

# Michael Lockwood

## List of Publications by Year in descending order

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396  
papers

16,123  
citations

16411

64  
h-index

30010

103  
g-index

408  
all docs

408  
docs citations

408  
times ranked

6260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying the Uncertainty in CME Kinematics Derived From Geometric Modeling of Heliospheric Imager Data. <i>Space Weather</i> , 2022, 20, .	1.3	6
2	Solar Windâ€™Magnetosphere Coupling Functions: Pitfalls, Limitations, and Applications. <i>Space Weather</i> , 2022, 20, .	1.3	19
3	In Praise of Mistakes. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, .	1.1	5
4	The Joined-up Magnetosphere. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, .	1.1	3
5	Reviewers in 2021. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2022, 478, 20220109.	1.0	0
6	Predictive Capabilities of Corotating Interaction Regions Using STEREO and <i>Wind</i> Inâ€™Situ Observations. <i>Space Weather</i> , 2022, 20, .	1.3	4
7	Rate of Change of Large-Scale Solar-Wind Structure. <i>Solar Physics</i> , 2022, 297, .	1.0	4
8	Estimating the Open Solar Flux from In-Situ Measurements. <i>Solar Physics</i> , 2022, 297, .	1.0	6
9	A space hurricane over the Earthâ€™s polar ionosphere. <i>Nature Communications</i> , 2021, 12, 1207.	5.8	21
10	Extreme Space-Weather Events and the Solar Cycle. <i>Solar Physics</i> , 2021, 296, 1.	1.0	23
11	Cosmic meteorology. <i>Astronomy and Geophysics</i> , 2021, 62, 3.12-3.19.	0.1	3
12	Forecasting Occurrence and Intensity of Geomagnetic Activity With Patternâ€™Matching Approaches. <i>Space Weather</i> , 2021, 19, e2020SW002624.	1.3	7
13	A Survey of 25â€™Years' Transpolar Voltage Data From the SuperDARN Radar Network and the Expandingâ€™Contracting Polar Cap Model. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029554.	0.8	18
14	A Signature of 27 day Solar Rotation in the Concentration of Metallic Ions within the Terrestrial Ionosphere. <i>Astrophysical Journal</i> , 2021, 916, 106.	1.6	12
15	Modeling the Observed Distortion of Multiple (Ghost) CME Fronts in STEREO Heliospheric Imagers. <i>Astrophysical Journal Letters</i> , 2021, 917, L16.	3.0	9
16	Semi-annual, annual and Universal Time variations in the magnetosphere and in geomagnetic activity: 4. Polar Cap motions and origins of the Universal Time effect. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 15.	1.1	15
17	Graphical evidence for the solar coronal structure during the Maunder minimum: comparative study of the total eclipse drawings in 1706 and 1715. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 1.	1.1	29
18	Evolving solar wind flow properties of magnetic inversions observed by <i>Helios</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5379-5392.	1.6	3

