

Stephen E Milan

List of Publications by Year in descending order

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278
papers

8,810
citations

46918

47
h-index

76769

74
g-index

293
all docs

293
docs citations

293
times ranked

2919
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Energetic Particles on the Martian Ionosphere During a Full Solar Cycle of Radar Observations: Radar Blackouts. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	13
2	Transpolar Arcs: Seasonal Dependence Identified by an Automated Detection Algorithm. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
3	Statistical Analysis of Bifurcating Region 2 Field-Aligned Currents Using AMPERE. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, .	1.1	2
4	Occurrence Statistics of Horse Collar Aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	9
5	Influence of Off-Earth Line Distance on the Accuracy of L1 Solar Wind Monitoring. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
6	Lobe Reconnection and Cusp-Aligned Auroral Arcs. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	11
7	Magnetospheric Flux Throughput in the Dungey Cycle: Identification of Convection State During 2010. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028437.	0.8	26
8	Average Ionospheric Electric Field Morphologies During Geomagnetic Storm Phases. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028512.	0.8	9
9	Planetary Period Oscillations of Saturn's Dayside Equatorial Ionospheric Electron Density Observed on Cassini's Proximal Passes. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029332.	0.8	3
10	Field-Aligned Current During an Interval of B_{Y} -Dominated Interplanetary Field; Modeled-to-Observed Comparisons. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	0
11	An Improved Estimation of SuperDARN Heppner-Maynard Boundaries Using AMPERE Data. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027218.	0.8	9
12	The Evolution of Long-Duration Cusp Spot Emission During Lobe Reconnection With Respect to Field-Aligned Currents. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027922.	0.8	13
13	Dual-Lobe Reconnection and Horse-Collar Auroras. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028567.	0.8	21
14	Height-Integrated Ionospheric Conductances Parameterized By Interplanetary Magnetic Field and Substorm Phase. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028121.	0.8	10
15	The BepiColombo Mercury Imaging X-Ray Spectrometer: Science Goals, Instrument Performance and Operations. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	36
16	Do Statistical Models Capture the Dynamics of the Magnetopause During Sudden Magnetospheric Compressions?. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027289.	0.8	26
17	AMPERE polar cap boundaries. <i>Annales Geophysicae</i> , 2020, 38, 481-490.	0.6	14
18	An Explicit IMF B Dependence on Solar Wind-Magnetosphere Coupling. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086062.	1.5	21

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19	Aurora in the Polar Cap: A Review. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	33
20	Bifurcated Region 2 Field-Aligned Currents Associated With Substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027041.	0.8	7
21	A Ray Tracing Simulation of HF Ionospheric Radar Performance at African Equatorial Latitudes. <i>Radio Science</i> , 2020, 55, e2019RS006936.	0.8	9
22	Probing the Magnetic Structure of a Pair of Transpolar Arcs With a Solar Wind Pressure Step. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027196.	0.8	5
23	Concurrent Observations Of Magnetic Reconnection From Cluster, IMAGE and SuperDARN: A Comparison Of Reconnection Rates And Energy Conversion. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027264.	0.8	3
24	Dayside Aurora. <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	29
25	Observations of Asymmetric Lobe Convection for Weak and Strong Tail Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9999-10017.	0.8	10
26	Machine Learning Analysis of Jupiter's Far-Ultraviolet Auroral Morphology. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8884-8892.	0.8	4
27	Separation and Quantification of Ionospheric Convection Sources: 1. A New Technique. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6343-6357.	0.8	9
28	Separation and Quantification of Ionospheric Convection Sources: 2. The Dipole Tilt Angle Influence on Reverse Convection Cells During Northward IMF. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6182-6194.	0.8	13
29	Review of the accomplishments of mid-latitude Super Dual Auroral Radar Network (SuperDARN) HF radars. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	1.1	114
30	Origin of the Extended Mars Radar Blackout of September 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4556-4568.	0.8	27
31	Substorm Onset Latitude and the Steadiness of Magnetospheric Convection. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1738-1752.	0.8	17
32	Solar Influences on the Return Direction of High-Frequency Radar Backscatter. <i>Radio Science</i> , 2018, 53, 577-597.	0.8	7
33	How the IMF B_y Induces a Local B_z Component During Northward IMF B_z and Characteristic Timescales. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3333-3348.	0.8	27
34	A Study of Observations of Ionospheric Upwelling Made by the EISCAT Svalbard Radar During the International Polar Year Campaign of 2007. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2192-2203.	0.8	4
35	Seasonal and Temporal Variations of Field-Aligned Currents and Ground Magnetic Deflections During Substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2696-2713.	0.8	19
36	Interhemispheric Survey of Polar Cap Aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7283-7306.	0.8	16

