

# Kan Liou

## List of Publications by Year in descending order

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167  
papers

5,798  
citations

66315

42  
h-index

88593

70  
g-index

168  
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168  
docs citations

168  
times ranked

2411  
citing authors

#	ARTICLE	IF	CITATIONS
1	A nearly universal solar wind-magnetosphere coupling function inferred from 10 magnetospheric state variables. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	499
2	Earthward flow bursts, auroral streamers, and small expansions. <i>Journal of Geophysical Research</i> , 2001, 106, 10791-10802.	3.3	257
3	Estimation of global field aligned currents using the iridium <sup>®</sup> System magnetometer data. <i>Geophysical Research Letters</i> , 2001, 28, 2165-2168.	1.5	187
4	Multiple-spacecraft observation of a narrow transient plasma jet in the Earth's plasma sheet. <i>Geophysical Research Letters</i> , 2000, 27, 851-854.	1.5	172
5	Comprehensive study of the magnetospheric response to a hot flow anomaly. <i>Journal of Geophysical Research</i> , 1999, 104, 4577-4593.	3.3	169
6	Development of auroral streamers in association with localized impulsive injections to the inner magnetotail. <i>Geophysical Research Letters</i> , 1999, 26, 417-420.	1.5	153
7	Is the dynamic magnetosphere an avalanching system?. <i>Geophysical Research Letters</i> , 2000, 27, 911-914.	1.5	135
8	Flow bursts and auroral activations: Onset timing and foot point location. <i>Journal of Geophysical Research</i> , 2001, 106, 10777-10789.	3.3	128
9	Seasonal effects on auroral particle acceleration and precipitation. <i>Journal of Geophysical Research</i> , 2001, 106, 5531-5542.	3.3	125
10	Observation of IMF and seasonal effects in the location of auroral substorm onset. <i>Journal of Geophysical Research</i> , 2001, 106, 5799-5810.	3.3	123
11	Synoptic auroral distribution: A survey using Polar ultraviolet imagery. <i>Journal of Geophysical Research</i> , 1997, 102, 27197-27205.	3.3	122
12	Characteristics of the solar wind controlled auroral emissions. <i>Journal of Geophysical Research</i> , 1998, 103, 17543-17557.	3.3	114
13	A state-of-the-art picture of substorm-associated evolution of the near-Earth magnetotail obtained from superposed epoch analysis. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	107
14	Ballooning mode waves prior to substorm-associated dipolarizations: Geotail observations. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	96
15	Annual TEC variation in the equatorial anomaly region during the solar minimum: September 1996–August 1997. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2004, 66, 199-207.	0.6	92
16	Pairs of solar wind-magnetosphere coupling functions: Combining a merging term with a viscous term works best. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	92
17	Auroral streamers: characteristics of associated precipitation, convection and field-aligned currents. <i>Annales Geophysicae</i> , 2004, 22, 537-548.	0.6	89
18	Evaluation of low-latitude Pi2 pulsations as indicators of substorm onset using Polar ultraviolet imagery. <i>Journal of Geophysical Research</i> , 2000, 105, 2495-2505.	3.3	87

