Yoshifumi Futaana

List of Publications by Year
in descending order

178	5,204	81900 39	128289 60
papers	citations	h-index	g-index

204	204	204	2240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solar cycle variation of ion escape from Mars. Icarus, 2023, 393, 114610.	2.5	13
2	Proton Temperature Anisotropies in the Venus Plasma Environment During Solar Minimum and Maximum. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	6
3	Simulations of Energetic Neutral Atom Sputtering From Ganymede in Preparation for the JUICE Mission. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	4
4	Callisto's Atmosphere and Its Space Environment: Prospects for the Particle Environment Package on Board JUICE. Earth and Space Science, 2022, 9, .	2.6	6
5	Global Venusâ€Solar Wind Coupling and Oxygen Ion Escape. Geophysical Research Letters, 2021, 48, e2020GL091213.	4.0	6
6	CME Magnetic Structure and IMF Preconditioning Affecting SEP Transport. Space Weather, 2021, 19, e2020SW002654.	3.7	18
7	Doubleâ€Peak Structures of Martian Nightside Total Electron Content in Strong Crustal Magnetic Cusp Regions. Geophysical Research Letters, 2021, 48, e2021GL092662.	4.0	2
8	Pre-flight Calibration and Near-Earth Commissioning Results of the Mercury Plasma Particle Experiment (MPPE) Onboard MMO (Mio). Space Science Reviews, 2021, 217, 1.	8.1	32
9	Venus's induced magnetosphere during active solar wind conditions at BepiColombo's Venus 1 flyby. Annales Geophysicae, 2021, 39, 811-831.	1.6	3
10	Reply to Comment on â€œAn Active Plume Eruption on Europa During Galileo Flyby E26 as Indicated by Energetic Proton Depletionsâ€• Geophysical Research Letters, 2021, 48, e2021GL095240.	4.0	3
11	Magnetic Structure and Propagation of Two Interacting CMEs From the Sun to Saturn. Journal of Geophysical Research: Space Physics, 2021, 126, .	2.4	16
12	Does Phobos reflect solar wind protons? Mars Express special flyby operations with and without the presence of Phobos. Journal of Geophysical Research E: Planets, 2021, 126, e2021JE006969.	3.6	4
13	In Situ Observations of the Ion Diffusion Region in the Venusian Magnetotail. Journal of Geophysical Research: Space Physics, 2021, 126, .	2.4	6
14	MAVEN Observations of Periodic Low-altitude Plasma Clouds at Mars. Astrophysical Journal Letters, 2021, 922, L33.	8.3	19
15	In situ observations of ions and magnetic field around Phobos: the mass spectrum analyzer (MSA) for the Martian Moons eXploration (MMX) mission. Earth, Planets and Space, 2021, 73, .	2.5	14
16	Foreshock Cavities at Venus and Mars. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028023.	2.4	7
17	An Active Plume Eruption on Europa During Galileo Flyby E26 as Indicated by Energetic Proton Depletions. Geophysical Research Letters, 2020, 47, e2020GL087806.	4.0	21
18	The Venusian Atmospheric Oxygen Ion Escape: Extrapolation to the Early Solar System. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006336.	3.6	25

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19	EUV-dependence of Venusian dayside ionopause altitude: VEX and PVO observations. Earth and Planetary Physics, 2020, 4, 1-9.	1.1	7
20	Multipoint Observations of the June 2012 Interacting Interplanetary Flux Ropes. Frontiers in Astronomy and Space Sciences, 2019, 6, .	2.8	29
21	Proton Temperature Anisotropies in the Plasma Environment of Venus. Journal of Geophysical Research: Space Physics, 2019, 124, 3312-3330.	2.4	14
22	Heavy Ion Flows in the Upper Ionosphere of the Venusian North Pole. Journal of Geophysical Research: Space Physics, 2019, 124, 4597-4607.	2.4	4
23	Energy Spectral Properties of Hydrogen Energetic Neutral Atoms Emitted From the Dayside Atmosphere of Mars. Journal of Geophysical Research: Space Physics, 2019, 124, 4104-4113.	2.4	7
