

# P C Brandt

## List of Publications by Year in descending order

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153  
papers

5,910  
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61857

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174  
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174  
docs citations

174  
times ranked

2666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energetic neutral atom imaging of the terrestrial global magnetosphere. , 2022, , 23-58.		0
2	Interstellar probe â€œ Destination: Universe!. Acta Astronautica, 2022, 196, 13-28.	1.7	17
3	Interstellar Probe: Humanity's exploration of the Galaxy Begins. Acta Astronautica, 2022, 199, 364-373.	1.7	19
4	Soft Xâ€ray and ENA Imaging of the Earth's Dayside Magnetosphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028816.	0.8	13
5	Dynamic Challenges of Long Flexible Booms on a Spinning Outer Heliospheric Spacecraft. , 2021, , .		4
6	Interstellar Probe: A Practical Mission to Escape the Heliosphere. , 2021, , .		7
7	Periodic Narrowband Radio Wave Emissions and Inward Plasma Transport at Saturn's Magnetosphere. Astronomical Journal, 2020, 159, 249.	1.9	12
8	Reconstruction of Extreme Geomagnetic Storms: Breaking the Data Paucity Curse. Space Weather, 2020, 18, e2020SW002561.	1.3	10
9	Magnetospheric Studies: A Requirement for Addressing Interdisciplinary Mysteries in the Ice Giant Systems. Space Science Reviews, 2020, 216, 1.	3.7	16
10	Enabling a Near-Term Interstellar Probe with the Space Launch System. , 2019, , .		3
11	Empirical Modeling of Extreme Events: Storm-Time Geomagnetic Field, Electric Current, and Pressure Distributions. , 2018, , 259-279.		11
12	Towards a Global Unified Model of Europaâ€™s Tenuous Atmosphere. Space Science Reviews, 2018, 214, 1.	3.7	36
13	Imaging Plasma Density Structures in the Soft X-Rays Generated by Solar Wind Charge Exchange with Neutrals. Space Science Reviews, 2018, 214, 1.	3.7	47
14	A radiation belt of energetic protons located between Saturn and its rings. Science, 2018, 362, .	6.0	27
15	The â€œPuckâ€ energetic charged particle detector: Design, heritage, and advancements. Journal of Geophysical Research: Space Physics, 2016, 121, 7900-7913.	0.8	15
16	The Lowâ€Energy Neutral Imager (LENI). Journal of Geophysical Research: Space Physics, 2016, 121, 8228-8236.	0.8	6
17	Properties of planetward ion flows in Venusâ€™ magnetotail. Icarus, 2016, 274, 73-82.	1.1	25
18	Energetic particle imaging: The evolution of techniques in imaging highâ€energy neutral atom emissions. Journal of Geophysical Research: Space Physics, 2016, 121, 8804-8820.	0.8	15