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19	On Optimum Solar Windâ€™Magnetosphere Coupling Functions for Transpolar Voltage and Planetary Geomagnetic Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029946.	0.8	27
20	Editorial: citation malpractice. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200746.	1.0	7
21	Rapid indirect solar responses observed in the lower atmosphere. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, .	1.0	8
22	Semi-annual, annual and Universal Time variations in the magnetosphere and in geomagnetic activity: 1. Geomagnetic data. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 23.	1.1	42
23	Placing limits on long-term variations in quiet-Sun irradiance and their contribution to total solar irradiance and solar radiative forcing of climate. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200077.	1.0	10
24	Precipitation Modification by Ionization. <i>Physical Review Letters</i> , 2020, 124, 198701.	2.9	11
25	The Value of CME Arrival Time Forecasts for Space Weather Mitigation. <i>Space Weather</i> , 2020, 18, e2020SW002507.	1.3	12
26	Radial Evolution of Sunward Strahl Electrons in the Inner Heliosphere. <i>Solar Physics</i> , 2020, 295, 1.	1.0	12
27	A Computationally Efficient, Time-Dependent Model of the Solar Wind for Use as a Surrogate to Three-Dimensional Numerical Magnetohydrodynamic Simulations. <i>Solar Physics</i> , 2020, 295, 1.	1.0	44
28	Multiple transpolar auroral arcs reveal insight about coupling processes in the Earthâ€™s magnetotail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16193-16198.	3.3	24
29	Signatures of Coronal Loop Opening via Interchange Reconnection in the Slow Solar Wind at 1 AU. <i>Solar Physics</i> , 2020, 295, 1.	1.0	21
30	Quantifying the latitudinal representivity of in situ solar wind observations. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 8.	1.1	11
31	The evolution of inverted magnetic fields through the inner heliosphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3642-3655.	1.6	29
32	The Solar Orbiter magnetometer. <i>Astronomy and Astrophysics</i> , 2020, 642, A9.	2.1	136
33	Semi-annual, annual and Universal Time variations in the magnetosphere and in geomagnetic activity: 2. Response to solar wind power input and relationships with solar wind dynamic pressure and magnetospheric flux transport. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 30.	1.1	24
34	Semi-annual, annual and Universal Time variations in the magnetosphere and in geomagnetic activity: 3. Modelling. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 61.	1.1	16
35	The Solar Corona during the Total Eclipse on 1806 June 16: Graphical Evidence of the Coronal Structure during the Dalton Minimum. <i>Astrophysical Journal</i> , 2020, 900, 114.	1.6	21
36	Using the â€™Ghost Frontâ€™ to Predict the Arrival Time and Speed of CMEs at Venus and Earth. <i>Astrophysical Journal</i> , 2020, 899, 143.	1.6	9

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37	The Development of a Space Climatology: 1. Solar Wind Magnetosphere Coupling as a Function of Timescale and the Effect of Data Gaps. <i>Space Weather</i> , 2019, 17, 133-156.	1.3	35
38	Time-of-day/time-of-year response functions of planetary geomagnetic indices. <i>Journal of Space Weather and Space Climate</i> , 2019, 9, A20.	1.1	22
39	Near-Earth Solar Wind Forecasting Using Corotation From L5: The Error Introduced By Heliographic Latitude Offset. <i>Space Weather</i> , 2019, 17, 1105-1113.	1.3	16
40	On the Origin of Ortho-Gardenhose Heliospheric Flux. <i>Solar Physics</i> , 2019, 294, 1.	1.0	15
41	The Variation of Geomagnetic Storm Duration with Intensity. <i>Solar Physics</i> , 2019, 294, 1.	1.0	15
42	Does Adding Solar Wind Poynting Flux Improve the Optimum Solar Wind-Magnetosphere Coupling Function?. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5498-5515.	0.8	21
43	The Development of a Space Climatology: 2. The Distribution of Power Input Into the Magnetosphere on a Hourly Timescale. <i>Space Weather</i> , 2019, 17, 157-179.	1.3	12
44	Editorial 2019. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2019, 475, 20190005.	1.0	0
45	Capturing Uncertainty in Magnetospheric Ultralow Frequency Wave Models. <i>Space Weather</i> , 2019, 17, 599-618.	1.3	9
46	Hourly weather observations from the Scottish Highlands (1883-1904) rescued by volunteer citizen scientists. <i>Geoscience Data Journal</i> , 2019, 6, 160-173.	1.8	34
47	The Development of a Space Climatology: 3. Models of the Evolution of Distributions of Space Weather Variables With Timescale. <i>Space Weather</i> , 2019, 17, 180-209.	1.3	17
48	Observations of the step-like accelerating processes of cold ions in the reconnection layer at the dayside magnetopause. <i>Science Bulletin</i> , 2018, 63, 31-37.	4.3	8
49	Seasons of MISTs and mellow fruitfulness. <i>Astronomy and Geophysics</i> , 2018, 59, 6.14-6.18.	0.1	0
50	Long-term variations in the heliosphere. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 108-114.	0.0	2
51	A homogeneous $\langle i \rangle$ index: 1. Secular variation. <i>Journal of Space Weather and Space Climate</i> , 2018, 8, A53.	1.1	24
52	A homogeneous $\langle i \rangle$ index: 2. Hemispheric asymmetries and the equinoctial variation. <i>Journal of Space Weather and Space Climate</i> , 2018, 8, A58.	1.1	28
53	Generation of Inverted Heliospheric Magnetic Flux by Coronal Loop Opening and Slow Solar Wind Release. <i>Astrophysical Journal Letters</i> , 2018, 868, L14.	3.0	19
54	Space climate and space weather over the past 400 years: 2. Proxy indicators of geomagnetic storm and substorm occurrence. <i>Journal of Space Weather and Space Climate</i> , 2018, 8, A12.	1.1	27

