal Effects on the Particle Pitch Angle Scattering by EMIC Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029966	2.6	0
283	Field-Aligned Currents Originating From the Chaotic Motion of Electrons in the Tilted Current Sheet: MMS Observations. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL088841	4.9	4
282	Electron-scale Magnetic Peaks Upstream of the Terrestrial Bow Shock Observed by the Magnetospheric Multiscale Mission. <i>Astrophysical Journal</i> , <b>2021</b> , 914, 101	4.7	4
281	Foreshock as a Source Region of Electron-scale Magnetic Holes in the Solar Wind at 1 au. <i>Astrophysical Journal</i> , <b>2021</b> , 915, 3	4.7	4
280	Scientific objectives and payloads of Tianwen-1, China's first Mars exploration mission. <i>Advances in Space Research</i> , <b>2021</b> , 67, 812-823	2.4	38
279	The spectral scalings of magnetic fluctuations upstream and downstream of the Venusian bow shock. <i>Earth, Planets and Space</i> , <b>2021</b> , 73,	2.9	2
278	Species-dependent Response of the Martian Ionosphere to the 2018 Global Dust Event. <i>Journal of Geophysical Research E: Planets</i> , <b>2021</b> , 126, e2020JE006679	4.1	7
277	First Observations of an Ion Vortex in a Magnetic Hole in the Solar Wind by MMS. <i>Astronomical Journal</i> , <b>2021</b> , 161, 110	4.9	8
276	Statistical Characteristics of Field-Aligned Currents in the Plasma Sheet Boundary Layer. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028319	2.6	4
275	Reflection of low-frequency fast magnetosonic waves at the local two-ion cutoff frequency: observation in the plasmasphere. <i>Annales Geophysicae</i> , <b>2021</b> , 39, 613-625	2	0

274	Trapping and Amplification of Unguided Mode EMIC Waves in the Radiation Belt. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029322	2.6	0
273	Statistical Properties of Small-scale Linear Magnetic Holes in the Martian Magnetosheath. <i>Astrophysical Journal</i> , <b>2021</b> , 916, 104	4.7	5
272	The Venus Express observation of Venus-induced magnetosphere boundary at solar maximum. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 652, A113	5.1	2
271	Effects of the Solar Wind Dynamic Pressure on the Martian Topside Ion Distribution: Implications on the Variability of Bulk Ion Outflow. <i>Astrophysical Journal</i> , <b>2021</b> , 922, 231	4.7	1
270	Spatially Highly Resolved Solar-wind-induced Magnetic Field on Venus. <i>Astrophysical Journal</i> , <b>2021</b> , 923, 73	4.7	
269	The Chinese Mars ROVER Fluxgate Magnetometers. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	9
268	Roles of electrons and ions in formation of the current in mirror-mode structures in the terrestrial plasma sheet: Magnetospheric Multiscale observations. <i>Annales Geophysicae</i> , <b>2020</b> , 38, 309-318	2	11
267	The Demagnetization of the Venusian Ionosphere under Nearly Flow-aligned Interplanetary Magnetic Fields. <i>Astrophysical Journal</i> , <b>2020</b> , 900, 63	4.7	3
266	Three-dimensional Geometry of the Electron-scale Magnetic Hole in the Solar Wind. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 904, L11	7.9	7
265	Coupling between the Magnetospheric Dipolarization Front and the Earth's Ionosphere by Ultralow-frequency Waves. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 895, L13	7.9	1
264	Turbulence Near the Venusian Bow Shock: Venus Express Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027190	2.6	6
263	Statistical Properties of Sub-Ion Magnetic Holes in the Solar Wind at 1 AU. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028320	2.6	10
262	Study of the Electron Velocity Inside Sub-Ion-Scale Magnetic Holes in the Solar Wind by MMS Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028386	2.6	8
261	Foreshock Cavities at Venus and Mars. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028023	2.6	3
260	Survey of 1-Hz waves in the near-Venusian space: Venus Express observations. <i>Planetary and Space Science</i> , <b>2020</b> , 187, 104933	2	2
259	The BepiColombo's Magnetometer en Route to Mercury. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	9
258	Mars Orbiter magnetometer of China's First Mars Mission Tianwen-1. <i>Earth and Planetary Physics</i> , <b>2020</b> , 4, 384-389	1.6	9
257	The correlation length of ULF waves around Venus: VEX observations. <i>Planetary and Space Science</i> , <b>2020</b> , 180, 104761	2	1