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19	Plasmoid ejection and auroral brightenings. <i>Journal of Geophysical Research</i> , 2001, 106, 3845-3857.	3.3	82
20	Magnetic dipolarization with substorm expansion onset. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 23-1.	3.3	82
21	OVATION Primeâ€2013: Extension of auroral precipitation model to higher disturbance levels. <i>Space Weather</i> , 2014, 12, 368-379.	1.3	82
22	The first super geomagnetic storm of solar cycle 24: â€œThe St. Patrickâ€™s day event (17 March 2015)â€ Earth, Planets and Space, 2016, 68, .	0.9	80
23	On relative timing in substorm onset signatures. <i>Journal of Geophysical Research</i> , 1999, 104, 22807-22817.	3.3	79
24	Polar cap particle precipitation and aurora: Review and commentary. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2009, 71, 199-215.	0.6	62
25	Variation of ionospheric total electron content in Taiwan region of the equatorial anomaly from 1994 to 2003. <i>Advances in Space Research</i> , 2008, 41, 611-616.	1.2	58
26	Plasma and magnetic flux transport associated with auroral breakups. <i>Geophysical Research Letters</i> , 1998, 25, 4059-4062.	1.5	57
27	Investigation of external triggering of substorms with Polar ultraviolet imager observations. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	57
28	Three-dimensional global simulation of interplanetary coronal mass ejection propagation from the Sun to the heliosphere: Solar event of 12 May 1997. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	55
29	OVATION: Oval variation, assessment, tracking, intensity, and online nowcasting. <i>Annales Geophysicae</i> , 2002, 20, 1039-1047.	0.6	54
30	Statistical visualization of the Earth's magnetotail based on Geotail data and the implied substorm model. <i>Annales Geophysicae</i> , 2009, 27, 1035-1046.	0.6	54
31	Substorm and convection bay compared: Auroral and magnetotail dynamics during convection bay. <i>Journal of Geophysical Research</i> , 2001, 106, 18843-18855.	3.3	53
32	Auroral polar cap boundary ion conic outflow observed on FAST. <i>Journal of Geophysical Research</i> , 2001, 106, 3603-3614.	3.3	53
33	Substorm cycle dependence of various types of aurora. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	53
34	Near-Earth dipolarization: Evidence for a non-MHD process. <i>Geophysical Research Letters</i> , 1999, 26, 2905-2908.	1.5	52
35	Solar wind driving and substorm triggering. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	52
36	Influence of interplanetary magnetic field on global auroral patterns. <i>Journal of Geophysical Research</i> , 2001, 106, 5913-5926.	3.3	50

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37	Global Positioning System phase fluctuations and ultraviolet images from the Polar satellite. Journal of Geophysical Research, 2000, 105, 5201-5213.	3.3	49
38	The quantitative relationship between auroral brightness and solar EUV Pedersen conductance. Journal of Geophysical Research, 2001, 106, 5883-5894.	3.3	49
39	Bursty bulk flow intrusion to the inner plasma sheet as inferred from auroral observations. Journal of Geophysical Research, 2003, 108, .	3.3	46
40	Auroral precipitation power during substorms: A Polar UV Imager-based superposed epoch analysis. Journal of Geophysical Research, 2001, 106, 28885-28896.	3.3	44
41	Polar Ultraviolet Imager observation of auroral breakup. Journal of Geophysical Research, 2010, 115, .	3.3	44
42	Cusp latitude and the optimal solar wind coupling function. Journal of Geophysical Research, 2006, 111, .	3.3	43
43	Neutral composition effects on ionospheric storms at middle and low latitudes. Journal of Geophysical Research, 2005, 110, .	3.3	42
44	Polar Ultraviolet Imager observations of global auroral power as a function of polar cap size and magnetotail stretching. Journal of Geophysical Research, 2001, 106, 5895-5905.	3.3	41
45	Substorm timings and timescales: A new aspect. Space Science Reviews, 2004, 113, 41-75.	3.7	39
46	Auroral kilometric radiation at substorm onset. Journal of Geophysical Research, 2000, 105, 25325-25331.	3.3	37
47	Three-dimensional global simulation of multiple ICMs' interaction and propagation from the Sun to the heliosphere following the 25-28 October 2003 solar events. Advances in Space Research, 2007, 40, 1827-1834.	1.2	36
48	On the azimuthal location of auroral breakup: Hemispheric asymmetry. Geophysical Research Letters, 2010, 37, .	1.5	36
49	Global three-dimensional simulation of the interplanetary evolution of the observed geoeffective coronal mass ejection during the epoch 1-4 August 2010. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	36
50	Midday sub-auroral patches (MSPs) associated with interplanetary shocks. Geophysical Research Letters, 2002, 29, 18-1-18-4.	1.5	34
51	Correlation of auroral power with the polar cap index. Journal of Geophysical Research, 2003, 108, .	3.3	34
52	Source region of 1500 MLT auroral bright spots: Simultaneous Polar UV-images and DMSP particle data. Journal of Geophysical Research, 1999, 104, 24587-24602.	3.3	32
53	Evolution of the magnetotail associated with substorm auroral breakups. Journal of Geophysical Research, 2003, 108, .	3.3	32
54	Substorm probabilities are best predicted from solar wind speed. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 146, 28-37.	0.6	32

