Janet G Luhmann

List of Publications by Year
in descending order

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		6592	18606
343	19,192	79	119
papers	citations	h-index	g-index

349	349	349	5129
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Comparative Study of Magnetic Flux Ropes in the Nightside Induced Magnetosphere of Mars and Venus. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	3
2	Discrete Aurora on the Nightside of Mars: Occurrence Location and Probability. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	6
3	CMEs and SEPs During Novemberâ€“December 2020: A Challenge for Realâ€Time Space Weather Forecasting. Space Weather, 2022, 20, .	1.3	16
4	A Statistical Investigation of Factors Influencing the Magnetotail Twist at Mars. Geophysical Research Letters, 2022, 49, .	1.5	14
5	Venus and solar storms: Solar Energetic Particles, Stream Interaction Regions and Coronal Mass Ejections. , 2021, 53, .		0
6	Magnetic Topology at Venus: New Insights Into the Venus Plasma Environment. Geophysical Research Letters, 2021, 48, e2021GL095545.	1.5	4
7	Emirates Mars Mission Characterization of Mars Atmosphere Dynamics and Processes. Space Science Reviews, 2021, 217, .	3.7	23
8	MOSAIC: A Satellite Constellation to Enable Groundbreaking Mars Climate System Science and Prepare for Human Exploration. Planetary Science Journal, 2021, 2, 211.	1.5	6
9	Solar Wind Anomalies at 1 au and Their Associations with Large-scale Structures. Astrophysical Journal, 2021, 923, 105.	1.6	1
10	Impact of space weather on climate and habitability of terrestrial-type exoplanets. International Journal of Astrobiology, 2020, 19, 136-194.	0.9	125
11	Influence of the Solar Wind Dynamic Pressure on the Ion Precipitation: MAVEN Observations and Simulation Results. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028183.	0.8	6
12	The Streamer Blowout Origin of a Flux Rope and Energetic Particle Event Observed by Parker Solar Probe at 0.5 au. Astrophysical Journal, 2020, 897, 134.	1.6	14
13	Superthermal Electron Deposition on the Mars Nightside During ICMEs. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028430.	0.8	3
14	Formation and Evolution of the Largeâ€Scale Magnetic Fields in Venus' Ionosphere: Results From a Three Dimensional Global Multispecies MHD Model. Geophysical Research Letters, 2020, 47, e2020GL087593.	1.5	12
15	Analysis of the Internal Structure of the Streamer Blowout Observed by the Parker Solar Probe During the First Solar Encounter. Astrophysical Journal, Supplement Series, 2020, 246, 63.	3.0	34
16	Characterizing Mars's Magnetotail Topology With Respect to the Upstream Interplanetary Magnetic Fields. Journal of Geophysical Research: Space Physics, 2020, 125, no.	0.8	21
17	Source and Propagation of a Streamer Blowout Coronal Mass Ejection Observed by the Parker Solar Probe. Astrophysical Journal, Supplement Series, 2020, 246, 69.	3.0	29
18	ICME Evolution in the Inner Heliosphere. Solar Physics, 2020, 295, 1.	1.0	37

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19	Variability of the Solar Wind Flow Asymmetry in the Martian Magnetosheath Observed by MAVEN. Geophysical Research Letters, 2020, 47, .	1.5	9
20	Influence of Extreme Ultraviolet Irradiance Variations on the Precipitating Ion Flux From MAVEN Observations. Geophysical Research Letters, 2019, 46, 7761-7768.	1.5	5
21	The Solar Clock. Reviews of Geophysics, 2019, 57, 1129-1145.	9.0	5
22	First In Situ Evidence of Mars Nonthermal Exosphere. Geophysical Research Letters, 2019, 46, 4144-4150.	1.5	7
23	Solar Terrestrial Relations Observatory (STEREO) Observations of Stream Interaction Regions in 2007â€‰â€“â€‰2016: Relationship with Heliospheric Current Sheets, Solar Cycle Variations, and Dual Observations. Solar Physics, 2019, 294, 1.	1.0	48