24	Effects of the solar wind and the solar EUV flux on O+ escape rates from Venus. Icarus, 2019, 321, 379-387.	2.5	19
25	Measurement of plasma channels in the Venus wake. Icarus, 2019, 321, 1026-1037.	2.5	7
26	An Empirical Model of Energetic Neutral Atom Imaging of the Heliosphere and Its Implications for Future Heliospheric Missions at Great Heliocentric Distances. Astrophysical Journal, 2019, 886, 70.	4.5	6
27	DePhine â€“ The Deimos and Phobos Interior Explorer. Advances in Space Research, 2018, 62, 2220-2238.	2.6	17
28	SELMA mission: How do airless bodies interact with space environment? The Moon as an accessible laboratory. Planetary and Space Science, 2018, 156, 23-40.	1.7	5
29	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	32
30	Precipitation of Hydrogen Energetic Neutral Atoms at the Upper Atmosphere of Mars. Journal of Geophysical Research: Space Physics, 2018, 123, 8730-8748.	2.4	13
31	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	8
32	Ion Escape From Mars Through Time: An Extrapolation of Atmospheric Loss Based on 10 Years of Mars Express Measurements. Journal of Geophysical Research E: Planets, 2018, 123, 3051-3060.	3.6	29
33	H⁺/O⁺ Escape Rate Ratio in the Venus Magnetotail and its Dependence on the Solar Cycle. Geophysical Research Letters, 2018, 45, 10,805.	4.0	28
34	First Observation of Transport of Solar Wind Protons Scattered From Magnetic Anomalies Into the Near Lunar Wake: Observations by SARA/Chandrayaanâ€1. Geophysical Research Letters, 2018, 45, 8826-8833.	4.0	6
35	Corotation Plasma Environment Model: An Empirical Probability Model of the Jovian Magnetosphere. IEEE Transactions on Plasma Science, 2018, 46, 2126-2145.	1.3	1
36	A Statistical Study of Ionospheric Boundary Wave Formation at Venus. Journal of Geophysical Research: Space Physics, 2018, 123, 7668-7685.	2.4	4

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37	The September 2017 SEP Event in Context With the Current Solar Cycle: Mars Express ASPERAâ€3/IMA and MAVEN/SEP Observations. Geophysical Research Letters, 2018, 45, 7306-7311.	4.0	14
38	On the in-situ detectability of Europa's water vapour plumes from a flyby mission. Icarus, 2017, 289, 270-280.	2.5	10
39	New suprathermal proton population around the Moon: Observation by SARA on Chandrayaanâ€1. Geophysical Research Letters, 2017, 44, 4540-4548.	4.0	2
40	Solar windâ€•and EUVâ€dependent models for the shapes of the Martian plasma boundaries based on Mars Express measurements. Journal of Geophysical Research: Space Physics, 2017, 122, 7279-7290.	2.4	33
41	Solar wind scattering from the surface of Mercury: Lessons from the Moon. Icarus, 2017, 296, 39-48.	2.5	7
42	Mars Under Primordial Solar Wind Conditions: Mars Express Observations of the Strongest CME Detected at Mars Under Solar Cycle #24 and its Impact on Atmospheric Ion Escape. Geophysical Research Letters, 2017, 44, 10,805.	4.0	21
43	Solar Wind Interaction and Impact on the Venus Atmosphere. Space Science Reviews, 2017, 212, 1453-1509.	8.1	79
44	Spontaneous hot flow anomalies at Mars and Venus. Journal of Geophysical Research: Space Physics, 2017, 122, 9910-9923.	2.4	15
45	Global Marsâ€solar wind coupling and ion escape. Journal of Geophysical Research: Space Physics, 2017, 122, 8051-8062.	2.4	43
46	Modeling solar energetic particle events using ENLIL heliosphere simulations. Space Weather, 2017, 15, 934-954.	3.7	35
47	Ablation of Venusian oxygen ions by unshocked solar wind. Science Bulletin, 2017, 62, 1669-1672.	9.0	7
48	Identification of Signal and Noise Components in Spacecraft Neutral Particle Data Using a Bi-Level Mixture Model. , 2017, , .		0
49	Prospects for Modeling and Forecasting SEP Events with ENLIL and SEPMOD. Proceedings of the International Astronomical Union, 2017, 13, 263-267.	0.0	0