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19	Transport of Mass, Momentum and Energy in Planetary Magnetodisc Regions. Space Sciences Series of ISSI, 2016, , 229-299.	0.0	0
20	Low-energy energetic neutral atom imaging of Io plasma and neutral tori. Planetary and Space Science, 2015, 108, 41-53.	0.9	10
21	1. Transport of Mass, Momentum and Energy in Planetary Magnetodisc Regions. Space Science Reviews, 2015, 187, 229-299.	3.7	32
22	Decrease in SYM-H during a storm main phase without evidence of a ring current injection. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 134, 118-129.	0.6	10
23	Local time dependences of oxygen ENA periodicities at Saturn. Journal of Geophysical Research: Space Physics, 2014, 119, 6577-6586.	0.8	6
24	The science case for an orbital mission to Uranus: Exploring the origins and evolution of ice giant planets. Planetary and Space Science, 2014, 104, 122-140.	0.9	56
25	Evolution of mass density and O <sup>+</sup> concentration at geostationary orbit during storm and quiet events. Journal of Geophysical Research: Space Physics, 2014, 119, 6417-6431.	0.8	21
26	Estimation of temporal evolution of the helium plasmasphere based on a sequence of IMAGE/EUV images. Journal of Geophysical Research: Space Physics, 2014, 119, 3708-3723.	0.8	8
27	Estimation of the helium ion density distribution in the plasmasphere based on a single IMAGE/EUV image. Journal of Geophysical Research: Space Physics, 2014, 119, 3724-3740.	0.8	6
28	Multispectral simultaneous diagnosis of Saturn's aurorae throughout a planetary rotation. Journal of Geophysical Research: Space Physics, 2013, 118, 4817-4843.	0.8	74
29	Energization of O <sup>+</sup> ions in the Earth's inner magnetosphere and the effects on ring current buildup: A review of previous observations and possible mechanisms. Journal of Geophysical Research: Space Physics, 2013, 118, 4441-4464.	0.8	94
30	Radiation Belt Storm Probes Ion Composition Experiment (RBSPICE). Space Science Reviews, 2013, 179, 263-308.	3.7	155
31	Ground and satellite observations of low-latitude red auroras at the initial phase of magnetic storms. Journal of Geophysical Research: Space Physics, 2013, 118, 256-270.	0.8	17
32	The extended Saturnian neutral cloud as revealed by global ENA simulations using Cassini/MIMI measurements. Journal of Geophysical Research: Space Physics, 2013, 118, 3027-3041.	0.8	30
33	HELIOSPHERIC ENERGETIC NEUTRAL HYDROGEN MEASURED WITH ASPERA-3 AND ASPERA-4. Astrophysical Journal, 2013, 775, 24.	1.6	8
34	Radiation Belt Storm Probes Ion Composition Experiment (RBSPICE). , 2013, , 263-308.		11
35	Phase transitions in 2D plasma crystals driven by tunable interactions. , 2012, , .		0
36	Uranus Pathfinder: exploring the origins and evolution of Ice Giant planets. Experimental Astronomy, 2012, 33, 753-791.	1.6	44

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37	The distribution of Titan's high-altitude (out to $\sim 450,000$ km) exosphere from energetic neutral atom (ENA) measurements by Cassini/INCA. <i>Planetary and Space Science</i> , 2012, 60, 107-114.	0.9	28
38	Evolution of ring current ion energy spectra during the storm recovery phase: Implication for dominant ion loss processes. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	14
39	Magnetic field depression at the Earth's surface during energetic neutral atom emission fade-out in the inner magnetosphere. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	1
40	Rapid decay of storm time ring current due to pitch angle scattering in curved field line. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	32
41	The ion population of the magnetotail during the 17 April 2002 magnetic storm: Large-scale kinetic simulations and IMAGE/HENA observations. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	18
42	ENA periodicities and their phase relations to SKR emissions at Saturn. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	9
43	The Storm-Time Injection of Ions into the Inner Magnetosphere: Large-Scale Kinetic Simulations and IMAGE/HENA Observations. <i>AIP Conference Proceedings</i> , 2011, , .	0.3	1
44	Statistical analysis of the energetic ion and ENA data for the Titan environment. <i>Planetary and Space Science</i> , 2010, 58, 1811-1822.	0.9	32
45	String-fluid transition in systems with aligned anisotropic interactions. <i>Journal of Chemical Physics</i> , 2010, 132, 234709.	1.2	10
46	Dynamics of ring current and electric fields in the inner magnetosphere during disturbed periods: CRISM-BATS-CUS coupled model. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	42
47	Venusian bow shock as seen by the ASPERA-4 ion instrument on Venus Express. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	9
48	Asymmetries in Saturn's radiation belts. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	28
49	Empirical modeling of a CIR-driven magnetic storm. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	38
50	Energetic, $\sim 45$ –90 keV neutral atom imaging of a weak substorm with STEREO/STE. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	4
51	Saturn's periodic magnetic field perturbations caused by a rotating partial ring current. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	37
52	Ring current dynamics in moderate and strong storms: Comparative analysis of TWINS and IMAGE/HENA data with the Comprehensive Ring Current Model. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	39
53	Magnetic field dipolarization in the deep inner magnetosphere and its role in development of O <sup>+</sup> ring current. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	48
54	Evolution of low-altitude and ring current ENA emissions from a moderate magnetospheric storm: Continuous and simultaneous TWINS observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	39