24	The Penetration of Draped Magnetic Field Into the Martian Upper Ionosphere and Correlations With Upstream Solar Wind Dynamic Pressure. Journal of Geophysical Research: Space Physics, 2019, 124, 3021-3035.	0.8	8
25	Magnetic Topology Response to the 2003 Halloween ICME Event at Mars. Journal of Geophysical Research: Space Physics, 2019, 124, 151-165.	0.8	18
26	A Clock in the Sun?. Proceedings of the International Astronomical Union, 2019, 15, 127-133.	0.0	0
27	Solar activity influences on planetary atmosphere evolution: Lessons from observations at Venus, Earth, and Mars. Proceedings of the International Astronomical Union, 2019, 15, 241-258.	0.0	0
28	Variability of Precipitating Ion Fluxes During the September 2017 Event at Mars. Journal of Geophysical Research: Space Physics, 2019, 124, 420-432.	0.8	6
29	Seasonal Variability of Neutral Escape from Mars as Derived From MAVEN Pickup Ion Observations. Journal of Geophysical Research E: Planets, 2018, 123, 1192-1202.	1.5	38
30	Autocorrelation Study of Solar Wind Plasma and IMF Properties as Measured by the MAVEN Spacecraft. Journal of Geophysical Research: Space Physics, 2018, 123, 2493-2512.	0.8	26
31	On Mars's Atmospheric Sputtering After MAVEN's First Martian Year of Measurements. Geophysical Research Letters, 2018, 45, 4685-4691.	1.5	25
32	The Morphology of the Solar Wind Magnetic Field Draping on the Dayside of Mars and Its Variability. Geophysical Research Letters, 2018, 45, 3356-3365.	1.5	39
33	STEREO Observations of Interplanetary Coronal Mass Ejections in 2007â€“2016. Astrophysical Journal, 2018, 855, 114.	1.6	55
34	Structure and Variability of the Martian Ion Composition Boundary Layer. Journal of Geophysical Research: Space Physics, 2018, 123, 8439-8458.	0.8	24
35	Evidence for Crustal Magnetic Field Control of Ions Precipitating Into the Upper Atmosphere of Mars. Journal of Geophysical Research: Space Physics, 2018, 123, 8572-8586.	0.8	16
36	Statistical Study of the Energetic Proton Environment at Titan's Orbit From the Cassini Spacecraft. Journal of Geophysical Research: Space Physics, 2018, 123, 4820-4834.	0.8	8

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37	Investigation of Martian Magnetic Topology Response to 2017 September ICME. Geophysical Research Letters, 2018, 45, 7337-7346.	1.5	39
38	Solar Wind Interaction With the Martian Upper Atmosphere: Roles of the Cold Thermosphere and Hot Oxygen Corona. Journal of Geophysical Research: Space Physics, 2018, 123, 6639-6654.	0.8	14
39	Magnetic Clouds: Solar Cycle Dependence, Sources, and Geomagnetic Impacts. Solar Physics, 2018, 293, 135.	1.0	22
40	Modeling Martian Atmospheric Losses over Time: Implications for Exoplanetary Climate Evolution and Habitability. Astrophysical Journal Letters, 2018, 859, L14.	3.0	51
41	The Impact and Solar Wind Proxy of the 2017 September ICME Event at Mars. Geophysical Research Letters, 2018, 45, 7248-7256.	1.5	29
42	Loss of the Martian atmosphere to space: Present-day loss rates determined from MAVEN observations and integrated loss through time. Icarus, 2018, 315, 146-157.	1.1	216
43	The Twisted Configuration of the Martian Magnetotail: MAVEN Observations. Geophysical Research Letters, 2018, 45, 4559-4568.	1.5	66
44	Shock Connectivity and the Late Cycle 24 Solar Energetic Particle Events in July and September 2017. Space Weather, 2018, 16, 557-568.	1.3	34
45	Responses of the Martian Magnetosphere to an Interplanetary Coronal Mass Ejection: MAVEN Observations and LatHyS Results. Geophysical Research Letters, 2018, 45, 7891-7900.	1.5	19
46	Observations and Impacts of the 10 September 2017 Solar Events at Mars: An Overview and Synthesis of the Initial Results. Geophysical Research Letters, 2018, 45, 8871-8885.	1.5	77
47	Martian lowâ€altitude magnetic topology deduced from MAVEN/SWEA observations. Journal of Geophysical Research: Space Physics, 2017, 122, 1831-1852.	0.8	107