50	Initial performance of the radio occultation experiment in the Venus orbiter mission Akatsuki. Earth, Planets and Space, 2017, 69, .	2.5	60
51	Is the flowâ€aligned component of IMF really able to impact the magnetic field structure of Venusian magnetotail?. Journal of Geophysical Research: Space Physics, 2016, 121, 10,978.	2.4	13
52	Emission of hydrogen energetic neutral atoms from the Martian subsolar magnetosheath. Journal of Geophysical Research: Space Physics, 2016, 121, 190-204.	2.4	11
53	Properties of planetward ion flows in Venusâ€™ magnetotail. Icarus, 2016, 274, 73-82.	2.5	25
54	Transport of solar wind plasma onto the lunar nightside surface. Geophysical Research Letters, 2016, 43, 10,586.	4.0	9

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55	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	11
56	The electric wind of Venus: A global and persistent â€œpolar windâ€â€like ambipolar electric field sufficient for the direct escape of heavy ionospheric ions. Geophysical Research Letters, 2016, 43, 5926-5934.	4.0	31
57	Scattering characteristics and imaging of energetic neutral atoms from the Moon in the terrestrial magnetosheath. Journal of Geophysical Research: Space Physics, 2016, 121, 432-445.	2.4	12
58	Effects of the crustal magnetic fields on the Martian atmospheric ion escape rate. Geophysical Research Letters, 2016, 43, 10,574.	4.0	34
59	Characteristics of proton velocity distribution functions in the near-lunar wake from Chandrayaan-1/SWIM observations. Icarus, 2016, 271, 120-130.	2.5	13
60	Emission of energetic neutral atoms from water ice under Ganymede surface-like conditions. Icarus, 2016, 269, 91-97.	2.5	6
61	Dust environment of an airless object: A phase space study with kinetic models. Planetary and Space Science, 2016, 120, 56-69.	1.7	4
62	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	14
63	The flapping motion of the Venusian magnetotail: Venus Express observations. Journal of Geophysical Research: Space Physics, 2015, 120, 5593-5602.	2.4	38
64	The Martian atmospheric ion escape rate dependence on solar wind and solar EUV conditions: 1. Seven years of Mars Express observations. Journal of Geophysical Research E: Planets, 2015, 120, 1298-1309.	3.6	84
65	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	25
66	A new view on the solar wind interaction with the Moon. Geoscience Letters, 2015, 2, .	3.3	37
67	Seasonal variation of Martian pick-up ions: Evidence of breathing exosphere. Planetary and Space Science, 2015, 119, 54-61.	1.7	56
68	Solar zenith angleâ€dependent asymmetries in Venusian bow shock location revealed by Venus Express. Journal of Geophysical Research: Space Physics, 2015, 120, 4446-4451.	2.4	11
69	Vertical propagation of planetary-scale waves in variable background winds in the upper cloud region of Venus. Icarus, 2015, 248, 560-568.	2.5	31
70	Imaging the South Poleâ€“Aitken basin in backscattered neutral hydrogen atoms. Planetary and Space Science, 2015, 115, 57-63.	1.7	15
71	Proton and alpha particle precipitation onto the upper atmosphere of Venus. Planetary and Space Science, 2015, 113-114, 369-377.	1.7	22
72	Low-energy energetic neutral atom imaging of Io plasma and neutral tori. Planetary and Space Science, 2015, 108, 41-53.	1.7	10

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73	The impact of a slow interplanetary coronal mass ejection on Venus. Journal of Geophysical Research: Space Physics, 2015, 120, 3489-3502.	2.4	14
74	Solar windâ€driven thermospheric winds over the Venus North Polar region. Geophysical Research Letters, 2014, 41, 4413-4419.	4.0	4
75	Morphology of magnetic field in nearâ€Venus magnetotail: Venus express observations. Journal of Geophysical Research: Space Physics, 2014, 119, 8838-8847.	2.4	34