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37	The asymmetric geospace as displayed during the geomagnetic storm on 17 August 2001. <i>Annales Geophysicae</i> , 2018, 36, 1577-1596.	0.6	18
38	Hubble Space Telescope Observations of Variations in Ganymede's Oxygen Atmosphere and Aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3777-3793.	0.8	16
39	A Statistical Survey of the 630-nm Optical Signature of Periodic Auroral Arcs Resulting From Magnetospheric Field Line Resonances. <i>Geophysical Research Letters</i> , 2018, 45, 4648-4655.	1.5	16
40	The Association of High-Latitude Dayside Aurora With NBZ Field-Aligned Currents. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3637-3645.	0.8	20
41	Observations of Asymmetries in Ionospheric Return Flow During Different Levels of Geomagnetic Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4638-4651.	0.8	19
42	Energetic Particle Showers Over Mars from Comet C/2013 A1 Siding Spring. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8778-8796.	0.8	11
43	Timescales of Dayside and Nightside Field-Aligned Current Response to Changes in Solar Wind-Magnetosphere Coupling. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7307-7319.	0.8	16
44	North-South Asymmetries in Earth's Magnetic Field. <i>Space Sciences Series of ISSI</i> , 2018, , 231-263.	0.0	0
45	Overview of Solar Wind-Magnetosphere-Ionosphere-Atmosphere Coupling and the Generation of Magnetospheric Currents. <i>Space Sciences Series of ISSI</i> , 2018, , 555-581.	0.0	0
46	Key Ground-Based and Space-Based Assets to Disentangle Magnetic Field Sources in the Earth's Environment. <i>Space Sciences Series of ISSI</i> , 2018, , 125-158.	0.0	1
47	Magnetospheric response and reconfiguration times following IMF B_y reversals. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 417-431.	0.8	35
48	An analysis of magnetic reconnection events and their associated auroral enhancements. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2922-2935.	0.8	1
49	Timescales for the penetration of IMF B_y into the Earth's magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 579-593.	0.8	35
50	Testing nowcasts of the ionospheric convection from the expanding and contracting polar cap model. <i>Space Weather</i> , 2017, 15, 623-636.	1.3	12
51	Comparative study of large-scale auroral signatures of substorms, steady magnetospheric convection events, and sawtooth events. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6357-6373.	0.8	19
52	Transpolar arcs observed simultaneously in both hemispheres. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6107-6120.	0.8	19
53	How Much Flux Does a Flux Transfer Event Transfer?. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,310.	0.8	28
54	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.	0.8	87

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55	Overview of Solar Windâ€™Magnetosphereâ€™Ionosphereâ€™Atmosphere Coupling and the Generation of Magnetospheric Currents. <i>Space Science Reviews</i> , 2017, 206, 547-573.	3.7	105
56	Key Ground-Based and Space-Based Assets to Disentangle Magnetic Field Sources in the Earthâ€™s Environment. <i>Space Science Reviews</i> , 2017, 206, 123-156.	3.7	14
57	Northâ€™South Asymmetries in Earthâ€™s Magnetic Field. <i>Space Science Reviews</i> , 2017, 206, 225-257.	3.7	81
58	Dayside and nightside magnetic field responses at 780 km altitude to dayside reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1670-1689.	0.8	18
59	The Influence of IMF Clock Angle on Dayside Flux Transfer Events at Mercury. <i>Geophysical Research Letters</i> , 2017, 44, 10,829.	1.5	9
60	Magnetic reconnection during steady magnetospheric convection and other magnetospheric modes. <i>Annales Geophysicae</i> , 2017, 35, 505-524.	0.6	6
61	Mars plasma system response to solar wind disturbances during solar minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6611-6634.	0.8	24
62	Evidence for transient, local ion foreshocks caused by dayside magnetopause reconnection. <i>Annales Geophysicae</i> , 2016, 34, 943-959.	0.6	30
63	One year in the Earth's magnetosphere: A global MHD simulation and spacecraft measurements. <i>Space Weather</i> , 2016, 14, 351-367.	1.3	13
64	Solar cycle variations in the ionosphere of Mars as seen by multiple Mars Express data sets. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2547-2568.	0.8	40
65	Seasonal and diurnal variations in AMPERE observations of the Birkeland currents compared to modeled results. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4027-4040.	0.8	76
66	Dynamic effects of restoring footpoint symmetry on closed magnetic field lines. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3963-3977.	0.8	24
67	What controls the local time extent of flux transfer events?. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1391-1401.	0.8	21
68	Magnetotail magnetic flux monitoring based on simultaneous solar wind and magnetotail observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8821-8839.	0.8	10
69	Joule heating hot spot at high latitudes in the afternoon sector. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7135-7152.	0.8	11
70	Modulation of the substorm current wedge by bursty bulk flows: 8 September 2002â€™Revisited. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4466-4482.	0.8	14
71	Average field-aligned current configuration parameterized by solar wind conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1294-1307.	0.8	45
72	The impact of sunlight on high-latitude equivalent currents. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2715-2726.	0.8	37