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55	Observation of electromagnetic oxygen cyclotron waves in a flickering aurora. <i>Geophysical Research Letters</i> , 1995, 22, 2465-2468.	1.5	31
56	Particle injections with auroral expansions. <i>Journal of Geophysical Research</i> , 2001, 106, 5873-5881.	3.3	31
57	Difference in magnetotail variations between intense and weak substorms. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	29
58	Predictive ability of four auroral precipitation models as evaluated using Polar UVI global images. <i>Space Weather</i> , 2010, 8, n/a-n/a.	1.3	29
59	“Compression aurora” Particle precipitation driven by long-duration high solar wind ram pressure. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	28
60	Global simulation of extremely fast coronal mass ejection on 23 July 2012. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014, 121, 32-41.	0.6	28
61	On the relationship between shock-induced polar magnetic bays and solar wind parameters. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	26
62	Longitudinal association between magnetotail reconnection and auroral breakup based on Geotail and Polar observations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	26
63	“Blob” analysis of auroral substorm dynamics. <i>Journal of Geophysical Research</i> , 2000, 105, 16083-16091.	3.3	24
64	Propagation characteristics of Pi 2 magnetic pulsations observed at ground high latitudes. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	24
65	Precipitation and total power consumption in the ionosphere: Global MHD simulation results compared with Polar and SNOE observations. <i>Annales Geophysicae</i> , 2006, 24, 861-872.	0.6	24
66	OVATION-ISM: A model of auroral precipitation based on SuperMAG generalized auroral electrojet and substorm onset times. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3747-3759.	0.8	24
67	Interplanetary magnetic field Bx asymmetry effect on auroral brightness. <i>Journal of Geophysical Research</i> , 2002, 107, SIA 16-1-SIA 16-10.	3.3	22
68	Two-step evolution of auroral acceleration at substorm onset. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	22
69	Saw-tooth substorms: Inconsistency of repetitive bay-like magnetic disturbances with behavior of aurora. <i>Advances in Space Research</i> , 2011, 47, 702-709.	1.2	22
70	Prompt ionization in the CRIT II barium releases. <i>Geophysical Research Letters</i> , 1992, 19, 973-976.	1.5	20
71	Dynamics of double-theta aurora: Polar UVI study of January 10-11, 1997. <i>Journal of Geophysical Research</i> , 1999, 104, 95-104.	3.3	20
72	Global auroral response to negative pressure impulses. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	20

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73	TIMED/GUVI observation of solar illumination effect on auroral energy deposition. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	20
74	Longitudinal structure of low-latitude Pi2 pulsations and its dependence on aurora. Journal of Geophysical Research, 2004, 109, .	3.3	19
75	Source of Pc4 pulsations observed on the nightside. Journal of Geophysical Research, 2005, 110, .	3.3	19
76	A statistical study of energy release and transport midway between the magnetic reconnection and initial dipolarization regions in the near-Earth magnetotail associated with substorm expansion onsets. Journal of Geophysical Research, 2012, 117, .	3.3	19
77	Statistical comparison of isolated and non-isolated auroral substorms. Journal of Geophysical Research: Space Physics, 2013, 118, 2466-2477.	0.8	19
78	Numerical simulation of multiple CME-driven shocks in the month of 2011 September. Journal of Geophysical Research: Space Physics, 2016, 121, 1839-1856.	0.8	19
79	Global magnetohydrodynamic simulation of the 15 March 2013 coronal mass ejection event—interpretation of the 30–80 MeV proton flux. Journal of Geophysical Research: Space Physics, 2016, 121, 56-76.	0.8	19
80	Solar wind density and velocity control of auroral brightness under normal interplanetary magnetic field conditions. Journal of Geophysical Research, 2002, 107, SMP 9-1-SMP 9-6.	3.3	18
81	Global auroral power as an index for geospace disturbances. Geophysical Research Letters, 2002, 29, 41-1.	1.5	18
82	Relationship between magnetotail variations and auroral activities during substorms. Journal of Geophysical Research, 2003, 108, SMP 13-1.	3.3	18
83	Longitudinal dependence of characteristics of low-latitude Pi2 pulsations observed at Kakioka and Hermanus. Earth, Planets and Space, 2006, 58, 775-783.	0.9	18
84	The effect of geomagnetic storm on ionospheric total electron content at the equatorial anomaly region. Advances in Space Research, 1999, 24, 1491-1494.	1.2	17
85	The 04–10 September 2017 Sun–Earth Connection Events: Solar Flares, Coronal Mass Ejections/Magnetic Clouds, and Geomagnetic Storms. Solar Physics, 2019, 294, 1.	1.0	17
86	Substorm associated changes in the high-latitude ionospheric convection. Geophysical Research Letters, 2003, 30, .	1.5	16
87	Observations of ionospheric plasma flows within theta auroras. Journal of Geophysical Research, 2005, 110, .	3.3	16
88	Propagation characteristics of Pi 2 pulsations observed at high- and low-latitude MAGDAS/CPMN stations: A statistical study. Journal of Geophysical Research, 2009, 114, .	3.3	16
89	Aurora conjugacy during substorms: Coordinated Antarctic ground and Polar Ultraviolet observations. Journal of Geophysical Research, 2001, 106, 24579-24591.	3.3	15
90	Two-component auroras. Geophysical Research Letters, 2002, 29, 17-1-17-4.	1.5	15

