

Kan Liou

List of Publications by Year in descending order

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167
papers

5,798
citations

66234

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70
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168
all docs

168
docs citations

168
times ranked

2411
citing authors

#	ARTICLE	IF	CITATIONS
1	Ground-based all-sky imaging techniques for auroral observations and space weather research. , 2022, , 1-22.		0
2	An Electric-field-driven Global Coronal Magnetohydrodynamics Simulation Model Using Helioseismic and Magnetic Imager Vector-magnetic-field Synoptic Map Data. Astrophysical Journal, 2022, 930, 60.	1.6	7
3	Dawnâ€Dusk Asymmetry in Energetic (>20ÅkeV) Particles Adjacent to Saturn's Magnetopause. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028264.	0.8	1
4	Hemispheric asymmetry of the dayside aurora due to imbalanced solar insolation. Scientific Reports, 2020, 10, 13451.	1.6	12
5	Large-density (>50 cm^{âˆ’3}) heliospheric plasma sheets recorded by the Wind spacecraft between 1995 and 2017. Journal of Physics: Conference Series, 2020, 1620, 012011.	0.3	1
6	The Solar Wind Speed Expansion Factor [v_{sw} vs r] Relationship at the Inner Boundary (18 Tj ETQq0,0,0 rgBT /Overlock 1	1.0	8
7	Modeling inner boundary values at 18 solar radii during solar quiet time for global three-dimensional time-dependent magnetohydrodynamic numerical simulation. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 201, 105211.	0.6	7
8	Control of the Eastâ€West Component of the Interplanetary Magnetic Field on the Occurrence of Magnetic Substorms. Geophysical Research Letters, 2020, 47, e2020GL087406.	1.5	9
9	Solar Cycle Variation of the Heliospheric Plasma Sheet Thickness. Solar Physics, 2019, 294, 1.	1.0	1
10	The 04â€%â€â€%10 September 2017 Sunâ€Earth Connection Events: Solar Flares, Coronal Mass Ejections/Magnetic Clouds, and Geomagnetic Storms. Solar Physics, 2019, 294, 1.	1.0	17
11	Hemispheric Asymmetry of the Premidnight Aurora Associated With the Dawnâ€Dusk Component of the Interplanetary Magnetic Field. Journal of Geophysical Research: Space Physics, 2019, 124, 1625-1634.	0.8	9
12	Effects of the interplanetary magnetic field y component on the dayside aurora. Geoscience Letters, 2019, 6, .	1.3	6
13	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
14	Dawnâ€Dusk Auroral Oval Oscillations Associated With Highâ€Speed Solar Wind. Journal of Geophysical Research: Space Physics, 2018, 123, 600-610.	0.8	1
15	North-South Asymmetry in the Geographic Location of Auroral Substorms correlated with Ionospheric Effects. Scientific Reports, 2018, 8, 17230.	1.6	9
16	A comparison between the geoeffectiveness of northâ€south and southâ€north magnetic clouds and an associated prediction. Space Weather, 2017, 15, 517-525.	1.3	5
17	Observation of an Extremely Large-Density Heliospheric Plasma Sheet Compressed by an Interplanetary Shock at 1 AU. Solar Physics, 2017, 292, 1.	1.0	9
18	Statistical study of polar negative magnetic bays driven by interplanetary fastâ€mode shocks. Journal of Geophysical Research: Space Physics, 2017, 122, 7463-7472.	0.8	9