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55	What can the annual $^{10}\text{Be}$ solar activity reconstructions tell us about historic space weather?. <i>Journal of Space Weather and Space Climate</i> , 2018, 8, A23.	1.1	9
56	Ion Charge States and Potential Geoeffectiveness: The Role of Coronal Spectroscopy for Space Weather Forecasting. <i>Space Weather</i> , 2018, 16, 694-703.	1.3	5
57	Global solar wind variations over the last four centuries. <i>Scientific Reports</i> , 2017, 7, 41548.	1.6	52
58	Coronal mass ejections are not coherent magnetohydrodynamic structures. <i>Scientific Reports</i> , 2017, 7, 4152.	1.6	65
59	Frost fairs, sunspots and the Little Ice Age. <i>Astronomy and Geophysics</i> , 2017, 58, 2.17-2.23.	0.1	15
60	Interplanetary magnetic field properties and variability near Mercury's orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7907-7924.	0.8	39
61	Sunward Strahl: A Method to Unambiguously Determine Open Solar Flux from In Situ Spacecraft Measurements Using Suprathermal Electron Data. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,980.	0.8	34
62	Coronal and heliospheric magnetic flux circulation and its relation to open solar flux evolution. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5870-5894.	0.8	10
63	Polar cap hot patches: Enhanced density structures different from the classical patches in the ionosphere. <i>Geophysical Research Letters</i> , 2017, 44, 8159-8167.	1.5	31
64	The Maunder minimum and the Little Ice Age: an update from recent reconstructions and climate simulations. <i>Journal of Space Weather and Space Climate</i> , 2017, 7, A33.	1.1	54
65	Decadal trends in the diurnal variation of galactic cosmic rays observed using neutron monitor data. <i>Annales Geophysicae</i> , 2017, 35, 825-838.	0.6	8
66	Space climate and space weather over the past 400 years: 1. The power input to the magnetosphere. <i>Journal of Space Weather and Space Climate</i> , 2017, 7, A25.	1.1	29
67	Near-Earth heliospheric magnetic field intensity since 1750: 1. Sunspot and geomagnetic reconstructions. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6048-6063.	0.8	33
68	Tests of Sunspot Number Sequences: 2. Using Geomagnetic and Auroral Data. <i>Solar Physics</i> , 2016, 291, 2811-2828.	1.0	21
69	A New Calibrated Sunspot Group Series Since 1749: Statistics of Active Day Fractions. <i>Solar Physics</i> , 2016, 291, 2685-2708.	1.0	101
70	Near-Earth heliospheric magnetic field intensity since 1750: 2. Cosmogenic radionuclide reconstructions. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6064-6074.	0.8	19
71	Polar cap patch transportation beyond the classic scenario. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9063-9074.	0.8	24
72	Earth's ion upflow associated with polar cap patches: Global and in situ observations. <i>Geophysical Research Letters</i> , 2016, 43, 1845-1853.	1.5	34