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73	Phase calibration of interferometer arrays at high-frequency radars. <i>Radio Science</i> , 2016, 51, 1445-1456.	0.8	13
74	Modeling the magnetospheric X-ray emission from solar wind charge exchange with verification from XMM-Newton observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4158-4179.	0.8	13
75	Stellar wind-magnetosphere interaction at exoplanets: computations of auroral radio powers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 2353-2366.	1.6	54
76	The changing polar ionosphere: A comparative climatology of solar cycles 23 and 24. , 2015, , .		0
77	Automatically determining the origin direction and propagation mode of high-frequency radar backscatter. <i>Radio Science</i> , 2015, 50, 1225-1245.	0.8	17
78	The interaction between transpolar arcs and cusp spots. <i>Geophysical Research Letters</i> , 2015, 42, 9685-9693.	1.5	25
79	The statistical difference between bending arcs and regular polar arcs. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 10,443.	0.8	28
80	Corotating Interaction Regions as Seen by the STEREO Heliospheric Imagers 2007-2010. <i>Solar Physics</i> , 2015, 290, 2291-2309.	1.0	6
81	Birkeland current effects on high-latitude ground magnetic field perturbations. <i>Geophysical Research Letters</i> , 2015, 42, 7248-7254.	1.5	29
82	How the IMF B_y induces a B_z component in the closed magnetosphere and how it leads to asymmetric currents and convection patterns in the two hemispheres. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 9368-9384.	0.8	90
83	Evidence of scale height variations in the Martian ionosphere over the solar cycle. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 10,913.	0.8	22
84	Principal component analysis of Birkeland currents determined by the Active Magnetosphere and Planetary Electrodynamics Response Experiment. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 10,415.	0.8	38
85	Defining and resolving current systems in geospace. <i>Annales Geophysicae</i> , 2015, 33, 1369-1402.	0.6	66
86	Are steady magnetospheric convection events prolonged substorms?. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1751-1758.	0.8	32
87	Dayside reconnection under interplanetary magnetic field B_y -dominated conditions: The formation and movement of bending arcs. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2967-2978.	0.8	22
88	Azimuthal velocity shear within an Earthward fast flow - further evidence for magnetotail untwisting?. <i>Annales Geophysicae</i> , 2015, 33, 245-255.	0.6	18
89	Sun et Lumi�re: Solar Wind-Magnetosphere Coupling as Deduced from Ionospheric Flows and Polar Auroras. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2015, , 33-64.	0.3	19
90	The influence of IMF clock angle timescales on the morphology of ionospheric convection. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5861-5876.	0.8	37