76	Chandrayaan-1 observations of backscattered solar wind protons from the lunar regolith: Dependence on the solar wind speed. Journal of Geophysical Research E: Planets, 2014, 119, 968-975.	3.6	27
77	On vertical electric fields at lunar magnetic anomalies. Geophysical Research Letters, 2014, 41, 2243-2249.	4.0	39
78	Mars Express investigations of Phobos and Deimos. Planetary and Space Science, 2014, 102, 18-34.	1.7	54
79	First direct observation of sputtered lunar oxygen. Journal of Geophysical Research: Space Physics, 2014, 119, 709-722.	2.4	29
80	Effects of protons reflected by lunar crustal magnetic fields on the global lunar plasma environment. Journal of Geophysical Research: Space Physics, 2014, 119, 6095-6105.	2.4	36
81	Enhanced ionization of the Martian nightside ionosphere during solar energetic particle events. Geophysical Research Letters, 2014, 41, 793-798.	4.0	25
82	Influence of Martian crustal magnetic anomalies on the emission of energetic neutral hydrogen atoms. Journal of Geophysical Research: Space Physics, 2014, 119, 8600-8609.	2.4	9
83	The extension of ionospheric holes into the tail of Venus. Journal of Geophysical Research: Space Physics, 2014, 119, 6940-6953.	2.4	17
84	Backscattered energetic neutral atoms from the Moon in the Earth's plasma sheet observed by Chandarayaanâ€1/Subâ€keV Atom Reflecting Analyzer instrument. Journal of Geophysical Research: Space Physics, 2014, 119, 3573-3584.	2.4	22
85	Inner heliosphere MHD modeling system applicable to space weather forecasting for the other planets. Space Weather, 2014, 12, 187-204.	3.7	68
86	Remote energetic neutral atom imaging of electric potential over a lunar magnetic anomaly. Geophysical Research Letters, 2013, 40, 262-266.	4.0	56
87	Longâ€term variation in the cloudâ€tracked zonal velocities at the cloud top of Venus deduced from Venus Express VMC images. Journal of Geophysical Research E: Planets, 2013, 118, 37-46.	3.6	67
88	Statistical properties of planetary heavyâ€ion precipitations toward the Martian ionosphere obtained from Mars Express. Journal of Geophysical Research: Space Physics, 2013, 118, 5348-5357.	2.4	14
89	Directionality and variability of energetic neutral hydrogen fluxes observed by Mars Express. Journal of Geophysical Research: Space Physics, 2013, 118, 7635-7642.	2.4	15
90	Phobos 2/ASPERA data revisited: Planetary ion escape rate from Mars near the 1989 solar maximum. Geophysical Research Letters, 2013, 40, 477-481.	4.0	35

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91	Dependence of O⁺ escape rate from the Venusian upper atmosphere on IMF directions. Geophysical Research Letters, 2013, 40, 1682-1685.	4.0	39
92	Solar cycle effects on the ion escape from Mars. Geophysical Research Letters, 2013, 40, 6028-6032.	4.0	58
93	Proton entry into the nearâ€lunar plasma wake for magnetic field aligned flow. Geophysical Research Letters, 2013, 40, 2913-2917.	4.0	18
94	A largeâ€scale flow vortex in the Venus plasma tail and its fluid dynamic interpretation. Geophysical Research Letters, 2013, 40, 1273-1278.	4.0	16
95	Energetic neutral atom imaging of the lunar surface. Journal of Geophysical Research: Space Physics, 2013, 118, 3937-3945.	2.4	47
96	The lunar wake current systems. Geophysical Research Letters, 2013, 40, 17-21.	4.0	46
97	Ion distributions in the vicinity of Mars: Signatures of heating and acceleration processes. Earth, Planets and Space, 2012, 64, 135-148.	2.5	47
98	Ion acceleration by multiple reflections at Martian bow shock. Earth, Planets and Space, 2012, 64, 61-71.	2.5	6
99	The interaction between the Moon and the solar wind. Earth, Planets and Space, 2012, 64, 237-245.	2.5	80
100	Energetic neutral atom observations of magnetic anomalies on the lunar surface. Journal of Geophysical Research, 2012, 117, .	3.3	44