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73	A comparison between large-scale irregularities and scintillations in the polar ionosphere. Geophysical Research Letters, 2016, 43, 4790-4798.	1.5	39
74	Jim Dungey, The Open Magnetosphere, and Space Weather. Space Weather, 2016, 14, 380-383.	1.3	7
75	Tests of Sunspot Number Sequences: 4. Discontinuities Around 1946 in Various Sunspot Number and Sunspot-Group-Number Reconstructions. Solar Physics, 2016, 291, 2843-2867.	1.0	12
76	AN ASSESSMENT OF SUNSPOT NUMBER DATA COMPOSITES OVER 1845-2014. Astrophysical Journal, 2016, 824, 54.	1.6	34
77	Tests of Sunspot Number Sequences: 3. Effects of Regression Procedures on the Calibration of Historic Sunspot Data. Solar Physics, 2016, 291, 2829-2841.	1.0	34
78	Tests of Sunspot Number Sequences: 1. Using Ionosonde Data. Solar Physics, 2016, 291, 2785-2809.	1.0	20
79	On the origins and timescales of geoeffective IMF. Space Weather, 2016, 14, 406-432.	1.3	65
80	Q&A Mike Lockwood. Astronomy and Geophysics, 2015, 56, 6.39-6.39.	0.1	0
81	Direct observations of the full Dungey convection cycle in the polar ionosphere for southward interplanetary magnetic field conditions. Journal of Geophysical Research: Space Physics, 2015, 120, 4519-4530.	0.8	61
82	Differences between the CME fronts tracked by an expert, an automated algorithm, and the Solar Stormwatch project. Space Weather, 2015, 13, 709-725.	1.3	14
83	Lightning as a space-weather hazard: UK thunderstorm activity modulated by the passage of the heliospheric current sheet. Geophysical Research Letters, 2015, 42, 9624-9632.	1.5	23
84	The Maunder minimum (1645-1715) was indeed a grand minimum: A reassessment of multiple datasets. Astronomy and Astrophysics, 2015, 581, A95.	2.1	158
85	An arch in the UK. Astronomy and Geophysics, 2015, 56, 4.25-4.30.	0.1	18
86	The heliospheric Hale cycle over the last 300 years and its implications for a -lost-late 18th century solar cycle. Journal of Space Weather and Space Climate, 2015, 5, A30.	1.1	17
87	Further considerations of cosmic ray modulation of infra-red radiation in the atmosphere. Astroparticle Physics, 2015, 68, 52-60.	1.9	3
88	Reply to 'Drivers of the 2013/14 winter floods in the UK'. Nature Climate Change, 2015, 5, 491-492.	8.1	2
89	Solar Stormwatch: tracking solar eruptions. Astronomy and Geophysics, 2015, 56, 4.20-4.24.	0.1	5
90	Extracting planetary waves from geomagnetic time series using Empirical Mode Decomposition. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 129, 6-12.	0.6	6

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91	Possible impacts of a future grand solar minimum on climate: Stratospheric and global circulation changes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9043-9058.	1.2	41
92	INFERRING THE STRUCTURE OF THE SOLAR CORONA AND INNER HELIOSPHERE DURING THE MAUNDER MINIMUM USING GLOBAL THERMODYNAMIC MAGNETOHYDRODYNAMIC SIMULATIONS. <i>Astrophysical Journal</i> , 2015, 802, 105.	1.6	65
93	NEAR-EARTH COSMIC RAY DECREASES ASSOCIATED WITH REMOTE CORONAL MASS EJECTIONS. <i>Astrophysical Journal</i> , 2015, 801, 5.	1.6	11
94	Regional climate impacts of a possible future grand solar minimum. <i>Nature Communications</i> , 2015, 6, 7535.	5.8	75
95	Reconstruction of geomagnetic activity and near-Earth interplanetary conditions over the past 167 yr – Part 4: Near-Earth solar wind speed, IMF, and open solar flux. <i>Annales Geophysicae</i> , 2014, 32, 383-399.	0.6	60
96	Centennial variations in sunspot number, open solar flux and streamer belt width: 3. Modeling. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5193-5209.	0.8	35
97	Centennial variations in sunspot number, open solar flux, and streamer belt width: 2. Comparison with the geomagnetic data. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5183-5192.	0.8	24
98	Centennial variations in sunspot number, open solar flux, and streamer belt width: 1. Correction of the sunspot number record since 1874. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5172-5182.	0.8	51
99	Reconstruction of geomagnetic activity and near-Earth interplanetary conditions over the past 167 yr – Part 3: Improved representation of solar cycle 11. <i>Annales Geophysicae</i> , 2014, 32, 367-381.	0.6	22
100	Evidence for solar wind modulation of lightning. <i>Environmental Research Letters</i> , 2014, 9, 055004.	2.2	49
101	Galactic cosmic rays in the heliosphere. <i>Astronomy and Geophysics</i> , 2014, 55, 5.23-5.25.	0.1	6
102	Modulation of UK lightning by heliospheric magnetic field polarity. <i>Environmental Research Letters</i> , 2014, 9, 115009.	2.2	28
103	The 22-Year Hale Cycle in Cosmic Ray Flux – Evidence for Direct Heliospheric Modulation. <i>Solar Physics</i> , 2014, 289, 407-421.	1.0	53
104	Galactic Cosmic Ray Modulation near the Heliospheric Current Sheet. <i>Solar Physics</i> , 2014, 289, 2653-2668.	1.0	29
105	IMPLICATIONS OF THE RECENT LOW SOLAR MINIMUM FOR THE SOLAR WIND DURING THE MAUNDER MINIMUM. <i>Astrophysical Journal Letters</i> , 2014, 781, L7.	3.0	24
106	Potential influences on the United Kingdom's floods of winter 2013/14. <i>Nature Climate Change</i> , 2014, 4, 769-777.	8.1	149
107	Detection and Attribution of Climate Change: from Global to Regional. , 2014, , 867-952.		144
108	Solar cycle evolution of dipolar and pseudostreamer belts and their relation to the slow solar wind. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 36-46.	0.8	40