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91	Substorm Occurrence and Intensity Associated With Three Types of Solar Wind Structure. Journal of Geophysical Research: Space Physics, 2018, 123, 485-496.	0.8	15
92	Polar UVI observations of dayside auroral transient events. Journal of Geophysical Research, 2001, 106, 28897-28911.	3.3	14
93	Identification of substorms within storms. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 125-132.	0.6	14
94	Pressure changes associated with substorm depolarization in the near-Earth plasma sheet. Journal of Geophysical Research, 2010, 115, .	3.3	14
95	Dayside auroral activity as a possible precursor of substorm onsets: A survey using Polar ultraviolet imagery. Journal of Geophysical Research, 1997, 102, 19835-19843.	3.3	13
96	Plasmoids observed in the near-Earth magnetotail at $X \approx 7R_E$ . Journal of Geophysical Research, 2005, 110, .	3.3	13
97	Large, abrupt pressure decreases as a substorm onset trigger. Geophysical Research Letters, 2007, 34, .	1.5	13
98	Successive substorm expansions during a period of prolonged northward interplanetary magnetic field. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	13
99	Plasma sheet changes caused by sudden enhancements of the solar wind pressure. Journal of Geophysical Research, 2010, 115, .	3.3	12
100	Hemispheric asymmetry of the dayside aurora due to imbalanced solar insolation. Scientific Reports, 2020, 10, 13451.	1.6	12
101	Stepwise feature of aurora during substorm expansion compared with the near-Earth tail dipolarization: Possible types of substorm dynamics. Journal of Geophysical Research, 2010, 115, .	3.3	11
102	On the interplanetary magnetic field control of substorm bulge expansion. Journal of Geophysical Research, 2006, 111, .	3.3	10
103	A Fresh Look at Substorm Onset Identifiers. Astrophysics and Space Science Library, 1998, , 249-252.	1.0	10
104	Correlative study of ultraviolet aurora and low-latitude Pi2 pulsations. Journal of Geophysical Research, 2002, 107, SMP 2-1-SMP 2-14.	3.3	9
105	Quiet time magnetotail plasma flow: Coordinated Polar ultraviolet images and Geotail observations. Journal of Geophysical Research, 2003, 108, .	3.3	9
106	Quantitative relationships between plasma sheet fast flows and nightside auroral power. Journal of Geophysical Research, 2003, 108, .	3.3	9
107	Polar Ultraviolet Imager observations of solar wind-driven ULF auroral pulsations. Geophysical Research Letters, 2008, 35, .	1.5	9
108	AKR modulation and global Pi2 oscillation. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	9