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91	Thermospheric density perturbations in response to substorms. Journal of Geophysical Research: Space Physics, 2014, 119, 4441-4455.	0.8	15
92	Saturn's elusive nightside polar arc. Geophysical Research Letters, 2014, 41, 6321-6328.	1.5	15
93	Intensity asymmetries in the dusk sector of the poleward auroral oval due to IMF B_z. Journal of Geophysical Research: Space Physics, 2014, 119, 9497-9507.	0.8	29
94	Event study combining magnetospheric and ionospheric perspectives of the substorm current wedge modeling. Journal of Geophysical Research: Space Physics, 2014, 119, 9714-9728.	0.8	15
95	The magnitudes of the regions 1 and 2 Birkeland currents observed by AMPERE and their role in solar wind-magnetosphere-ionosphere coupling. Journal of Geophysical Research: Space Physics, 2014, 119, 9804-9815.	0.8	56
96	Direct observation of closed magnetic flux trapped in the high-latitude magnetosphere. Science, 2014, 346, 1506-1510.	6.0	46
97	Statistical comparison of seasonal variations in the GUMICS-4 global MHD model ionosphere and measurements. Space Weather, 2014, 12, 582-600.	1.3	18
98	Large-Scale Structure and Dynamics of the Magnetotails of Mercury, Earth, Jupiter and Saturn. Space Science Reviews, 2014, 182, 85-154.	3.7	41
99	Assessing the Effect of Spacecraft Motion on Single-Spacecraft Solar Wind Tracking Techniques. Solar Physics, 2014, 289, 3935-3947.	1.0	6
100	A superposed epoch analysis of the regions 1 and 2 Birkeland currents observed by AMPERE during substorms. Journal of Geophysical Research: Space Physics, 2014, 119, 9834-9846.	0.8	48
101	ECLAT Cluster Spacecraft Magnetotail Plasma Region Identifications (2001-2009). Dataset Papers in Science, 2014, 2014, 1-13.	1.0	23
102	Temporal and spatial dynamics of the regions 1 and 2 Birkeland currents during substorms. Journal of Geophysical Research: Space Physics, 2013, 118, 3007-3016.	0.8	52
103	On the influence of open magnetic flux on substorm intensity: Ground- and space-based observations. Journal of Geophysical Research: Space Physics, 2013, 118, 2958-2969.	0.8	35
104	Solar cycle variations in polar cap area measured by the superDARN radars. Journal of Geophysical Research: Space Physics, 2013, 118, 6188-6196.	0.8	15
105	Large flow shears around auroral beads at substorm onset. Geophysical Research Letters, 2013, 40, 4987-4991.	1.5	21
106	Verification of the GUMICS-4 global MHD code using empirical relationships. Journal of Geophysical Research: Space Physics, 2013, 118, 3138-3146.	0.8	11
107	The Heppner-Maynard Boundary measured by SuperDARN as a proxy for the latitude of the auroral oval. Journal of Geophysical Research: Space Physics, 2013, 118, 685-697.	0.8	28
108	Modeling Birkeland currents in the expanding/contracting polar cap paradigm. Journal of Geophysical Research: Space Physics, 2013, 118, 5532-5542.	0.8	37

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109	Characteristics of medium-scale traveling ionospheric disturbances observed near the Antarctic Peninsula by HF radar. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5830-5841.	0.8	44
110	Traveling ionospheric disturbances in the Weddell Sea Anomaly associated with geomagnetic activity. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6608-6617.	0.8	5
111	Comparative magnetotail flapping: an overview of selected events at Earth, Jupiter and Saturn. <i>Annales Geophysicae</i> , 2013, 31, 817-833.	0.6	32
112	Relationship between interplanetary parameters and the magnetopause reconnection rate quantified from observations of the expanding polar cap. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	118
113	KuaFu: exploring the Sun-Earth connection. <i>Astronomy and Geophysics</i> , 2012, 53, 4.21-4.24.	0.1	5
114	Ionospheric flows relating to transpolar arc formation. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	31
115	Storm and substorm effects on magnetotail current sheet motion. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	12
116	The IMF dependence of the local time of transpolar arcs: Implications for formation mechanism. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	67
117	Global-scale observations of ionospheric convection variation in response to sudden increases in the solar wind dynamic pressure. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	9
118	Simultaneous ground-satellite observations of meso-scale auroral arc undulations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	6
119	Seasonal and clock angle control of the location of flux transfer event signatures at the magnetopause. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	26
120	Determining the axial direction of high-shear flux transfer events: Implications for models of FTE structure. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	22
121	The orientation and current density of the magnetotail current sheet: A statistical study of the effect of geomagnetic conditions. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	16
122	Comparison between SuperDARN flow vectors and equivalent ionospheric currents from ground magnetometer arrays. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	25
123	A quantitative deconstruction of the morphology of high-latitude ionospheric convection. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	10
124	Dynamics of the region 1 Birkeland current oval derived from the Active Magnetosphere and Planetary Electrodynamics Response Experiment (AMPERE). <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	75
125	AXIOM: Advanced X-ray imaging of the magnetosheath. <i>Astronomische Nachrichten</i> , 2012, 333, 388-392.	0.6	1
126	AXIOM: advanced X-ray imaging of the magnetosphere. <i>Experimental Astronomy</i> , 2012, 33, 403-443.	1.6	30

