

J R Espley

List of Publications by Year in descending order

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137
papers

5,522
citations

87888

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137
all docs

137
docs citations

137
times ranked

2339
citing authors

#	ARTICLE	IF	CITATIONS
1	Making Waves: Mirror Mode Structures Around Mars Observed by the MAVEN Spacecraft. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	5
2	A New Model of Jupiter's Magnetic Field at the Completion of Juno's Prime Mission. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	60
3	Energetic Neutral Atoms near Mars: Predicted Distributions Based on MAVEN Measurements. Astrophysical Journal, 2022, 927, 11.	4.5	2
4	A Statistical Investigation of Factors Influencing the Magnetotail Twist at Mars. Geophysical Research Letters, 2022, 49, .	4.0	14
5	Martian Crustal Field Influence on O^{+} and O^{2+} Escape as Measured by MAVEN. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029234.	2.4	14
6	The Structure of the Martian Quasi-Perpendicular Supercritical Shock as Seen by MAVEN. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028938.	2.4	6
7	On the Growth and Development of Non-Linear Kelvin-Helmholtz Instability at Mars: MAVEN Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029224.	2.4	9
8	Variability of Upstream Proton Cyclotron Wave Properties and Occurrence at Mars Observed by MAVEN. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028616.	2.4	13
9	MAVEN Observations of Low Frequency Steepened Magnetosonic Waves and Associated Heating of the Martian Nightside Ionosphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029615.	2.4	8
10	MOSAIC: A Satellite Constellation to Enable Groundbreaking Mars Climate System Science and Prepare for Human Exploration. Planetary Science Journal, 2021, 2, 211.	3.6	6
11	Space Weather Observations With InSight. Geophysical Research Letters, 2021, 48, e2021GL095432.	4.0	5
12	A Generalized Magnetospheric Disturbance Index: Initial Application to Mars Using MAVEN Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029479.	2.4	2
13	Plasma Waves in the Distant Martian Environment: Implications for Mars' Sphere of Influence. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029686.	2.4	2
14	Induced Magnetic Fields and Plasma Motions in the Inner Part of the Martian Magnetosphere. Journal of Geophysical Research: Space Physics, 2021, 126, .	2.4	14
15	Mars' Ionospheric Interaction With Comet C/2013 A1 Siding Spring's Coma at Their Closest Approach as Seen by Mars Express. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027344.	2.4	3
16	Magnetic Holes Upstream of the Martian Bow Shock: MAVEN Observations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027198.	2.4	19
17	Foreshock Cavities at Venus and Mars. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028023.	2.4	7
18	Ion Jets Within Current Sheets in the Martian Magnetosphere. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028576.	2.4	20

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19	Variations in Nightside Magnetic Field Topology at Mars. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088921.	4.0	15
20	The Influence of Interplanetary Magnetic Field Direction on Martian Crustal Magnetic Field Topology. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087757.	4.0	25
21	Properties of Plasma Waves Observed Upstream From Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028221.	2.4	17
22	First Detection of Kilometerâ€Scale Density Irregularities in the Martian Ionosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090906.	4.0	7
23	Largeâ€Amplitude Oscillatory Motion of Mercury's Crossâ€Tail Current Sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027783.	2.4	8
24	Localized Heating of the Martian Topside Ionosphere Through the Combined Effects of Magnetic Pumping by Largeâ€Scale Magnetosonic Waves and Pitch Angle Diffusion by Whistler Waves. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086408.	4.0	17
25	Constantly forming sporadic E-like layers and rifts in the Martian ionosphere and their implications for Earth. <i>Nature Astronomy</i> , 2020, 4, 486-491.	10.1	14
26	Upstream Ultraâ€Low Frequency Waves Observed by MESSENGER's Magnetometer: Implications for Particle Acceleration at Mercury's Bow Shock. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087350.	4.0	9
27	Invertedâ€V Electron Acceleration Events Concurring With Localized Auroral Observations at Mars by MAVEN. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087414.	4.0	26
28	The global current systems of the Martian induced magnetosphere. <i>Nature Astronomy</i> , 2020, 4, 979-985.	10.1	55
29	Variability of the Solar Wind Flow Asymmetry in the Martian Magnetosheath Observed by MAVEN. <i>Geophysical Research Letters</i> , 2020, 47, .	4.0	9
30	Recovery Timescales of the Dayside Martian Magnetosphere to IMF Variability. <i>Geophysical Research Letters</i> , 2019, 46, 10977-10986.	4.0	15
31	Importance of Ambipolar Electric Field in Driving Ion Loss From Mars: Results From a Multifluid MHD Model With the Electron Pressure Equation Included. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9040-9057.	2.4	27
32	The Induced Magnetosphere of Mars: Asymmetrical Topology of the Magnetic Field Lines. <i>Geophysical Research Letters</i> , 2019, 46, 12722-12730.	4.0	25
33	Ion Composition Boundary Layer Instabilities at Mars. <i>Geophysical Research Letters</i> , 2019, 46, 10303-10312.	4.0	10
34	Magnetic Field in the Martian Magnetosheath and the Application as an IMF Clock Angle Proxy. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4295-4313.	2.4	16
35	The Statistical Characteristics of Smallâ€Scale Ionospheric Irregularities Observed in the Martian Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5874-5893.	2.4	8
36	Ambipolar Electric Field in the Martian Ionosphere: MAVEN Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4518-4524.	2.4	18