256	Multiple-point Modeling the Parker Spiral Configuration of the Solar Wind Magnetic Field at the Solar Maximum of Solar Cycle 24. <i>Astrophysical Journal</i> , <b>2019</b> , 884, 102	4.7	4
255	Proton Temperature Anisotropies in the Plasma Environment of Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 3312-3330	2.6	5
254	Heavy Ion Flows in the Upper Ionosphere of the Venusian North Pole. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 4597-4607	2.6	2
253	Carriers of the Field-Aligned Currents in the Plasma Sheet Boundary Layer: An MMS Multicase Study. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 2873	2.6	5
252	Observations of the Venus Dramatic Response to an Extremely Strong Interplanetary Coronal Mass Ejection. <i>Astrophysical Journal</i> , <b>2019</b> , 876, 84	4.7	5
251	A Statistical Study on the Properties of Dips Ahead of Dipolarization Fronts Observed by MMS. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 139-150	2.6	14
250	The Induced Global Looping Magnetic Field on Mars. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 871, L27	7.9	5
249	Propagation of EMIC Waves Inside the Plasmasphere: A Two-Event Study. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 8396-8415	2.6	3
248	Small Spatial-Scale Field-Aligned Currents in the Plasma Sheet Boundary Layer Surveyed by Magnetosphere Multiscale Spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 9976-9985	2.6	7
247	Dipolarization Fronts: Tangential Discontinuities? On the Spatial Range of Validity of the MHD Jump Conditions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 9963-9975	2.6	5
246	Effects of the solar wind and the solar EUV flux on O <sup>+</sup> escape rates from Venus. <i>Icarus</i> , <b>2019</b> , 321, 379-387	3.7	12
245	Solar Wind Directional Change Triggering Flapping Motions of the Current Sheet: MMS Observations. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 64-70	4.9	16
244	A low-energy ion spectrometer with half-space entrance for three-axis stabilized spacecraft. <i>Science China Technological Sciences</i> , <b>2019</b> , 62, 1015-1027	3.5	2
243	Measurement of plasma channels in the Venus wake. <i>Icarus</i> , <b>2019</b> , 321, 1026-1037	3.8	2
242	Understanding the Twist Distribution Inside Magnetic Flux Ropes by Anatomizing an Interplanetary Magnetic Cloud. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 3238-3261	2.6	37
241	The Quasi-monochromatic ULF Wave Boundary in the Venusian Foreshock: Venus Express Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 374-384	2.6	4
240	A Statistical Study of Ionospheric Boundary Wave Formation at Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 7668-7685	2.6	4
239	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> , <b>2018</b> , 123, 7241-7256	2.6	17

238	The Response of the Venusian Plasma Environment to the Passage of an ICME: Hybrid Simulation Results and Venus Express Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 3580-3601	2.6	7
237	Magnetic Field near Venus: Comparison between Solar Cycle 24 and Previous Cycles. <i>Astrophysical Journal</i> , <b>2018</b> , 867, 129	4.7	6
236	Magnetic Fluctuations and Turbulence in the Venusian Magnetosheath Downstream of Different Types of Bow Shock. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 8219-8226	2.6	8
235	Solar cycle variation of the venus magnetic barrier. <i>Planetary and Space Science</i> , <b>2018</b> , 158, 53-62	2	9
234	High-latitude Pi2 pulsations associated with kink-like neutral sheet oscillations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 2889-2899	2.6	13
233	Occurrence rate of dipolarization fronts in the plasma sheet: Cluster observations. <i>Annales Geophysicae</i> , <b>2017</b> , 35, 1015-1022	2	4
232	Spontaneous hot flow anomalies at Mars and Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 9910-9923	2.6	12
231	Ultra low frequency waves at Venus: Observations by the Venus Express spacecraft. <i>Planetary and Space Science</i> , <b>2017</b> , 146, 55-65	2	11
230	Characteristics of ionospheric flux rope at the terminator observed by Venus Express. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 8858-8867	2.6	4
229	Modeling observations of solar coronal mass ejections with heliospheric imagers verified with the Heliophysics System Observatory. <i>Space Weather</i> , <b>2017</b> , 15, 955-970	3.7	44
228	Statistical study of low-frequency magnetic field fluctuations near Venus during the solar cycle. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 8409-8418	2.6	6
227	A study of ionopause perturbation and associated boundary wave formation at Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 4284-4298	2.6	1
226	Numerical simulation on the multiple dipolarization fronts in the magnetotail. <i>Physics of Plasmas</i> , <b>2017</b> , 24, 102903	2.1	2
225	Ablation of Venusian oxygen ions by unshocked solar wind. <i>Science Bulletin</i> , <b>2017</b> , 62, 1669-1672	10.6	5
224	Statistical study on ultralow-frequency waves in the magnetotail lobe observed by Cluster. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 5319-5332	2.6	5
223	An induced global magnetic field looping around the magnetotail of Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 688-698	2.6	6
222	Mirror mode waves in Venus's magnetosheath: solar minimum vs. solar maximum. <i>Annales Geophysicae</i> , <b>2016</b> , 34, 1099-1108	2	19
221	A statistical study on the shape and position of the magnetotail neutral sheet. <i>Annales Geophysicae</i> , <b>2016</b> , 34, 303-311	2	13