48	Structure, dynamics, and seasonal variability of the Marsâ€solar wind interaction: MAVEN Solar Wind Ion Analyzer inâ€flight performance and science results. Journal of Geophysical Research: Space Physics, 2017, 122, 547-578.	0.8	191
49	MAVEN observations on a hemispheric asymmetry of precipitating ions toward the Martian upper atmosphere according to the upstream solar wind electric field. Journal of Geophysical Research: Space Physics, 2017, 122, 1083-1101.	0.8	19
50	MAVEN observations of the solar cycle 24 space weather conditions at Mars. Journal of Geophysical Research: Space Physics, 2017, 122, 2768-2794.	0.8	78
51	Martian magnetic storms. Journal of Geophysical Research: Space Physics, 2017, 122, 6185-6209.	0.8	40
52	The Dependence of the Cerean Exosphere on Solar Energetic Particle Events. Astrophysical Journal Letters, 2017, 838, L8.	3.0	41
53	MAVEN observations of a giant ionospheric flux rope near Mars resulting from interaction between the crustal and interplanetary draped magnetic fields. Journal of Geophysical Research: Space Physics, 2017, 122, 828-842.	0.8	21
54	Hot oxygen escape from Mars: Simple scaling with solar EUV irradiance. Journal of Geophysical Research: Space Physics, 2017, 122, 1102-1116.	0.8	40

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55	Highâ€Altitude Closed Magnetic Loops at Mars Observed by MAVEN. Geophysical Research Letters, 2017, 44, 11,229.	1.5	26
56	Solar Wind Interaction and Impact on the Venus Atmosphere. Space Science Reviews, 2017, 212, 1453-1509.	3.7	79
57	The Martian Photoelectron Boundary as Seen by MAVEN. Journal of Geophysical Research: Space Physics, 2017, 122, 10,472.	0.8	28
58	Modeling solar energetic particle events using ENLIL heliosphere simulations. Space Weather, 2017, 15, 934-954.	1.3	35
59	On the Origins of Mars' Exospheric Nonthermal Oxygen Component as Observed by MAVEN and Modeled by HELIOSARES. Journal of Geophysical Research E: Planets, 2017, 122, 2401-2428.	1.5	27
60	Flows, Fields, and Forces in the Marsâ€Solar Wind Interaction. Journal of Geophysical Research: Space Physics, 2017, 122, 11,320.	0.8	64
61	Comparative study of the Martian suprathermal electron depletions based on Mars Global Surveyor, Mars Express, and Mars Atmosphere and Volatile EvolutioN mission observations. Journal of Geophysical Research: Space Physics, 2017, 122, 857-873.	0.8	28
62	Prospects for Modeling and Forecasting SEP Events with ENLIL and SEPMOD. Proceedings of the International Astronomical Union, 2017, 13, 263-267.	0.0	0
63	On the origins of magnetic flux ropes in nearâ€Mars magnetotail current sheets. Geophysical Research Letters, 2017, 44, 7653-7662.	1.5	28
64	Searching for Extreme SEP Events with STEREO. , 2017, , .		2
65	ON SUN-TO-EARTH PROPAGATION OF CORONAL MASS EJECTIONS: II. SLOW EVENTS AND COMPARISON WITH OTHERS. Astrophysical Journal, Supplement Series, 2016, 222, 23.	3.0	51
66	Solar control of the Martian magnetic topology: Implications from model-data comparisons. Planetary and Space Science, 2016, 128, 1-13.	0.9	7
67	MAVEN observations of magnetic flux ropes with a strong field amplitude in the Martian magnetosheath during the ICME passage on 8 March 2015. Geophysical Research Letters, 2016, 43, 4816-4824.	1.5	14
68	Interplanetary shocks and foreshocks observed by STEREO during 2007â€“2010. Journal of Geophysical Research: Space Physics, 2016, 121, 992-1008.	0.8	34
69	Continuous solar wind forcing knowledge: Providing continuous conditions at Mars with the WSAâ€ENLILâ€‰+â€‰Cone model. Journal of Geophysical Research: Space Physics, 2016, 121, 6207-6222.	0.8	10
70	Small solar wind transients at 1ÂAU: STEREO observations (2007â€“2014) and comparison with nearâ€Earth wind results (1995â€“2014). Journal of Geophysical Research: Space Physics, 2016, 121, 5005-5024.	0.8	33