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109	The Solar Stormwatch CME catalogue: Results from the first space weather citizen science project. <i>Space Weather</i> , 2014, 12, 657-674.	1.3	25
110	Solar cycle evolution of dipolar and pseudostreamer belts and their relation to the slow solar wind. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, n/a-n/a.	0.8	1
111	Solar origin of heliospheric magnetic field inversions: Evidence for coronal loop opening within pseudostreamers. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1868-1879.	0.8	60
112	Ground-Based and Satellite Observations of the Cusp: Evidence for Pulsed Magnetopause Reconnection. <i>Geophysical Monograph Series</i> , 2013, , 417-426.	0.1	13
113	Comment on "What causes the flux excess in the heliospheric magnetic field?" by E. J. Smith. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1880-1887.	0.8	8
114	Reconstruction of geomagnetic activity and near-Earth interplanetary conditions over the past 167 yr " Part 2: A new reconstruction of the interplanetary magnetic field. <i>Annales Geophysicae</i> , 2013, 31, 1979-1992.	0.6	32
115	Reconstruction and Prediction of Variations in the Open Solar Magnetic Flux and Interplanetary Conditions. <i>Living Reviews in Solar Physics</i> , 2013, 10, 1.	7.8	101
116	Reconstruction of geomagnetic activity and near-Earth interplanetary conditions over the past 167 yr " Part 1: A new geomagnetic data composite. <i>Annales Geophysicae</i> , 2013, 31, 1957-1977.	0.6	38
117	Cosmic ray modulation of infra-red radiation in the atmosphere. <i>Environmental Research Letters</i> , 2013, 8, 015026.	2.2	10
118	Direct Observations of the Evolution of Polar Cap Ionization Patches. <i>Science</i> , 2013, 339, 1597-1600.	6.0	111
119	Polar cap patch segmentation of the tongue of ionization in the morning convection cell. <i>Geophysical Research Letters</i> , 2013, 40, 2918-2922.	1.5	56
120	Laboratory test simulation for non-flat response calibration of global Earth albedo monitor. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
121	Inner plasma structure of the low-latitude reconnection layer. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	9
122	Heliospheric modulation of galactic cosmic rays during grand solar minima: Past and future variations. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	61
123	Andy Breen 1964-2011. <i>Astronomy and Geophysics</i> , 2012, 53, 2.38-2.38.	0.1	0
124	Solar cycle 24: what is the Sun up to?. <i>Astronomy and Geophysics</i> , 2012, 53, 3.09-3.15.	0.1	23
125	What influence will future solar activity changes over the 21st century have on projected global near-surface temperature changes?. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	36
126	Cyclic loss of open solar flux since 1868: The link to heliospheric current sheet tilt and implications for the Maunder Minimum. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	64