220	Weak, Quiet Magnetic Fields Seen in the Venus Atmosphere. <i>Scientific Reports</i> , <b>2016</b> , 6, 23537	4.9	10
219	Properties of planetward ion flows in Venus's magnetotail. <i>Icarus</i> , <b>2016</b> , 274, 73-82	3.8	18
218	Mirror mode structures ahead of dipolarization front near the neutral sheet observed by Cluster. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 8853-8858	4.9	20
217	Statistical features of the global polarity reversal of the Venusian induced magnetosphere in response to the polarity change in interplanetary magnetic field. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 3951-3962	2.6	10
216	EMVIM: An empirical model for the magnetic field configuration near Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 3362-3380	2.6	3
215	Hemispheric asymmetry in the near-Venusian magnetotail during solar maximum. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 4542-4547	2.6	5
214	Characteristics of quasi-monochromatic ULF waves in the Venusian foreshock. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 7385-7397	2.6	12
213	Characterizing the low-altitude magnetic belt at Venus: Complementary observations from the Pioneer Venus Orbiter and Venus Express. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 2232-2240	2.6	13
212	A statistical analysis of Pi2-band waves in the plasma sheet and their relation to magnetospheric drivers. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 6167-6175	2.6	17
211	Proton and alpha particle precipitation onto the upper atmosphere of Venus. <i>Planetary and Space Science</i> , <b>2015</b> , 113-114, 369-377	2	16
210	The shape of the Venusian bow shock at solar minimum and maximum: Revisit based on VEX observations. <i>Planetary and Space Science</i> , <b>2015</b> , 109-110, 32-37	2	17
209	Modeling the Earth's magnetosphere under the influence of solar wind with due northward IMF by the AMR-CESE-MHD model. <i>Science China Earth Sciences</i> , <b>2015</b> , 58, 1235-1242	4.6	7
208	Periodic variations of oxygen EUV dayglow in the upper atmosphere of Venus: Hisaki/EXCEED observations. <i>Journal of Geophysical Research E: Planets</i> , <b>2015</b> , 120, 2037-2052	4.1	12
207	The flapping motion of the Venusian magnetotail: Venus Express observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 5593-5602	2.6	33
206	INERTIAL RANGE TURBULENCE OF FAST AND SLOW SOLAR WIND AT 0.72 AU AND SOLAR MINIMUM. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 804, L41	7.9	4
205	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> , <b>2015</b> , 120, 3462-3474	2.6	23
204	Evolution of Kelvin-Helmholtz instability at Venus in the presence of the parallel magnetic field. <i>Physics of Plasmas</i> , <b>2015</b> , 22, 062902	2.1	2
203	The Venus's solar wind interaction: Is it purely ionospheric?. <i>Planetary and Space Science</i> , <b>2015</b> , 119, 36-42	2	5

202	Statistical investigation on the power-law behavior of magnetic fluctuations in the Venusian magnetosheath. <i>Earth, Planets and Space</i> , <b>2015</b> , 67,	2.9	9
201	Time delay of interplanetary magnetic field penetration into Earth's magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 3406-3414	2.6	20
200	A statistical study of the low-altitude ionospheric magnetic fields over the north pole of Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 6218-6229	2.6	5
199	Solar zenith angle-dependent asymmetries in Venusian bow shock location revealed by Venus Express. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 4446-4451	2.6	4
198	Spatial distribution of magnetic fluctuation power with period 40 to 600 s in the magnetosphere observed by THEMIS. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 9281-9293	2.6	7
197	In situ observations of multistage electron acceleration driven by magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 6320-6331	2.6	23
196	Observation of double layer in the separatrix region during magnetic reconnection. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 4851-4858	4.9	38
195	COMBINED MULTIPOINT REMOTE AND IN SITU OBSERVATIONS OF THE ASYMMETRIC EVOLUTION OF A FAST SOLAR CORONAL MASS EJECTION. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 790, L6	7.9	40
194	The evolution of co-orbiting material in the orbit of 2201 Oljato from 1980 to 2012 as deduced from Pioneer Venus Orbiter and Venus Express magnetic records. <i>Meteoritics and Planetary Science</i> , <b>2014</b> , 49, 28-35	2.8	16
193	Magnetic fields in the Mars ionosphere of a noncrustal origin: Magnetization features. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 6329-6334	4.9	6
192	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> , <b>2014</b> , 119, 9464-9475	2.6	16
191	A survey of hot flow anomalies at Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 978-991	2.6	16
190	Correlation of core field polarity of magnetotail flux ropes with the IMF By: Reconnection guide field dependency. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 2933-2944	2.6	19
189	The extension of ionospheric holes into the tail of Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 6940-6953	2.6	12
188	Flapping current sheet with superposed waves seen in space and on the ground. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 10,078	2.6	18
187	Transmission of large-amplitude ULF waves through a quasi-parallel shock at Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 237-245	2.6	21
186	Magnetic fields in the Venus ionosphere: Dependence on the IMF direction. Venus express observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 7587-7600	2.6	18
185	Mirror mode structures near Venus and Comet P/Halley. <i>Annales Geophysicae</i> , <b>2014</b> , 32, 651-657	2	28