71	Shadowing and anisotropy of solar energetic ions at Mars measured by MAVEN during the March 2015 solar storm. Journal of Geophysical Research: Space Physics, 2016, 121, 2818-2829.	0.8	16
72	A model for stealth coronal mass ejections. Journal of Geophysical Research: Space Physics, 2016, 121, 10,677.	0.8	48

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73	Carrington Class Solar Events and How to Recognize Them. Proceedings of the International Astronomical Union, 2016, 12, 204-210.	0.0	1
74	Space Weather Storm Responses at Mars: Lessons from A Weakly Magnetized Terrestrial Planet. Proceedings of the International Astronomical Union, 2016, 12, 211-217.	0.0	0
75	Dynamics of planetary ions in the induced magnetospheres of Venus and Mars. Planetary and Space Science, 2016, 127, 1-14.	0.9	22
76	SHOCK CONNECTIVITY IN THE 2010 AUGUST AND 2012 JULY SOLAR ENERGETIC PARTICLE EVENTS INFERRED FROM OBSERVATIONS AND ENLIL MODELING. Astrophysical Journal, 2016, 825, 1.	1.6	37
77	Characterizing Atmospheric Escape from Mars Today and Through Time, with MAVEN. Space Science Reviews, 2015, 195, 357-422.	3.7	99
78	Response of Mars O⁺ pickup ions to the 8 March 2015 ICME: Inferences from MAVEN dataâ€based models. Geophysical Research Letters, 2015, 42, 9095-9102.	1.5	47
79	Statistical study of magnetic cloud erosion by magnetic reconnection. Journal of Geophysical Research: Space Physics, 2015, 120, 43-60.	0.8	106
80	Strong plume fluxes at Mars observed by MAVEN: An important planetary ion escape channel. Geophysical Research Letters, 2015, 42, 8942-8950.	1.5	143
81	MAVEN observations of solar wind hydrogen deposition in the atmosphere of Mars. Geophysical Research Letters, 2015, 42, 8901-8909.	1.5	78
82	Multifluid MHD study of the solar wind interaction with Mars' upper atmosphere during the 2015 March 8th ICME event. Geophysical Research Letters, 2015, 42, 9103-9112.	1.5	54
83	Altitude dependence of nightside Martian suprathermal electron depletions as revealed by MAVEN observations. Geophysical Research Letters, 2015, 42, 8877-8884.	1.5	41
84	The MAVEN Solar Energetic Particle Investigation. Space Science Reviews, 2015, 195, 153-172.	3.7	79
85	The Venusâ€“solar wind interaction: Is it purely ionospheric?. Planetary and Space Science, 2015, 119, 36-42.	0.9	9
86	Mars heavy ion precipitating flux as measured by Mars Atmosphere and Volatile EvolutioN. Geophysical Research Letters, 2015, 42, 9135-9141.	1.5	39
87	Implications of MAVEN Mars nearâ€wake measurements and models. Geophysical Research Letters, 2015, 42, 9087-9094.	1.5	35
88	Initial results from the MAVEN mission to Mars. Geophysical Research Letters, 2015, 42, 8791-8802.	1.5	101
89	The spatial distribution of planetary ion fluxes near Mars observed by MAVEN. Geophysical Research Letters, 2015, 42, 9142-9148.	1.5	115
90	Statistical studies on Mars atmospheric sputtering by precipitating pickup O⁺: Preparation for the MAVEN mission. Journal of Geophysical Research E: Planets, 2015, 120, 34-50.	1.5	26

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91	The Aeronomy of Mars: Characterization by MAVEN of the Upper Atmosphere Reservoir That Regulates Volatile Escape. Space Science Reviews, 2015, 195, 423-456.	3.7	63
92	Solar wind interaction effects on the magnetic fields around Mars: Consequences for interplanetary and crustal field measurements. Planetary and Space Science, 2015, 117, 15-23.	0.9	16
93	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.	0.8	15
94	Lowâ€frequency waves within isolated magnetic clouds and complex structures: STEREO observations. Journal of Geophysical Research: Space Physics, 2015, 120, 2363-2381.	0.8	10
95	The Mars Atmosphere and Volatile Evolution (MAVEN) Mission. Space Science Reviews, 2015, 195, 3-48.	3.7	563