101	A case study of proton precipitation at Mars: Mars Express observations and hybrid simulations. Journal of Geophysical Research, 2012, 117, .	3.3	28
102	Kinetic simulations of finite gyroradius effects in the lunar plasma environment on global, meso, and microscales. Planetary and Space Science, 2012, 74, 146-155.	1.7	42
103	Dualâ€spacecraft radio occultation measurement of the electron density near the lunar surface by the SELENE mission. Journal of Geophysical Research, 2012, 117, .	3.3	9
104	Radio occultation measurement of the electron density near the lunar surface using a subsatellite on the SELENE mission. Journal of Geophysical Research, 2012, 117, .	3.3	19
105	The effects of lunar surface plasma absorption and solar wind temperature anisotropies on the solar wind proton velocity space distributions in the lowâ€altitude lunar plasma wake. Journal of Geophysical Research, 2012, 117, .	3.3	23
106	Empirical energy spectra of neutralized solar wind protons from the lunar regolith. Journal of Geophysical Research, 2012, 117, .	3.3	53
107	Suzaku observations of charge exchange emission from solar system objects. Astronomische Nachrichten, 2012, 333, 319-323.	1.2	1
108	Horizontal structure of planetary-scale waves at the cloud top of Venus deduced from Galileo SSI images with an improved cloud-tracking technique. Planetary and Space Science, 2012, 60, 207-216.	1.7	43

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109	Strong influence of lunar crustal fields on the solar wind flow. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	125
110	Heavy-ion flux enhancement in the vicinity of the Martian ionosphere during CIR passage: Mars Express ASPERA-3 observations. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	29
111	Observational evidence of alphaâ€particle capture at Mars. Geophysical Research Letters, 2011, 38, .	4.0	32
112	Scattering function for energetic neutral hydrogen atoms off the lunar surface. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	30
113	Measurements of the ion escape rates from Venus for solar minimum. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	86
114	O⁺outflow channels around Venus controlled by directions of the interplanetary magnetic field: Observations of high energy O⁺ions around the terminator. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	22
115	Atmospheric erosion of Venus during stormy space weather. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	60
116	Proton and hydrogen atom transport in the Martian upper atmosphere with an induced magnetic field. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	35
117	Ion flow and momentum transfer in the Venus plasma environment. Icarus, 2011, 215, 751-758.	2.5	46
118	Heavy ion escape from Mars, influence from solar wind conditions and crustal magnetic fields. Icarus, 2011, 215, 475-484.	2.5	114
119	Exospheres and Energetic Neutral Atoms of Mars, Venus and Titan. Space Science Reviews, 2011, 162, 213-266.	8.1	25
120	Solar system planets observed with Suzaku. Advances in Space Research, 2011, 47, 411-418.	2.6	5
121	X-Ray Observation of Mars at Solar Minimum with Suzaku. Publication of the Astronomical Society of Japan, 2011, 63, S705-S712.	2.5	5
122	Radio occultation experiment of the Venus atmosphere and ionosphere with the Venus orbiter Akatsuki. Earth, Planets and Space, 2011, 63, 493-501.	2.5	25
123	Comparison of accelerated ion populations observed upstream of the bow shocks at Venus and Mars. Annales Geophysicae, 2011, 29, 511-528.	1.6	22
124	Exospheres and Energetic Neutral Atoms of Mars, Venus and Titan. Space Sciences Series of ISSI, 2011, , 213-266.	0.0	0
125	Studying the Lunar Ionosphere with SELENE Radio Science Experiment. Space Science Reviews, 2010, 154, 305-316.	8.1	18