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55	Comparison of TWINS images of low-altitude emission of energetic neutral atoms with DMSP precipitating ion fluxes. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	43
56	Inductive electric fields in the inner magnetosphere during geomagnetically active periods. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	16
57	Comparisons between ion distributions retrieved from ENA images of the ring current and contemporaneous, multipoint ion measurements recorded in situ during the major magnetic storm of 15 May 2005. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	9
58	Transport of energetic electrons into Saturn's inner magnetosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	34
59	Mass-dependent evolution of energetic neutral atoms energy spectra during storm time substorms: Implication for O <sup>+</sup> nonadiabatic acceleration. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	24
60	Moderate geomagnetic storm (21-22 January 2005) triggered by an outstanding coronal mass ejection viewed via energetic neutral atoms. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	14
61	A Residual Source of Energetic Neutral Atoms Across the Sky Obtained by the Neutral Particle Detector on board Venus Express. , 2009, , .		3
62	The Two Wide-angle Imaging Neutral-atom Spectrometers (TWINS) NASA Mission-of-Opportunity. <i>Space Science Reviews</i> , 2009, 142, 157-231.	3.7	170
63	IBEX Backgrounds and Signal-to-Noise Ratio. <i>Space Science Reviews</i> , 2009, 146, 173-206.	3.7	26
64	Statistical analysis of the observations of the MEX/ASPERA-3 NPI in the shadow. <i>Planetary and Space Science</i> , 2009, 57, 1000-1007.	0.9	7
65	Recurrent energization of plasma in the midnight-to-dawn quadrant of Saturn's magnetosphere, and its relationship to auroral UV and radio emissions. <i>Planetary and Space Science</i> , 2009, 57, 1732-1742.	0.9	140
66	Energetic neutral atom (ENA) and charged particle periodicities in Saturn's magnetosphere. <i>Advances in Space Research</i> , 2009, 44, 483-493.	1.2	14
67	Energetic ion spectral characteristics in the Saturnian magnetosphere using Cassini/MIMI measurements. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	111
68	Titan's exosphere and its interaction with Saturn's magnetosphere. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009, 367, 743-752.	1.6	7
69	Location of the bow shock and ion composition boundaries at Venus's initial determinations from Venus Express ASPERA-4. <i>Planetary and Space Science</i> , 2008, 56, 780-784.	0.9	64
70	The Venusian induced magnetosphere: A case study of plasma and magnetic field measurements on the Venus Express mission. <i>Planetary and Space Science</i> , 2008, 56, 796-801.	0.9	22
71	Mars Express and Venus Express multi-point observations of geoeffective solar flare events in December 2006. <i>Planetary and Space Science</i> , 2008, 56, 873-880.	0.9	102
72	Ionospheric photoelectrons at Venus: Initial observations by ASPERA-4 ELS. <i>Planetary and Space Science</i> , 2008, 56, 802-806.	0.9	48

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73	First observation of energetic neutral atoms in the Venus environment. <i>Planetary and Space Science</i> , 2008, 56, 807-811.	0.9	19
74	Comparative analysis of Venus and Mars magnetotails. <i>Planetary and Space Science</i> , 2008, 56, 812-817.	0.9	48
75	ENA detection in the dayside of Mars: ASPERA-3 NPD statistical study. <i>Planetary and Space Science</i> , 2008, 56, 840-845.	0.9	18
76	Controlling factors of Region 2 field-aligned current and its relationship to the ring current: Model results. <i>Advances in Space Research</i> , 2008, 41, 1234-1242.	1.2	3
77	A method for estimating the ring current structure and the electric potential distribution using energetic neutral atom data assimilation. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	17
78	On ionospheric trough conductance and subauroral polarization streams: Simulation results. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	41
79	Track analysis of energetic neutral atom blobs at Saturn. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	19
80	Statistical morphology of ENA emissions at Saturn. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	48
81	Using measurements of Energetic Neutral Atoms from low Earth orbit to infer global magnetospheric ion distributions. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	1
82	Dynamical data-based modeling of the storm-time geomagnetic field with enhanced spatial resolution. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	77
83	ENA periodicities at Saturn. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	57
84	Understanding the global evolution of Saturn's ring current. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	30
85	Periodic tilting of Saturn's plasma sheet. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	44
86	The lower exosphere of Titan: Energetic neutral atoms absorption and imaging. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	18
87	Rice Convection Model simulation of the 18 April 2002 sawtooth event and evidence for interchange instability. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	21
88	Iterative inversion of global magnetospheric ion distributions using energetic neutral atom (ENA) images recorded by the NUADU/TC2 instrument. <i>Annales Geophysicae</i> , 2008, 26, 1641-1652.	0.6	10
89	Energetic electrons injected into Saturn's neutral gas cloud. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	46
90	Cluster observations in the inner magnetosphere during the 18 April 2002 sawtooth event: Dipolarization and injection at $r = 4.6 R_E$ . <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	40