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37	Traveling Ionospheric Disturbances at Mars. <i>Geophysical Research Letters</i> , 2019, 46, 4554-4563.	4.0	13
38	A Technique to Infer Magnetic Topology at Mars and Its Application to the Terminator Region. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1823-1842.	2.4	58
39	The Penetration of Draped Magnetic Field Into the Martian Upper Ionosphere and Correlations With Upstream Solar Wind Dynamic Pressure. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3021-3035.	2.4	8
40	The Influence of Solar Wind Pressure on Martian Crustal Magnetic Field Topology. <i>Geophysical Research Letters</i> , 2019, 46, 2347-2354.	4.0	35
41	MAVEN Case Studies of Plasma Dynamics in Low-Altitude Crustal Magnetic Field at Mars 1: Dayside Ion Spikes Associated With Radial Crustal Magnetic Fields. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1239-1261.	2.4	6
42	Locally Generated ULF Waves in the Martian Magnetosphere: MAVEN Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8707-8726.	2.4	8
43	Correlations between enhanced electron temperatures and electric field wave power in the Martian ionosphere. <i>Geophysical Research Letters</i> , 2018, 45, 493-501.	4.0	9
44	A New Model of Jupiter's Magnetic Field From Juno's First Nine Orbits. <i>Geophysical Research Letters</i> , 2018, 45, 2590-2596.	4.0	258
45	One-Hertz Waves at Mars: MAVEN Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3460-3476.	2.4	10
46	Seasonal Variability of Neutral Escape from Mars as Derived From MAVEN Pickup Ion Observations. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 1192-1202.	3.6	38
47	Evidence for Neutrals-Foreshock Electrons Impact at Mars. <i>Geophysical Research Letters</i> , 2018, 45, 3768-3774.	4.0	12
48	Autocorrelation Study of Solar Wind Plasma and IMF Properties as Measured by the MAVEN Spacecraft. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2493-2512.	2.4	26
49	Magnetic Reconnection on Dayside Crustal Magnetic Fields at Mars: MAVEN Observations. <i>Geophysical Research Letters</i> , 2018, 45, 4550-4558.	4.0	44
50	The Martian Magnetosphere: Areas of Unsettled Terminology. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4521-4525.	2.4	18
51	Reconnection in the Martian Magnetotail: Hall-MHD With Embedded Particle-in-Cell Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3742-3763.	2.4	20
52	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	32
53	Using Magnetic Topology to Probe the Sources of Mars' Nightside Ionosphere. <i>Geophysical Research Letters</i> , 2018, 45, 12,190.	4.0	36
54	An Artificial Neural Network for Inferring Solar Wind Proxies at Mars. <i>Geophysical Research Letters</i> , 2018, 45, 10,855.	4.0	21