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109	Observation of an Extremely Large-Density Heliospheric Plasma Sheet Compressed by an Interplanetary Shock at 1 AU. <i>Solar Physics</i> , 2017, 292, 1.	1.0	9
110	Statistical study of polar negative magnetic bays driven by interplanetary fast-mode shocks. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7463-7472.	0.8	9
111	North-South Asymmetry in the Geographic Location of Auroral Substorms correlated with Ionospheric Effects. <i>Scientific Reports</i> , 2018, 8, 17230.	1.6	9
112	Hemispheric Asymmetry of the Premidnight Aurora Associated With the Dawn-Dusk Component of the Interplanetary Magnetic Field. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1625-1634.	0.8	9
113	Control of the East-West Component of the Interplanetary Magnetic Field on the Occurrence of Magnetic Substorms. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087406.	1.5	9
114	On Ba+production in the CRIT II Experiment. <i>Journal of Geophysical Research</i> , 1995, 100, 5811.	3.3	8
115	A new technique for short-term forecast of auroral activity. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	8
116	A case study of relationship between substorm expansion and global plasma convection. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	8
117	Global auroral response to interplanetary media with emphasis on solar wind dynamic pressure enhancements. <i>Geophysical Monograph Series</i> , 2006, , 197-212.	0.1	8
118	Narrow Plasma Streams as a Candidate to Populate the Inner Magnetosphere. <i>Geophysical Monograph Series</i> , 0, , 55-60.	0.1	8
119	Plasma sheet fast flows and auroral dynamics during substorm: a case study. <i>Annales Geophysicae</i> , 2002, 20, 341-347.	0.6	7
120	Energetics of a substorm on 15 August, 2001: Comparing empirical methods and a global MHD simulation. <i>Advances in Space Research</i> , 2005, 36, 1825-1829.	1.2	7
121	Global and local equatorward expansion of the ion auroral oval before substorm onsets. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	7
122	Modeling inner boundary values at 18 solar radii during solar quiet time for global three-dimensional time-dependent magnetohydrodynamic numerical simulation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 201, 105211.	0.6	7
123	An Electric-field-driven Global Coronal Magnetohydrodynamics Simulation Model Using Helioseismic and Magnetic Imager Vector-magnetic-field Synoptic Map Data. <i>Astrophysical Journal</i> , 2022, 930, 60.	1.6	7
124	Statistical patterns in X-ray and UV auroral emissions and energetic electron precipitation. <i>Journal of Geophysical Research</i> , 2001, 106, 5907-5911.	3.3	6
125	Timing and location of phenomena during auroral breakup: A case study. <i>Advances in Space Research</i> , 2002, 30, 1775-1778.	1.2	6
126	Meso-scale aurora within the expansion phase bulge. <i>Annales Geophysicae</i> , 2006, 24, 2209-2218.	0.6	6

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127	Comment on "Wavelet-based ULF wave diagnosis of substorm expansion phase onset" by K. Murphy et al.. Journal of Geophysical Research, 2009, 114, .	3.3	6
128	Effects of the interplanetary magnetic field y component on the dayside aurora. Geoscience Letters, 2019, 6, .	1.3	6
129	Reply [to "Comment on "Evaluation of low-latitude Pi2 pulsations as indicators of substorm onset using Polar ultraviolet imagery" by K. Liou, et al.]. Journal of Geophysical Research, 2001, 106, 18923-18926.	3.3	5
130	Substorm onset location and the equatorward boundary of the proton auroral oval. Geophysical Research Letters, 2002, 29, 12-1-12-4.	1.5	5
131	Relatively low-latitude wave aurora and substorms. Geophysical Research Letters, 2010, 37, .	1.5	5
132	Observations of field line resonance with global auroral images. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 105-106, 152-159.	0.6	5
133	Ionospheric Response to Solar Wind Pressure Pulses Under Northward IMF Conditions. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 183.	0.3	5
134	Response of northern winter polar cap to auroral substorms. Geophysical Research Letters, 2016, 43, 4098-4105.	1.5	5
135	A comparison between the geoeffectiveness of north-south and south-north magnetic clouds and an associated prediction. Space Weather, 2017, 15, 517-525.	1.3	5
136	Testing the expanding-contracting polar cap paradigm. Journal of Geophysical Research: Space Physics, 2017, 122, 7077-7086.	0.8	5
137	Momentum coupling in the "CRIT II" critical ionization velocity experiment. Journal of Geophysical Research, 1996, 101, 19649-19657.	3.3	4
138	Conjunction of tail satellites for substorm study: ISTP event of 1997 January 2. Geophysical Research Letters, 2000, 27, 1831-1834.	1.5	4
139	Multisatellite low-altitude observations of a magnetopause merging burst. Journal of Geophysical Research, 2010, 115, .	3.3	4
140	Investigation of Solar/Heliospheric Anomalies Associated with the Solar Minimum of 2007 - 2008. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 243.	0.3	4
141	Study of a global auroral Pc5 pulsation event with concurrent ULF waves. Geophysical Research Letters, 2014, 41, 6547-6555.	1.5	4
142	Ionospheric signature of a magnetic flux rope in the magnetotail. Geophysical Research Letters, 1998, 25, 3733-3736.	1.5	3
143	The distribution of auroral power increases and decreases. Geophysical Research Letters, 2002, 29, 62-1-62-4.	1.5	3
144	Correction to "A case study of relationship between substorm expansion and global plasma convection". Geophysical Research Letters, 2006, 33, n/a-n/a.	1.5	3