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19	Testing the expanding&contracting polar cap paradigm. Journal of Geophysical Research: Space Physics, 2017, 122, 7077-7086.	0.8	5
20	Observation of an Extremely Large-Density Heliospheric Plasma Sheet Compressed by an Interplanetary Shock at 1 AU. , 2017, , 597-606.		0
21	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
22	Heliospheric plasma sheet inflation as a cause of solar wind anomaly during the solar cycle 23-24 minimum. AIP Conference Proceedings, 2016, , .	0.3	2
23	A Possible Cause of the Diminished Solar Wind During the Solar Cycle 23&24 Minimum. Solar Physics, 2016, 291, 3777-3792.	1.0	3
24	Substorm probabilities are best predicted from solar wind speed. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 146, 28-37.	0.6	32
25	The first super geomagnetic storm of solar cycle 24: &The St. Patrick&TM's day event (17 March 2015)&, Earth, Planets and Space, 2016, 68, .	0.9	80
26	Response of northern winter polar cap to auroral substorms. Geophysical Research Letters, 2016, 43, 4098-4105.	1.5	5
27	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
28	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
29	OVATION Prime&2013: Extension of auroral precipitation model to higher disturbance levels. Space Weather, 2014, 12, 368-379.	1.3	82
30	Global simulation of extremely fast coronal mass ejection on 23 July 2012. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 121, 32-41.	0.6	28
31	Study of a global auroral Pc5 pulsation event with concurrent ULF waves. Geophysical Research Letters, 2014, 41, 6547-6555.	1.5	4
32	Assessment of the auroral electrojet index performance under various geomagnetic conditions. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 92, 31-36.	0.6	3
33	Observations of field line resonance with global auroral images. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 105-106, 152-159.	0.6	5
34	Statistical comparison of isolated and non&isolated auroral substorms. Journal of Geophysical Research: Space Physics, 2013, 118, 2466-2477.	0.8	19
35	OVATION&SM: A model of auroral precipitation based on SuperMAG generalized auroral electrojet and substorm onset times. Journal of Geophysical Research: Space Physics, 2013, 118, 3747-3759.	0.8	24
36	Ionospheric Response to Solar Wind Pressure Pulses Under Northward IMF Conditions. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 183.	0.3	5

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37	Investigation of Solar/Heliospheric Anomalies Associated with the Solar Minimum of 2007 - 2008. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 243.	0.3	4
38	Magnetohydrodynamic Fast Shocks and Their Relation to Solar Energetic Particle Event Intensities. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 165.	0.3	2
39	Relationship between solar energetic oxygen flux and MHD shock mach number. AIP Conference Proceedings, 2012, , .	0.3	1
40	Heliospheric three-dimensional global simulation of multiple interacting coronal mass ejections during the Halloween 2003 epoch. AIP Conference Proceedings, 2012, , .	0.3	3
41	Evolution of a magnetohydrodynamic coronal shock. AIP Conference Proceedings, 2012, , .	0.3	2
42	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
43	AKR modulation and global Pi2 oscillation. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	9
44	Solar wind driving and substorm triggering. Journal of Geophysical Research, 2011, 116, .	3.3	52
45	TIMED/GUVI observation of solar illumination effect on auroral energy deposition. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	20
46	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
47	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
48	Saw-tooth substorms: Inconsistency of repetitive bay-like magnetic disturbances with behavior of aurora. Advances in Space Research, 2011, 47, 702-709.	1.2	22
49	Relatively low-latitude wave aurora and substorms. Geophysical Research Letters, 2010, 37, .	1.5	5
50	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
51	Plasma sheet changes caused by sudden enhancements of the solar wind pressure. Journal of Geophysical Research, 2010, 115, .	3.3	12
52	On the azimuthal location of auroral breakup: Hemispheric asymmetry. Geophysical Research Letters, 2010, 37, .	1.5	36
53	Substorm cycle dependence of various types of aurora. Journal of Geophysical Research, 2010, 115, .	3.3	53
54	Two-step evolution of auroral acceleration at substorm onset. Journal of Geophysical Research, 2010, 115, .	3.3	22

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55	Multisatellite low-altitude observations of a magnetopause merging burst. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	4
56	Polar Ultraviolet Imager observation of auroral breakup. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	44
57	Pressure changes associated with substorm depolarization in the near-Earth plasma sheet. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	14
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	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
60	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
61	Propagation characteristics of Pi 2 pulsations observed at high- and low-latitude MAGDAS/CPMN stations: A statistical study. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	16
62	Comment on "Wavelet-based ULF wave diagnosis of substorm expansion phase onset" by K. Murphy et al.. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	6
63	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
64	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
65	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
66	Oscillations of the equatorward boundary of the ion auroral oval " radar observations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	1
67	Ballooning mode waves prior to substorm-associated dipolarizations: Geotail observations. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	96
68	Polar Ultraviolet Imager observations of solar wind-driven ULF auroral pulsations. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	9
69	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
70	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
71	Large, abrupt pressure decreases as a substorm onset trigger. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	13
72	"Compression aurora" Particle precipitation driven by long-duration high solar wind ram pressure. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	28