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55	The Three-Dimensional Bow Shock of Mars as Observed by MAVEN. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4542-4555.	2.4	40
56	The Impact and Solar Wind Proxy of the 2017 September ICME Event at Mars. <i>Geophysical Research Letters</i> , 2018, 45, 7248-7256.	4.0	29
57	Loss of the Martian atmosphere to space: Present-day loss rates determined from MAVEN observations and integrated loss through time. <i>Icarus</i> , 2018, 315, 146-157.	2.5	216
58	MAVEN Observations of Solar Wind-Driven Magnetosonic Waves Heating the Martian Dayside Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4129-4149.	2.4	40
59	The Twisted Configuration of the Martian Magnetotail: MAVEN Observations. <i>Geophysical Research Letters</i> , 2018, 45, 4559-4568.	4.0	66
60	Martian Electron Temperatures in the Subsolar Region: MAVEN Observations Compared to a One-Dimensional Model. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5960-5973.	2.4	21
61	Ionizing Electrons on the Martian Nightside: Structure and Variability. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4349-4363.	2.4	35
62	MARSIS Observations of the Martian Nightside Ionosphere During the September 2017 Solar Event. <i>Geophysical Research Letters</i> , 2018, 45, 7960-7967.	4.0	23
63	Responses of the Martian Magnetosphere to an Interplanetary Coronal Mass Ejection: MAVEN Observations and LatHyS Results. <i>Geophysical Research Letters</i> , 2018, 45, 7891-7900.	4.0	19
64	Energetic Particle Showers Over Mars from Comet C/2013 A1 Siding Spring. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8778-8796.	2.4	11
65	MAVEN measured oxygen and hydrogen pickup ions: Probing the Martian exosphere and neutral escape. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3689-3706.	2.4	55
66	Martian electron foreshock from MAVEN observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1531-1541.	2.4	12
67	Characterization of turbulence in the Mars plasma environment with MAVEN observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 656-674.	2.4	30
68	Structure, dynamics, and seasonal variability of the Mars-solar wind interaction: MAVEN Solar Wind Ion Analyzer in-flight performance and science results. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 547-578.	2.4	191
69	MAVEN observations of the solar cycle 24 space weather conditions at Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2768-2794.	2.4	78
70	Survey of magnetic reconnection signatures in the Martian magnetotail with MAVEN. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5114-5131.	2.4	40
71	Martian magnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6185-6209.	2.4	40
72	The Juno Magnetic Field Investigation. <i>Space Science Reviews</i> , 2017, 213, 39-138.	8.1	209

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73	MAVEN observations of tail current sheet flapping at Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4308-4324.	2.4	37
74	MAVEN observations of a giant ionospheric flux rope near Mars resulting from interaction between the crustal and interplanetary draped magnetic fields. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 828-842.	2.4	21
75	MAVEN observations of dayside peak electron densities in the ionosphere of Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 891-906.	2.4	33
76	Imprints of Quasi-Adiabatic Ion Dynamics on the Current Sheet Structures Observed in the Martian Magnetotail by MAVEN. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,176.	2.4	20
77	Spontaneous hot flow anomalies at Mars and Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9910-9923.	2.4	15
78	The Martian Photoelectron Boundary as Seen by MAVEN. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,472.	2.4	28
79	Statistical Study of Relations Between the Induced Magnetosphere, Ion Composition, and Pressure Balance Boundaries Around Mars Based On MAVEN Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9723-9737.	2.4	44
80	Electric and magnetic variations in the near-Mars environment. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8536-8559.	2.4	30
81	Flows, Fields, and Forces in the Mars-Solar Wind Interaction. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,320.	2.4	64
82	MAVEN Observations of Ionospheric Irregularities at Mars. <i>Geophysical Research Letters</i> , 2017, 44, 10,845.	4.0	16
83	Interplanetary coronal mass ejection observed at STEREO-A, Mars, comet 67P/Churyumov-Gerasimenko, Saturn, and New Horizons en route to Pluto: Comparison of its Forbush decreases at 1.4, 3.1, and 9.9 AU. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7865-7890.	2.4	87
84	Comparative study of the Martian suprathermal electron depletions based on Mars Global Surveyor, Mars Express, and Mars Atmosphere and Volatile Evolution mission observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 857-873.	2.4	28
85	Variations of the Martian plasma environment during the ICME passage on 8 March 2015: A time-dependent MHD study. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1714-1730.	2.4	40
86	Electric Mars: A large trans-terminator electric potential drop on closed magnetic field lines above Utopia Planitia. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2260-2271.	2.4	16
87	The interplanetary magnetic field observed by Juno enroute to Jupiter. <i>Geophysical Research Letters</i> , 2017, 44, 5936-5942.	4.0	7
88	Dynamic response of the Martian ionosphere to an interplanetary shock: Mars Express and MAVEN observations. <i>Geophysical Research Letters</i> , 2017, 44, 9116-9123.	4.0	14
89	Ion Heating in the Martian Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,612.	2.4	8
90	On the origins of magnetic flux ropes in near-Mars magnetotail current sheets. <i>Geophysical Research Letters</i> , 2017, 44, 7653-7662.	4.0	28