96	MAVEN observations of the response of Mars to an interplanetary coronal mass ejection. Science, 2015, 350, aad0210.	6.0	166
97	Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. Science, 2015, 350, aad0459.	6.0	90
98	Comparative pick-up ion distributions at Mars and Venus: Consequences for atmospheric deposition and escape. Planetary and Space Science, 2015, 115, 35-47.	0.9	51
99	PLASMA AND MAGNETIC FIELD CHARACTERISTICS OF SOLAR CORONAL MASS EJECTIONS IN RELATION TO GEOMAGNETIC STORM INTENSITY AND VARIABILITY. Astrophysical Journal Letters, 2015, 809, L34.	3.0	81
100	Solar wind control of the terrestrial magnetotail as seen by STEREO. Journal of Geophysical Research: Space Physics, 2014, 119, 6342-6355.	0.8	10
101	Ninety degrees pitch angle enhancements of suprathermal electrons associated with interplanetary shocks. Journal of Geophysical Research: Space Physics, 2014, 119, 7038-7060.	0.8	7
102	SUN-TO-EARTH CHARACTERISTICS OF TWO CORONAL MASS EJECTIONS INTERACTING NEAR 1 AU: FORMATION OF A COMPLEX EJECTA AND GENERATION OF A TWO-STEP GEOMAGNETIC STORM. Astrophysical Journal Letters, 2014, 793, L41.	3.0	57
103	Observations of an extreme storm in interplanetary space caused by successive coronal mass ejections. Nature Communications, 2014, 5, 3481.	5.8	223
104	A statistical analysis of properties of small transients in the solar wind 2007â€“2009: STEREO and Wind observations. Journal of Geophysical Research: Space Physics, 2014, 119, 689-708.	0.8	51
105	CONNECTING SPEEDS, DIRECTIONS AND ARRIVAL TIMES OF 22 CORONAL MASS EJECTIONS FROM THE SUN TO 1 AU. Astrophysical Journal, 2014, 787, 119.	1.6	145
106	Why have geomagnetic storms been so weak during the recent solar minimum and the rising phase of cycle 24?. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 107, 12-19.	0.6	30
107	Magnetic clouds and origins in STEREO era. Journal of Geophysical Research: Space Physics, 2014, 119, 3237-3246.	0.8	24
108	A statistical analysis of heliospheric plasma sheets, heliospheric current sheets, and sector boundaries observed in situ by STEREO. Journal of Geophysical Research: Space Physics, 2014, 119, 8721-8732.	0.8	30

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109	Modeling of the O⁺ pickup ion sputtering efficiency dependence on solar wind conditions for the Martian atmosphere. Journal of Geophysical Research E: Planets, 2014, 119, 93-108.	1.5	23
110	Effects of crustal field rotation on the solar wind plasma interaction with Mars. Geophysical Research Letters, 2014, 41, 6563-6569.	1.5	80
111	Solar origins of solar wind properties during the cycle 23 solar minimum and rising phase of cycle 24. Journal of Advanced Research, 2013, 4, 221-228.	4.4	17
112	The Magnetopause Counterpart at the Weakly Magnetized Planets: The Ionopause. Geophysical Monograph Series, 2013, , 71-79.	0.1	2
113	Mirrorâ€mode storms inside stream interaction regions and in the ambient solar wind: A kinetic study. Journal of Geophysical Research: Space Physics, 2013, 118, 17-28.	0.8	11
114	ON SUN-TO-EARTH PROPAGATION OF CORONAL MASS EJECTIONS. Astrophysical Journal, 2013, 769, 45.	1.6	120
115	Solar wind observations at STEREO: 2007 - 2011. , 2013, , .		28
116	Large scale solar wind structure: Non-dipolar features and consequences. , 2013, , .		0
117	Small solar wind transients: Stereo-A observations in 2009. AIP Conference Proceedings, 2013, , .	0.3	2
118	THE VERY UNUSUAL INTERPLANETARY CORONAL MASS EJECTION OF 2012 JULY 23: A BLAST WAVE MEDIATED BY SOLAR ENERGETIC PARTICLES. Astrophysical Journal, 2013, 770, 38.	1.6	123
119	The importance of pickup oxygen ion precipitation to the Mars upper atmosphere under extreme solar wind conditions. Geophysical Research Letters, 2013, 40, 1922-1927.	1.5	45
120	The Inner Heliosphere at Fifty. Eos, 2013, 94, 329-330.	0.1	0