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73	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
74	Three-dimensional global simulation of multiple ICMs' interaction and propagation from the Sun to the heliosphere following the 25-28 October 2003 solar events. <i>Advances in Space Research</i> , 2007, 40, 1827-1834.	1.2	36
75	A case study of relationship between substorm expansion and global plasma convection. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	8
76	On the interplanetary magnetic field control of substorm bulge expansion. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	10
77	Correction to "A case study of relationship between substorm expansion and global plasma convection": <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	1.5	3
78	Magnetotail variations associated with substorm expansion onsets for storm time and nonstorm time. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	1
79	Cusp latitude and the optimal solar wind coupling function. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	43
80	Global auroral response to negative pressure impulses. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	20
81	Longitudinal dependence of characteristics of low-latitude Pi2 pulsations observed at Kakioka and Hermanus. <i>Earth, Planets and Space</i> , 2006, 58, 775-783.	0.9	18
82	Meso-scale aurora within the expansion phase bulge. <i>Annales Geophysicae</i> , 2006, 24, 2209-2218.	0.6	6
83	Ionospheric characteristics of the dusk-side branch of the two-cell aurora. <i>Annales Geophysicae</i> , 2006, 24, 203-214.	0.6	3
84	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
85	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
86	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
87	Neutral composition effects on ionospheric storms at middle and low latitudes. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	42
88	Observations of ionospheric plasma flows within theta auroras. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	16
89	Global and local equatorward expansion of the ion auroral oval before substorm onsets. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	7
90	Source of Pc4 pulsations observed on the nightside. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	19

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91	Plasmoids observed in the near-Earth magnetotail at $X \approx 7R_E$. Journal of Geophysical Research, 2005, 110, .	3.3	13
92	Substorm timings and timescales: A new aspect. Space Science Reviews, 2004, 113, 41-75.	3.7	39
93	Annual TEC variation in the equatorial anomaly region during the solar minimum: September 1996–August 1997. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 199-207.	0.6	92
94	Identification of substorms within storms. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 125-132.	0.6	14
95	Propagation characteristics of Pi 2 magnetic pulsations observed at ground high latitudes. Journal of Geophysical Research, 2004, 109, .	3.3	24
96	On the relationship between shock-induced polar magnetic bays and solar wind parameters. Journal of Geophysical Research, 2004, 109, .	3.3	26
97	Longitudinal structure of low-latitude Pi2 pulsations and its dependence on aurora. Journal of Geophysical Research, 2004, 109, .	3.3	19
98	Auroral streamers: characteristics of associated precipitation, convection and field-aligned currents. Annales Geophysicae, 2004, 22, 537-548.	0.6	89
99	Difference in magnetotail variations between intense and weak substorms. Journal of Geophysical Research, 2004, 109, .	3.3	29
100	Relationship between magnetotail variations and auroral activities during substorms. Journal of Geophysical Research, 2003, 108, SMP 13-1.	3.3	18
101	A new technique for short-term forecast of auroral activity. Geophysical Research Letters, 2003, 30, n/a-n/a.	1.5	8
102	Bursty bulk flow intrusion to the inner plasma sheet as inferred from auroral observations. Journal of Geophysical Research, 2003, 108, .	3.3	46
103	Correlation of auroral power with the polar cap index. Journal of Geophysical Research, 2003, 108, .	3.3	34
104	Quiet time magnetotail plasma flow: Coordinated Polar ultraviolet images and Geotail observations. Journal of Geophysical Research, 2003, 108, .	3.3	9
105	Quantitative relationships between plasma sheet fast flows and nightside auroral power. Journal of Geophysical Research, 2003, 108, .	3.3	9
106	Substorm associated changes in the high-latitude ionospheric convection. Geophysical Research Letters, 2003, 30, .	1.5	16
107	Evolution of the magnetotail associated with substorm auroral breakups. Journal of Geophysical Research, 2003, 108, .	3.3	32
108	Investigation of external triggering of substorms with Polar ultraviolet imager observations. Journal of Geophysical Research, 2003, 108, .	3.3	57