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91	Proton cyclotron waves occurrence rate upstream from Mars observed by MAVEN: Associated variability of the Martian upper atmosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,113.	2.4	50
92	MAVEN observations of electron-induced whistler mode waves in the Martian magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9717-9731.	2.4	27
93	MAVEN observations of magnetic flux ropes with a strong field amplitude in the Martian magnetosheath during the ICME passage on 8 March 2015. <i>Geophysical Research Letters</i> , 2016, 43, 4816-4824.	4.0	14
94	Plasma clouds and snowplows: Bulk plasma escape from Mars observed by MAVEN. <i>Geophysical Research Letters</i> , 2016, 43, 1426-1434.	4.0	36
95	MAVEN observations of partially developed Kelvin-Helmholtz vortices at Mars. <i>Geophysical Research Letters</i> , 2016, 43, 4763-4773.	4.0	38
96	MAVEN observation of an obliquely propagating low-frequency wave upstream of Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2374-2389.	2.4	19
97	Space Weather Storm Responses at Mars: Lessons from A Weakly Magnetized Terrestrial Planet. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 211-217.	0.0	0
98	MAVEN observations of energy-time dispersed electron signatures in Martian crustal magnetic fields. <i>Geophysical Research Letters</i> , 2016, 43, 939-944.	4.0	18
99	The MAVEN Magnetic Field Investigation. <i>Space Science Reviews</i> , 2015, 195, 257-291.	8.1	371
100	Magnetotail dynamics at Mars: Initial MAVEN observations. <i>Geophysical Research Letters</i> , 2015, 42, 8828-8837.	4.0	52
101	Response of Mars O ⁺ pickup ions to the 8 March 2015 ICME: Inferences from MAVEN data-based models. <i>Geophysical Research Letters</i> , 2015, 42, 9095-9102.	4.0	47
102	Low-frequency waves in the Martian magnetosphere and their response to upstream solar wind driving conditions. <i>Geophysical Research Letters</i> , 2015, 42, 8917-8924.	4.0	45
103	MAVEN observations of solar wind hydrogen deposition in the atmosphere of Mars. <i>Geophysical Research Letters</i> , 2015, 42, 8901-8909.	4.0	78
104	Multifluid MHD study of the solar wind interaction with Mars' upper atmosphere during the 2015 March 8th ICME event. <i>Geophysical Research Letters</i> , 2015, 42, 9103-9112.	4.0	54
105	First results of the MAVEN magnetic field investigation. <i>Geophysical Research Letters</i> , 2015, 42, 8819-8827.	4.0	102
106	Ionopause-like density gradients in the Martian ionosphere: A first look with MAVEN. <i>Geophysical Research Letters</i> , 2015, 42, 8885-8893.	4.0	42
107	Time-dispersed ion signatures observed in the Martian magnetosphere by MAVEN. <i>Geophysical Research Letters</i> , 2015, 42, 8910-8916.	4.0	25
108	Altitude dependence of nightside Martian suprathermal electron depletions as revealed by MAVEN observations. <i>Geophysical Research Letters</i> , 2015, 42, 8877-8884.	4.0	41