121	Long Term Variations in the Solar Wind of Importance to ULF Phenomena. Geophysical Monograph Series, 2013, , 67-74.	0.1	3
122	Characteristics of Cometary Picked-Up Ions in a Global Model of Giacobini-Zinner. Special Publications, 2013, , 8536-8544.	0.0	0
123	On the relationship between magnetic cloud field polarity and geoeffectiveness. Annales Geophysicae, 2012, 30, 1037-1050.	0.6	27
124	INTERACTIONS BETWEEN CORONAL MASS EJECTIONS VIEWED IN COORDINATED IMAGING AND IN SITU OBSERVATIONS. Astrophysical Journal Letters, 2012, 746, L15.	3.0	99
125	Investigation of Mars' ionospheric response to solar energetic particle events. Journal of Geophysical Research, 2012, 117, .	3.3	26
126	Issues in heliospheric field mapping to flare SEP sources. AIP Conference Proceedings, 2012, , .	0.3	6

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127	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.	1.6	109
128	QUIET-TIME INTERPLANETARY â^¼2-20 keV SUPERHALO ELECTRONS AT SOLAR MINIMUM. Astrophysical Journal Letters, 2012, 753, L23.	3.0	114
129	Deep Solar Activity Minimum 2007â€‰â€“â€‰2009: Solar Wind Properties and Major Effects on the Terrestrial Magnetosphere. Solar Physics, 2012, 281, 461.	1.0	4
130	The Heliospheric Plasma Sheet Observed in situ by Three Spacecraft over Four Solar Rotations. Solar Physics, 2012, 281, 423.	1.0	19
131	Observations of ICMEs and ICME-like Solar Wind Structures from 2007â€‰â€“â€‰2010 Using Near-Earth and STEREO Observations. Solar Physics, 2012, 281, 391.	1.0	30
132	Multispacecraft observation of magnetic cloud erosion by magnetic reconnection during propagation. Journal of Geophysical Research, 2012, 117, .	3.3	143
133	Interpreting some properties of CIRs and their associated shocks during the last two solar minima using global MHD simulations. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 83, 11-21.	0.6	12
134	Waves upstream and downstream of interplanetary shocks driven by coronal mass ejections. Journal of Geophysical Research, 2012, 117, .	3.3	53
135	Evidence for superthermal secondary electrons produced by SEP ionization in the Martian atmosphere. Journal of Geophysical Research, 2012, 117, .	3.3	17
136	Energetic particles detected by the Electron Reflectometer instrument on the Mars Global Surveyor, 1999â€“2006. Space Weather, 2012, 10, .	1.3	23
137	The Radial Variation of Interplanetary Shocks in the Inner Heliosphere: Observations by Helios, MESSENGER, and STEREO. Solar Physics, 2012, 278, 421-433.	1.0	10
138	Comparisons of Cassini flybys of the Titan magnetospheric interaction with an MHD model: Evidence for organized behavior at high altitudes. Icarus, 2012, 217, 43-54.	1.1	8
139	Investigating magnetospheric interaction effects on Titanâ€™s ionosphere with the Cassini orbiter Ion Neutral Mass Spectrometer, Langmuir Probe and magnetometer observations during targeted flybys. Icarus, 2012, 219, 534-555.	1.1	15
140	Interplanetary Signatures of Unipolar Streamers and the Origin of the Slow Solar Wind. Solar Physics, 2012, 277, 355-373.	1.0	81
141	Far tail (255R_E) fast response to very weak magnetic activity. Journal of Geophysical Research, 2011, 116, .	3.3	3
142	Titan's thermospheric response to various plasma environments. Journal of Geophysical Research, 2011, 116, .	3.3	73
143	Dual observations of interplanetary shocks associated with stream interaction regions. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	9
144	Atmospheric erosion of Venus during stormy space weather. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	60

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145	SOLAR SOURCE AND HELIOSPHERIC CONSEQUENCES OF THE 2010 APRIL 3 CORONAL MASS EJECTION: A COMPREHENSIVE VIEW. Astrophysical Journal, 2011, 734, 84.	1.6	78