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127	Correction to "Solar influences on climate" Reviews of Geophysics, 2012, 50, .	9.0	5
128	Predicting the arrival of high-speed solar wind streams at Earth using the STEREO Heliospheric Imagers. Space Weather, 2012, 10, .	1.3	14
129	Solar Influence on Global and Regional Climates. Surveys in Geophysics, 2012, 33, 503-534.	2.1	135
130	Solar-Induced climate effects solar-induced Climate Effects climate effects. , 2012, , 9795-9820.		3
131	Solar Influence on Global and Regional Climates. Space Sciences Series of ISSI, 2012, , 171-202.	0.0	2
132	How is open solar magnetic flux lost over the solar cycle?. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	56
133	A survey of gradual solar energetic particle events. Journal of Geophysical Research, 2011, 116, .	3.3	16
134	Centennial changes in the heliospheric magnetic field and open solar flux: The consensus view from geomagnetic data and cosmogenic isotopes and its implications. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	45
135	Was UV spectral solar irradiance lower during the recent low sunspot minimum?. Journal of Geophysical Research, 2011, 116, .	3.3	14
136	Solar cycle 24: Implications for energetic particles and long-term space climate change. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	44
137	The persistence of solar activity indicators and the descent of the Sun into Maunder Minimum conditions. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	45
138	Predicting space climate change. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	65
139	On the importance of interplanetary magnetic field $\hat{\xi} \langle i \rangle B \langle /i \rangle \langle sub \rangle \langle i \rangle y \langle /i \rangle \langle /sub \rangle \hat{\xi}$ on polar cap patch formation. Journal of Geophysical Research, 2011, 116, .	3.3	114
140	The distribution of the ring current: Cluster observations. Annales Geophysicae, 2011, 29, 1655-1662.	0.6	25
141	Shining a light on solar impacts. Nature Climate Change, 2011, 1, 98-99.	8.1	15
142	Extended Magnetic Reconnection across the Dayside Magnetopause. Physical Review Letters, 2011, 107, 025004.	2.9	41
143	Cloud base height and cosmic rays. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 2777-2791.	1.0	22
144	The solar influence on the probability of relatively cold UK winters in the future. Environmental Research Letters, 2011, 6, 034004.	2.2	18

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145	Results from the CERN pilot CLOUD experiment. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 1635-1647.	1.9	96
146	Solar change and climate: an update in the light of the current exceptional solar minimum. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2010, 466, 303-329.	1.0	119
147	Top-down solar modulation of climate: evidence for centennial-scale change. <i>Environmental Research Letters</i> , 2010, 5, 034008.	2.2	42
148	Are cold winters in Europe associated with low solar activity?. <i>Environmental Research Letters</i> , 2010, 5, 024001.	2.2	148
149	Intermittent release of transients in the slow solar wind: 1. Remote sensing observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	80
150	Intermittent release of transients in the slow solar wind: 2. In situ evidence. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	52
151	SOLAR INFLUENCES ON CLIMATE. <i>Reviews of Geophysics</i> , 2010, 48, .	9.0	1,014
152	Enhanced signature of solar variability in Eurasian winter climate. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	108
153	Simultaneous observations of reconnection pulses at Cluster and their effects on the cusp aurora observed at the Chinese Yellow River Station. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	21
154	THE ACCURACY OF USING THE ULYSSES RESULT OF THE SPATIAL INVARIANCE OF THE RADIAL HELIOSPHERIC FIELD TO COMPUTE THE OPEN SOLAR FLUX. <i>Astrophysical Journal</i> , 2009, 701, 964-973.	1.6	34
155	Cusp observations during a sequence of fast IMF &lt;math>B_z</math> reversals. <i>Annales Geophysicae</i> , 2009, 27, 2721-2737.	0.6	6
156	A Multispacecraft Analysis of a Small-Scale Transient Entrained by Solar Wind Streams. <i>Solar Physics</i> , 2009, 256, 307-326.	1.0	93
157	Stereoscopic imaging of an Earth-impacting solar coronal mass ejection: A major milestone for the STEREO mission. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	110
158	Excess open solar magnetic flux from satellite data: 1. Analysis of the third perihelion Ulysses pass. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	33
159	Excess open solar magnetic flux from satellite data: 2. A survey of kinematic effects. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	60
160	Transpolar voltage and polar cap flux during the substorm cycle and steady convection events. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	38
161	A solar storm observed from the Sun to Venus using the STEREO, Venus Express, and MESSENGER spacecraft. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	65
162	THE RISE AND FALL OF OPEN SOLAR FLUX DURING THE CURRENT GRAND SOLAR MAXIMUM. <i>Astrophysical Journal</i> , 2009, 700, 937-944.	1.6	137

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163	Stray light analysis of SALEX instrument. , 2008, , .		0
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