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109	OVATION: Oval variation, assessment, tracking, intensity, and online nowcasting. <i>Annales Geophysicae</i> , 2002, 20, 1039-1047.	0.6	54
110	Solar wind density and velocity control of auroral brightness under normal interplanetary magnetic field conditions. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 9-1-SMP 9-6.	3.3	18
111	Two-component auroras. <i>Geophysical Research Letters</i> , 2002, 29, 17-1-17-4.	1.5	15
112	Substorm onset location and the equatorward boundary of the proton auroral oval. <i>Geophysical Research Letters</i> , 2002, 29, 12-1-12-4.	1.5	5
113	The distribution of auroral power increases and decreases. <i>Geophysical Research Letters</i> , 2002, 29, 62-1-62-4.	1.5	3
114	Correlative study of ultraviolet aurora and low-latitude Pi2 pulsations. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 2-1-SMP 2-14.	3.3	9
115	Global auroral power as an index for geospace disturbances. <i>Geophysical Research Letters</i> , 2002, 29, 41-1.	1.5	18
116	Midday sub-auroral patches (MSPs) associated with interplanetary shocks. <i>Geophysical Research Letters</i> , 2002, 29, 18-1-18-4.	1.5	34
117	Magnetic dipolarization with substorm expansion onset. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 23-1.	3.3	82
118	Interplanetary magnetic field B _x asymmetry effect on auroral brightness. <i>Journal of Geophysical Research</i> , 2002, 107, SIA 16-1-SIA 16-10.	3.3	22
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	Timing and location of phenomena during auroral breakup: A case study. <i>Advances in Space Research</i> , 2002, 30, 1775-1778.	1.2	6
121	Seasonal effects on auroral particle acceleration and precipitation. <i>Journal of Geophysical Research</i> , 2001, 106, 5531-5542.	3.3	125
122	Plasmoid ejection and auroral brightenings. <i>Journal of Geophysical Research</i> , 2001, 106, 3845-3857.	3.3	82
123	Aurora conjugacy during substorms: Coordinated Antarctic ground and Polar Ultraviolet observations. <i>Journal of Geophysical Research</i> , 2001, 106, 24579-24591.	3.3	15
124	Estimation of global field aligned currents using the iridium [®] System magnetometer data. <i>Geophysical Research Letters</i> , 2001, 28, 2165-2168.	1.5	187
125	Flow bursts and auroral activations: Onset timing and foot point location. <i>Journal of Geophysical Research</i> , 2001, 106, 10777-10789.	3.3	128
126	Earthward flow bursts, auroral streamers, and small expansions. <i>Journal of Geophysical Research</i> , 2001, 106, 10791-10802.	3.3	257

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127	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
128	Polar UVI observations of dayside auroral transient events. Journal of Geophysical Research, 2001, 106, 28897-28911.	3.3	14
129	Auroral precipitation power during substorms: A Polar UV Imager-based superposed epoch analysis. Journal of Geophysical Research, 2001, 106, 28885-28896.	3.3	44
130	Observation of IMF and seasonal effects in the location of auroral substorm onset. Journal of Geophysical Research, 2001, 106, 5799-5810.	3.3	123
131	The quantitative relationship between auroral brightness and solar EUV Pedersen conductance. Journal of Geophysical Research, 2001, 106, 5883-5894.	3.3	49
132	Particle injections with auroral expansions. Journal of Geophysical Research, 2001, 106, 5873-5881.	3.3	31
133	Influence of interplanetary magnetic field on global auroral patterns. Journal of Geophysical Research, 2001, 106, 5913-5926.	3.3	50
134	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
135	Statistical patterns in X-ray and UV auroral emissions and energetic electron precipitation. Journal of Geophysical Research, 2001, 106, 5907-5911.	3.3	6
136	Substorm and convection bay compared: Auroral and magnetotail dynamics during convection bay. Journal of Geophysical Research, 2001, 106, 18843-18855.	3.3	53
137	Auroral polar cap boundary ion conic outflow observed on FAST. Journal of Geophysical Research, 2001, 106, 3603-3614.	3.3	53
138	Asymmetric sunlight effect on dayside/nightside auroral precipitation. Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 2001, 26, 43-47.	0.2	1
139	Westward traveling surge dynamics and the local structure of an isolated substorm. Advances in Space Research, 2001, 28, 1623-1629.	1.2	2
140	Study of a sequence of substorm onsets on the basis of coordinated ground-satellite observations. Physics and Chemistry of the Earth, 2000, 25, 559-563.	0.3	0
141	Global Positioning System phase fluctuations and ultraviolet images from the Polar satellite. Journal of Geophysical Research, 2000, 105, 5201-5213.	3.3	49
142	Auroral kilometric radiation at substorm onset. Journal of Geophysical Research, 2000, 105, 25325-25331.	3.3	37
143	Multiple-spacecraft observation of a narrow transient plasma jet in the Earth's plasma sheet. Geophysical Research Letters, 2000, 27, 851-854.	1.5	172
144	Is the dynamic magnetosphere an avalanching system?. Geophysical Research Letters, 2000, 27, 911-914.	1.5	135