146	Interplanetary conditions: lessons from this minimum. Proceedings of the International Astronomical Union, 2011, 7, 168-178.	0.0	3
147	ARRIVAL TIME CALCULATION FOR INTERPLANETARY CORONAL MASS EJECTIONS WITH CIRCULAR FRONTS AND APPLICATION TOSTEREOOBSERVATIONS OF THE 2009 FEBRUARY 13 ERUPTION. Astrophysical Journal, 2011, 741, 34.	1.6	51
148	PLASMOID RELEASES IN THE HELIOSPHERIC CURRENT SHEET AND ASSOCIATED CORONAL HOLE BOUNDARY LAYER EVOLUTION. Astrophysical Journal, 2011, 737, 16.	1.6	32
149	Global MHD Modeling of the Solar Corona and Inner Heliosphere for the Whole Heliosphere Interval. Solar Physics, 2011, 274, 361-377.	1.0	114
150	Coronal Field Opens at Lower Height During the Solar Cycles 22 and 23 Minimum Periods: IMF Comparison Suggests the Source Surface Should Be Lowered. Solar Physics, 2011, 269, 367-388.	1.0	87
151	Cyclic Reversal of Magnetic Cloud Poloidal Field. Solar Physics, 2011, 270, 331-346.	1.0	25
152	Comparing Solar Minimum 23/24 with Historical Solar Wind Records at 1 AU. Solar Physics, 2011, 274, 321-344.	1.0	128
153	Comparison of Observations at ACE and Ulysses with Enlil Model Results: Stream Interaction Regions During Carrington Rotations 2016â€‰â€“â€‰2018. Solar Physics, 2011, 273, 179-203.	1.0	53
154	The IMPACT Solar Wind Electron Analyzer (SWEA): Reconstruction of the SWEA Transmission Function by Numerical Simulation and Data Analysis. Space Science Reviews, 2011, 161, 49-62.	3.7	11
155	Multiple, distant (40Â°) in situ observations of a magnetic cloud and a corotating interaction region complex. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 1254-1269.	0.6	56
156	Multipoint ICME encounters: Pre-STEREO and STEREO observations. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 1228-1241.	0.6	77
157	Interplanetary coronal mass ejections in the near-Earth solar wind during the minimum periods following solar cycles 22 and 23. Annales Geophysicae, 2011, 29, 1455-1467.	0.6	25
158	A comparison of global models for the solar wind interaction with Mars. Icarus, 2010, 206, 139-151.	1.1	108
159	Investigation of the force balance in the Titan ionosphere: Cassini T5 flyby model/data comparisons. Icarus, 2010, 210, 867-880.	1.1	13
160	Cone model-based SEP event calculations for applications to multipoint observations. Advances in Space Research, 2010, 46, 1-21.	1.2	61
161	Sequential Coronal Mass Ejections from AR8038 inÂMayÂ1997. Solar Physics, 2010, 264, 149-164.	1.0	15
162	Organization of Energetic Particles by the Solar Wind Structure During the Declining to Minimum Phase ofÂSolar Cycle 23. Solar Physics, 2010, 263, 239-261.	1.0	12

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163	Temporal Evolution of the Solar-Wind Electron Core Density at Solar Minimum by Correlating SWEA Measurements from STEREO A and B. Solar Physics, 2010, 266, 369-377.	1.0	5
164	Interplanetary coronal mass ejection influence on high energy pick-up ions at Venus. Planetary and Space Science, 2010, 58, 1784-1791.	0.9	27
165	On the effect of the martian crustal magnetic field on atmospheric erosion. Icarus, 2010, 206, 130-138.	1.1	57
166	LOW-LATITUDE CORONAL HOLES AT THE MINIMUM OF THE 23rd SOLAR CYCLE. Astrophysical Journal, 2010, 712, 813-818.	1.6	70
167	RECONSTRUCTING CORONAL MASS EJECTIONS WITH COORDINATED IMAGING AND IN SITU OBSERVATIONS: GLOBAL STRUCTURE, KINEMATICS, AND IMPLICATIONS FOR SPACE WEATHER FORECASTING. Astrophysical Journal, 2010, 722, 1762-1777.	1.6	128
168	Statistics of counter-streaming solar wind suprathermal electrons at solar minimum: STEREO observations. Annales Geophysicae, 2010, 28, 233-246.	0.6	24
169	He Pickup Ions in the Inner Heliosphereâ€"Diagnostics of the Local Interstellar Gas and of Interplanetary Conditions. AIP Conference Proceedings, 2010, , .	0.3	9
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