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109	MHD model results of solar wind interaction with Mars and comparison with MAVEN plasma observations. <i>Geophysical Research Letters</i> , 2015, 42, 9113-9120.	4.0	58
110	Magnetic reconnection in the near-Mars magnetotail: MAVEN observations. <i>Geophysical Research Letters</i> , 2015, 42, 8838-8845.	4.0	59
111	Marsward and tailward ions in the near-Mars magnetotail: MAVEN observations. <i>Geophysical Research Letters</i> , 2015, 42, 8925-8932.	4.0	34
112	Estimation of the spatial structure of a detached magnetic flux rope at Mars based on simultaneous MAVEN plasma and magnetic field observations. <i>Geophysical Research Letters</i> , 2015, 42, 8933-8941.	4.0	17
113	Electric Mars: The first direct measurement of an upper limit for the Martian "polar wind" electric potential. <i>Geophysical Research Letters</i> , 2015, 42, 9128-9134.	4.0	38
114	Implications of MAVEN Mars near-wake measurements and models. <i>Geophysical Research Letters</i> , 2015, 42, 9087-9094.	4.0	35
115	A hot flow anomaly at Mars. <i>Geophysical Research Letters</i> , 2015, 42, 9121-9127.	4.0	20
116	A comet engulfs Mars: MAVEN observations of comet Siding Spring's influence on the Martian magnetosphere. <i>Geophysical Research Letters</i> , 2015, 42, 8810-8818.	4.0	8
117	The Mars Atmosphere and Volatile Evolution (MAVEN) Mission. <i>Space Science Reviews</i> , 2015, 195, 3-48.	8.1	563
118	The impact of a slow interplanetary coronal mass ejection on Venus. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3489-3502.	2.4	14
119	MAVEN observations of the response of Mars to an interplanetary coronal mass ejection. <i>Science</i> , 2015, 350, aad0210.	12.6	166
120	Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. <i>Science</i> , 2015, 350, aad0459.	12.6	90
121	Test particle comparison of heavy atomic and molecular ion distributions at Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2328-2344.	2.4	21
122	The influence of production mechanisms on pickup ion loss at Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 554-569.	2.4	31
123	Lunar surface electric potential changes associated with traversals through the Earth's foreshock. <i>Planetary and Space Science</i> , 2011, 59, 1727-1743.	1.7	10
124	Radar absorption due to a corotating interaction region encounter with Mars detected by MARSIS. <i>Icarus</i> , 2010, 206, 95-103.	2.5	19
125	Dayside induced magnetic field in the ionosphere of Mars. <i>Icarus</i> , 2010, 206, 104-111.	2.5	46
126	Non-detection of impulsive radio signals from lightning in Martian dust storms using the radar receiver on the Mars Express spacecraft. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	25

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127	MARSIS subsurface radar investigations of the South Polar reentrant Chasma Australe. Journal of Geophysical Research, 2008, 113, .	3.3	13
128	Absorption of MARSIS radar signals: Solar energetic particles and the daytime ionosphere. Geophysical Research Letters, 2007, 34, .	4.0	35
129	ULF waves in planetary magnetospheres. Geophysical Monograph Series, 2006, , 341-359.	0.1	31
130	Measuring noise in magnetometers: An example using the Mars Global Surveyor magnetometers. Journal of Geophysical Research, 2006, 111, .	3.3	1
131	Initial observations of low-frequency magnetic fluctuations in the Martian ionosphere. Journal of Geophysical Research, 2006, 111, .	3.3	10
132	Electron oscillations in the induced martian magnetosphere. Icarus, 2006, 182, 360-370.	2.5	54
133	Mars Global Surveyor observations of the Halloween 2003 solar superstorm's encounter with Mars. Journal of Geophysical Research, 2005, 110, .	3.3	60
134	Low-frequency plasma oscillations at Mars during the October 2003 solar storm. Journal of Geophysical Research, 2005, 110, .	3.3	31
135	Observations of low-frequency magnetic oscillations in the Martian magnetosheath, magnetic pileup region, and tail. Journal of Geophysical Research, 2004, 109, .	3.3	85
136	On determining the nature and orientation of magnetic directional discontinuities: Problems with the minimum variance method. Journal of Geophysical Research, 2004, 109, .	3.3	15
137	X-ray excesses in GRB spectra. AIP Conference Proceedings, 2000, , .	0.4	1