126	Ion escape from Mars as a function of solar wind conditions: A statistical study. Icarus, 2010, 206, 40-49.	2.5	72

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127	Corrigendum to "Substorm activity in Venus's magnetotail" published in Ann. Geophys., 27, 2321â€“2330, doi:10.5194/angeo-27-2321-2009, 2009. Annales Geophysicae, 2010, 28, 1877-1878.	1.6	5
128	First observation of a miniâ€magnetosphere above a lunar magnetic anomaly using energetic neutral atoms. Geophysical Research Letters, 2010, 37, .	4.0	114
129	Pumping out the atmosphere of Mars through solar wind pressure pulses. Geophysical Research Letters, 2010, 37, .	4.0	88
130	Venusian bow shock as seen by the ASPERAâ€4 ion instrument on Venus Express. Journal of Geophysical Research, 2010, 115, .	3.3	9
131	Dynamics of solar wind protons reflected by the Moon. Journal of Geophysical Research, 2010, 115, .	3.3	48
132	Protons in the nearâ€lunar wake observed by the Subâ€keV Atom Reflection Analyzer on board Chandrayaanâ€1. Journal of Geophysical Research, 2010, 115, .	3.3	42
133	Backscattered solar wind protons by Phobos. Journal of Geophysical Research, 2010, 115, .	3.3	19
134	Studying the Lunar Ionosphere with SELENE Radio Science Experiment. , 2010, , 305-316.		0
135	Substorm activity in Venus's magnetotail. Annales Geophysicae, 2009, 27, 2321-2330.	1.6	18
136	Extremely high reflection of solar wind protons as neutral hydrogen atoms from regolith in space. Planetary and Space Science, 2009, 57, 2132-2134.	1.7	130
137	Location of the bow shock and ion composition boundaries at Venusâ€”initial determinations from Venus Express ASPERA-4. Planetary and Space Science, 2008, 56, 780-784.	1.7	64
138	The Venusian induced magnetosphere: A case study of plasma and magnetic field measurements on the Venus Express mission. Planetary and Space Science, 2008, 56, 796-801.	1.7	22
139	Mars Express and Venus Express multi-point observations of geoeffective solar flare events in December 2006. Planetary and Space Science, 2008, 56, 873-880.	1.7	102
140	Morphology of the magnetic field near Mars and the role of the magnetic crustal anomalies: Dayside region. Planetary and Space Science, 2008, 56, 852-855.	1.7	10
141	Ionospheric photoelectrons at Venus: Initial observations by ASPERA-4 ELS. Planetary and Space Science, 2008, 56, 802-806.	1.7	48
142	First observation of energetic neutral atoms in the Venus environment. Planetary and Space Science, 2008, 56, 807-811.	1.7	19
143	Comparative analysis of Venus and Mars magnetotails. Planetary and Space Science, 2008, 56, 812-817.	1.7	48
144	ENA detection in the dayside of Mars: ASPERA-3 NPD statistical study. Planetary and Space Science, 2008, 56, 840-845.	1.7	18

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145	Variations of the magnetic field near Mars caused by magnetic crustal anomalies. Planetary and Space Science, 2008, 56, 856-860.	1.7	5
146	Advanced method to derive the IMF direction near Mars from cycloidal proton distributions. Planetary and Space Science, 2008, 56, 1145-1154.	1.7	10
147	Predicting interplanetary shock arrivals at Earth, Mars, and Venus: A realâ€time modeling experiment following the solar flares of 5â€“14 December 2006. Journal of Geophysical Research, 2008, 113, .	3.3	22
148	Observations of aurorae by SPICAM ultraviolet spectrograph on board Mars Express: Simultaneous ASPERAâ€3 and MARSIS measurements. Journal of Geophysical Research, 2008, 113, .	3.3	70
149	Energetic neutral atom occultation: New remote sensing technique to study the lunar exosphere. Journal of Geophysical Research, 2008, 113, .	3.3	9
150	Venus Express observations of atmospheric oxygen escape during the passage of several coronal mass ejections. Journal of Geophysical Research, 2008, 113, .	3.3	44