184	Morphology of magnetic field in near-Venus magnetotail: Venus express observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 8838-8847	2.6	28
183	Observation of shocks associated with CMEs in 2007. <i>Annales Geophysicae</i> , <b>2014</b> , 32, 223-230	2	
182	The structure of the Venusian current sheet. <i>Planetary and Space Science</i> , <b>2014</b> , 96, 81-89	2	15
181	A high resolution lithospheric magnetic field model over China. <i>Science China Earth Sciences</i> , <b>2013</b> , 56, 1759-1768	4.6	8
180	Comparison between magnetic coplanarity and MVA methods in determining the normal of Venusian bow shock. <i>Science Bulletin</i> , <b>2013</b> , 58, 2469-2472		2
179	Toroidal and poloidal magnetic fields at Venus. Venus Express observations. <i>Planetary and Space Science</i> , <b>2013</b> , 87, 19-29	2	15
178	Venus Express observations of ULF and ELF waves in the Venus ionosphere: Wave properties and sources. <i>Icarus</i> , <b>2013</b> , 226, 1527-1537	3.8	9
177	Electromagnetic waves observed on a flight over a Venus electrical storm. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 216-220	4.9	4
176	Kinetic analysis of the energy transport of bursty bulk flows in the plasma sheet. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 313-320	2.6	63
175	Method for inferring the axis orientation of cylindrical magnetic flux rope based on single-point measurement. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 271-283	2.6	14
174	Electric structure of dipolarization fronts associated with interchange instability in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 6019-6025	2.6	28
173	Two different types of plasmoids in the plasma sheet: Cluster multisatellite analysis application. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 5437-5444	2.6	15
172	Venus ion outflow estimates at solar minimum: Influence of reference frames and disturbed solar wind conditions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 3592-3601	2.6	29
171	The proton temperature anisotropy associated with bursty bulk flows in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 4875-4883	2.6	8
170	Slow magnetosonic waves detected in reconnection diffusion region in the Earth's magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 1659-1666	2.6	23
169	Asymmetries of the magnetic field line draping shape around Venus. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 6915-6920	2.6	12
168	A statistical study of electron acceleration behind the dipolarization fronts in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 4804-4810	2.6	56
167	Plasma in the near Venus tail: Venus Express observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 7624-7634	2.6	25



166	THE ROLE OF PICKUP IONS ON THE STRUCTURE OF THE VENUSIAN BOW SHOCK AND ITS IMPLICATIONS FOR THE TERMINATION SHOCK. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 773, L24	7.9	6
165	Solar wind-driven plasma fluxes from the Venus ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 7497-7506	2.6	3
164	Large amplitude nonlinear waves in Venus magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 1706-1710	2.6	3
163	Dependence of O <sup>+</sup> escape rate from the Venusian upper atmosphere on IMF directions. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 1682-1685	4.9	30
162	Observation of multiple sub-cavities adjacent to single separatrix. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 2511-2517	4.9	21
161	Giant flux ropes observed in the magnetized ionosphere at Venus. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	14
160	The transterminator ion flow at Venus at solar minimum. <i>Planetary and Space Science</i> , <b>2012</b> , 73, 341-346	2	1
159	A teardrop-shaped ionosphere at Venus in tenuous solar wind. <i>Planetary and Space Science</i> , <b>2012</b> , 73, 254-261	2	11
158	Bursty escape fluxes in plasma sheets of Mars and Venus. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	39
157	Dynamics of long-period ULF waves in the plasma sheet: Coordinated space and ground observations. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		11
156	Hot flow anomalies at Venus. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		29
155	Observations of quasi-perpendicular propagating electromagnetic waves near the ionopause current sheet of Venus. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		1
154	Profile of strong magnetic field By component in magnetotail current sheets. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		31
153	Short large-amplitude magnetic structures (SLAMS) at Venus. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		14
152	MORPHOLOGICAL EVOLUTION OF A THREE-DIMENSIONAL CORONAL MASS EJECTION CLOUD RECONSTRUCTED FROM THREE VIEWPOINTS. <i>Astrophysical Journal</i> , <b>2012</b> , 751, 18	4.7	39
151	Magnetic reconnection in the near Venusian magnetotail. <i>Science</i> , <b>2012</b> , 336, 567-70	33.3	87
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