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145	Conjunction of tail satellites for substorm study: ISTP event of 1997 January 2. <i>Geophysical Research Letters</i> , 2000, 27, 1831-1834.	1.5	4
146	“Blob” analysis of auroral substorm dynamics. <i>Journal of Geophysical Research</i> , 2000, 105, 16083-16091.	3.3	24
147	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
148	The effect of geomagnetic storm on ionospheric total electron content at the equatorial anomaly region. <i>Advances in Space Research</i> , 1999, 24, 1491-1494.	1.2	17
149	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
150	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
151	Comprehensive study of the magnetospheric response to a hot flow anomaly. <i>Journal of Geophysical Research</i> , 1999, 104, 4577-4593.	3.3	169
152	Near-Earth dipolarization: Evidence for a non-MHD process. <i>Geophysical Research Letters</i> , 1999, 26, 2905-2908.	1.5	52
153	On relative timing in substorm onset signatures. <i>Journal of Geophysical Research</i> , 1999, 104, 22807-22817.	3.3	79
154	Source region of 1500 MLT auroral bright spots: Simultaneous Polar UV-images and DMSP particle data. <i>Journal of Geophysical Research</i> , 1999, 104, 24587-24602.	3.3	32
155	Relative Timing on Magnetospheric Substorm Onset Signatures. , 1999, , 113-124.		0
156	Plasma and magnetic flux transport associated with auroral breakups. <i>Geophysical Research Letters</i> , 1998, 25, 4059-4062.	1.5	57
157	Ionospheric signature of a magnetic flux rope in the magnetotail. <i>Geophysical Research Letters</i> , 1998, 25, 3733-3736.	1.5	3
158	Characteristics of the solar wind controlled auroral emissions. <i>Journal of Geophysical Research</i> , 1998, 103, 17543-17557.	3.3	114
159	A Fresh Look at Substorm Onset Identifiers. <i>Astrophysics and Space Science Library</i> , 1998, , 249-252.	1.0	10
160	Ionospheric Conductivity and the Formation of Auroral Arcs: A Review with an Emphasis on Solar Cycle Effects. <i>Astrophysics and Space Science Library</i> , 1998, , 41-46.	1.0	0
161	Dayside auroral activity as a possible precursor of substorm onsets: A survey using Polar ultraviolet imagery. <i>Journal of Geophysical Research</i> , 1997, 102, 19835-19843.	3.3	13
162	Synoptic auroral distribution: A survey using Polar ultraviolet imagery. <i>Journal of Geophysical Research</i> , 1997, 102, 27197-27205.	3.3	122

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163	Momentum coupling in the "CRIT II" critical ionization velocity experiment. Journal of Geophysical Research, 1996, 101, 19649-19657.	3.3	4
164	On Ba ⁺ production in the CRIT II Experiment. Journal of Geophysical Research, 1995, 100, 5811.	3.3	8
165	Observation of electromagnetic oxygen cyclotron waves in a flickering aurora. Geophysical Research Letters, 1995, 22, 2465-2468.	1.5	31
166	Prompt ionization in the CRIT II barium releases. Geophysical Research Letters, 1992, 19, 973-976.	1.5	20
167	Narrow Plasma Streams as a Candidate to Populate the Inner Magnetosphere. Geophysical Monograph Series, 0, , 55-60.	0.1	8