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127	Alfvén: magnetosphere-ionosphere connection explorers. <i>Experimental Astronomy</i> , 2012, 33, 445-489.	1.6	9
128	Tracking corotating interaction regions from the Sun through to the orbit of Mars using ACE, MEX, VEX, and STEREO. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	13
129	A superposed epoch investigation of the relation between magnetospheric solar wind driving and substorm dynamics with geosynchronous particle injection signatures. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	16
130	Geomagnetic storms over the last solar cycle: A superposed epoch analysis. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	54
131	Bifurcations of the main auroral ring at Saturn: ionospheric signatures of consecutive reconnection events at the magnetopause. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	69
132	Dynamic subauroral ionospheric electric fields observed by the Falkland Islands radar during the course of a geomagnetic storm. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	14
133	Global-scale observations of ionospheric convection during geomagnetic storms. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	12
134	Magnetic fields in a flap!. <i>Astronomy and Geophysics</i> , 2011, 52, 4.17-4.19.	0.1	0
135	A new way to study geomagnetic storms. <i>Astronomy and Geophysics</i> , 2011, 52, 4.20-4.23.	0.1	5
136	Winds and tides in the mid-latitude Southern Hemisphere upper mesosphere recorded with the Falkland Islands SuperDARN radar. <i>Annales Geophysicae</i> , 2011, 29, 1985-1996.	0.6	18
137	Magnetotails throughout the solar system. <i>Astronomy and Geophysics</i> , 2010, 51, 6.28-6.30.	0.1	0
138	Average auroral configuration parameterized by geomagnetic activity and solar wind conditions. <i>Annales Geophysicae</i> , 2010, 28, 1003-1012.	0.6	23
139	Comparison of the open-closed field line boundary location inferred using IMAGE-FUV SI12 images and EISCAT radar observations. <i>Annales Geophysicae</i> , 2010, 28, 883-892.	0.6	20
140	Effects of a solar wind dynamic pressure increase in the magnetosphere and in the ionosphere. <i>Annales Geophysicae</i> , 2010, 28, 1945-1959.	0.6	10
141	Pumping out the atmosphere of Mars through solar wind pressure pulses. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	88
142	A statistical study of the spatial distribution of Cooperative UK Twin Located Auroral Sounding System (CUTLASS) backscatter power during EISCAT heater beam-sweeping experiments. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	1
143	Comparison of the open-closed separatrix in a global magnetospheric simulation with observations: The role of the ring current. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	19
144	In situ observations of the effect of a solar wind compression on Saturn's magnetotail. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	33

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145	Plasma irregularities adjacent to auroral patches in the postmidnight sector. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	5
146	Asymmetry in the bipolar signatures of flux transfer events. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	8
147	A superposed epoch analysis of auroral evolution during substorms: Local time of onset region. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	30
148	Superposed epoch analysis of the ionospheric convection evolution during substorms: IMF dependence. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	38
149	Magnetospheric feedback in solar wind energy transfer. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	15
150	Combining incoherent scatter radar data and IRI-2007 to monitor the open-closed field line boundary during substorms. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	1
151	Mixed Azimuthal Scales of Flux Transfer Events. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 389-398.	0.3	12
152	Influences on the radius of the auroral oval. <i>Annales Geophysicae</i> , 2009, 27, 2913-2924.	0.6	82
153	Deriving solar transient characteristics from single spacecraft STEREO/HI elongation variations: a theoretical assessment of the technique. <i>Annales Geophysicae</i> , 2009, 27, 4359-4368.	0.6	25
154	A superposed epoch analysis of auroral evolution during substorm growth, onset and recovery: open magnetic flux control of substorm intensity. <i>Annales Geophysicae</i> , 2009, 27, 659-668.	0.6	72
155	Cusp observations during a sequence of fast IMF <math>B_z</math> reversals. <i>Annales Geophysicae</i> , 2009, 27, 2721-2737.	0.6	6
156	Superposed epoch analysis of the ionospheric convection evolution during substorms: onset latitude dependence. <i>Annales Geophysicae</i> , 2009, 27, 591-600.	0.6	52
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