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145	Ionospheric characteristics of the dusk-side branch of the two-cell aurora. <i>Annales Geophysicae</i> , 2006, 24, 203-214.	0.6	3
146	Heliospheric three-dimensional global simulation of multiple interacting coronal mass ejections during the Halloween 2003 epoch. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	3
147	Assessment of the auroral electrojet index performance under various geomagnetic conditions. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2013, 92, 31-36.	0.6	3
148	A Possible Cause of the Diminished Solar Wind During the Solar Cycle 23â€™â€™24 Minimum. <i>Solar Physics</i> , 2016, 291, 3777-3792.	1.0	3
149	The Solar Wind Speed Expansion Factor [ $v_{\text{ext}}$ ] Relationship at the Inner Boundary (18) $T_j$ ETQq1,1,0.784314 rgBT /O	1.0	3
150	Westward traveling surge dynamics and the local structure of an isolated substorm. <i>Advances in Space Research</i> , 2001, 28, 1623-1629.	1.2	2
151	Evolution of a magnetohydrodynamic coronal shock. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	2
152	Magnetohydrodynamic Fast Shocks and Their Relation to Solar Energetic Particle Event Intensities. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013, 24, 165.	0.3	2
153	Heliospheric plasma sheet inflation as a cause of solar wind anomaly during the solar cycle 23-24 minimum. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	2
154	Asymmetric sunlight effect on dayside/nightside auroral precipitation. <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 2001, 26, 43-47.	0.2	1
155	Magnetotail variations associated with substorm expansion onsets for storm time and nonstorm time. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	1
156	Oscillations of the equatorward boundary of the ion auroral oval â€™ radar observations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	1
157	Relationship between solar energetic oxygen flux and MHD shock mach number. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	1
158	Dawnâ€™Dusk Auroral Oval Oscillations Associated With Highâ€™Speed Solar Wind. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 600-610.	0.8	1
159	Solar Cycle Variation of the Heliospheric Plasma Sheet Thickness. <i>Solar Physics</i> , 2019, 294, 1.	1.0	1
160	Large-density ( $>50 \text{ cm}^{-3}$ ) heliospheric plasma sheets recorded by the Wind spacecraft between 1995 and 2017. <i>Journal of Physics: Conference Series</i> , 2020, 1620, 012011.	0.3	1
161	Dawnâ€™Dusk Asymmetry in Energetic ( $>20 \text{ keV}$ ) Particles Adjacent to Saturn's Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028264.	0.8	1
162	Study of a sequence of substorm onsets on the basis of coordinated ground-satellite observations. <i>Physics and Chemistry of the Earth</i> , 2000, 25, 559-563.	0.3	0

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163	Radial dependence of solar energetic particles derived from the 15 March 2013 solar energetic particle event and global MHD simulation. AIP Conference Proceedings, 2016, , .	0.3	0
164	Ionospheric Conductivity and the Formation of Auroral Arcs: A Review with an Emphasis on Solar Cycle Effects. Astrophysics and Space Science Library, 1998, , 41-46.	1.0	0
165	Relative Timing on Magnetospheric Substorm Onset Signatures. , 1999, , 113-124.		0
166	Observation of an Extremely Large-Density Heliospheric Plasma Sheet Compressed by an Interplanetary Shock at 1 AU. , 2017, , 597-606.		0
167	Ground-based all-sky imaging techniques for auroral observations and space weather research. , 2022, , 1-22.		0