151	Tailward flow of energetic neutral atoms observed at Venus. Journal of Geophysical Research, 2008, 113, .	3.3	20
152	Tailward flow of energetic neutral atoms observed at Mars. Journal of Geophysical Research, 2008, 113, .	3.3	30
153	The possibility of studying the lunar ionosphere with the SELENE radio science experiment. Earth, Planets and Space, 2008, 60, 387-390.	2.5	12
154	Investigation of the Influence of Magnetic Anomalies on Ion Distributions at Mars. , 2007, , 355-372.		0
155	The loss of ions from Venus through the plasma wake. Nature, 2007, 450, 650-653.	27.8	168
156	Global Response of Martian Plasma Environment to an Interplanetary Structure: From Ena and Plasma Observations at Mars. Space Science Reviews, 2007, 126, 315-332.	8.1	23
157	Investigation of the Influence of Magnetic Anomalies on Ion Distributions at Mars. Space Science Reviews, 2007, 126, 355-372.	8.1	20
158	IMF Direction Derived from Cycloid-Like Ion Distributions Observed by Mars Express. Space Science Reviews, 2007, 126, 239-266.	8.1	21
159	Energisation of O+ and O+ 2 Ions at Mars: An Analysis of a 3-D Quasi-Neutral Hybrid Model Simulation. Space Science Reviews, 2007, 126, 39-62.	8.1	11
160	Observations of the Martian Subsolar ENA Jet Oscillations. Space Science Reviews, 2007, 126, 299-313.	8.1	13
161	Global Response of Martian Plasma Environment to an Interplanetary Structure: From ENA and Plasma Observations at Mars. , 2007, , 315-332.		0
162	Observations of the Martian Subsolar ENA Jet Oscillations. , 2007, , 299-313.		1

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163	Energisation of O+ and O 2 + Ions at Mars: An Analysis of A 3-D Quasi-Neutral Hybrid Model Simulation. , 2007, , 39-62.		0
164	IMF Direction Derived from Cycloid-Like Ion Distributions Observed by Mars Express. , 2007, , 239-266.		0
165	Direct Measurements of Energetic Neutral Hydrogen in the Interplanetary Medium. Astrophysical Journal, 2006, 644, 1317-1325.	4.5	32
166	First ENA observations at Mars: Subsolar ENA jet. Icarus, 2006, 182, 413-423.	2.5	42
167	First ENA observations at Mars: ENA emissions from the martian upper atmosphere. Icarus, 2006, 182, 424-430.	2.5	53
168	First ENA observations at Mars: Charge exchange ENAs produced in the magnetosheath. Icarus, 2006, 182, 431-438.	2.5	39
169	Energetic Neutral Atoms (ENA) at Mars: Properties of the hydrogen atoms produced upstream of the martian bow shock and implications for ENA sounding technique around non-magnetized planets. Icarus, 2006, 182, 448-463.	2.5	22
170	First ENA observations at Mars: Solar-wind ENAs on the nightside. Icarus, 2006, 182, 439-447.	2.5	27
171	Low energy neutral atoms imaging of the Moon. Planetary and Space Science, 2006, 54, 132-143.	1.7	33
172	Energetic neutral atom imaging mass spectroscopy of the Moon and Mercury environments. Advances in Space Research, 2006, 37, 38-44.	2.6	7
173	Ion escape at Mars: Comparison of a 3-D hybrid simulation with Mars Express IMA/ASPERA-3 measurements. Icarus, 2006, 182, 350-359.	2.5	34
174	Mass composition of the escaping plasma at Mars. Icarus, 2006, 182, 320-328.	2.5	103
175	Low energy neutral atom imaging on the Moon with the SARA instrument aboard Chandrayaan-1 mission. Journal of Earth System Science, 2005, 114, 749-760.	1.3	35
176	Moon-related nonthermal ions observed by Nozomi: Species, sources, and generation mechanisms. Journal of Geophysical Research, 2003, 108, SMP 15-1.	3.3	234
177	Counterstreaming electrons in the near vicinity of the Moon observed by plasma instruments on board NOZOMI. Journal of Geophysical Research, 2001, 106, 18729-18740.	3.3	35
178	Application of Discovery Science to Solar-Terrestrial Physics. Lecture Notes in Computer Science, 1998, , 451-452.	1.3	0