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91	Energetic neutral atom response to solar wind dynamic pressure enhancements. Journal of Geophysical Research, 2007, 112, .	3.3	17
92	The exosphere of Titan and its interaction with the kronian magnetosphere: MIMI observations and modeling. Planetary and Space Science, 2007, 55, 165-173.	0.9	34
93	The Analyser of Space Plasmas and Energetic Atoms (ASPERA-4) for the Venus Express mission. Planetary and Space Science, 2007, 55, 1772-1792.	0.9	214
94	The loss of ions from Venus through the plasma wake. Nature, 2007, 450, 650-653.	13.7	168
95	Auroral Plasma Acceleration Above Martian Magnetic Anomalies. Space Science Reviews, 2007, 126, 333-354.	3.7	28
96	IMF Direction Derived from Cycloid-Like Ion Distributions Observed by Mars Express. Space Science Reviews, 2007, 126, 239-266.	3.7	21
97	Modeling the ring current response to a sawtooth oscillation event. Journal of Atmospheric and Solar-Terrestrial Physics, 2007, 69, 67-76.	0.6	9
98	Magnetospheric and auroral activity during the 18 April 2002 sawtooth event. Journal of Geophysical Research, 2006, 111, .	3.3	100
99	Nightside thermospheric FUV emissions due to energetic neutral atom precipitation during magnetic superstorms. Journal of Geophysical Research, 2006, 111, .	3.3	20
100	Statistical characteristics of hydrogen and oxygen ENA emission from the storm-time ring current. Journal of Geophysical Research, 2006, 111, .	3.3	21
101	Convection electric field in the near-Earth tail during the super magnetic storm of November 20â€“21, 2003. Geophysical Research Letters, 2006, 33, .	1.5	5
102	Relationship between Region 2 field-aligned current and the ring current: Model results. Journal of Geophysical Research, 2006, 111, .	3.3	24
103	Modeling global O+ substorm injection using analytic magnetic field model. Journal of Geophysical Research, 2006, 111, .	3.3	20
104	Source location of the wedge-like dispersed ring current in the morning sector during a substorm. Journal of Geophysical Research, 2006, 111, .	3.3	20
105	Storm time evolution of the outer radiation belt: Transport and losses. Journal of Geophysical Research, 2006, 111, .	3.3	155
106	Analyzing electric field morphology through data-model comparisons of the Geospace Environment Modeling Inner Magnetosphere/Storm Assessment Challenge events. Journal of Geophysical Research, 2006, 111, .	3.3	37
107	Contribution of charge exchange loss to the storm time ring current decay: IMAGE/HENA observations. Journal of Geophysical Research, 2006, 111, .	3.3	30
108	Impulsive enhancements of oxygen ions during substorms. Journal of Geophysical Research, 2006, 111, .	3.3	99

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109	Anti-planetward auroral electron beams at Saturn. <i>Nature</i> , 2006, 439, 699-702.	13.7	40
110	First ENA observations at Mars: Subsolar ENA jet. <i>Icarus</i> , 2006, 182, 413-423.	1.1	42
111	First ENA observations at Mars: ENA emissions from the martian upper atmosphere. <i>Icarus</i> , 2006, 182, 424-430.	1.1	53
112	First ENA observations at Mars: Charge exchange ENAs produced in the magnetosheath. <i>Icarus</i> , 2006, 182, 431-438.	1.1	39
113	Ionospheric plasma acceleration at Mars: ASPERA-3 results. <i>Icarus</i> , 2006, 182, 308-319.	1.1	48
114	Energetic Neutral Atoms (ENA) at Mars: Properties of the hydrogen atoms produced upstream of the martian bow shock and implications for ENA sounding technique around non-magnetized planets. <i>Icarus</i> , 2006, 182, 448-463.	1.1	22
115	First ENA observations at Mars: Solar-wind ENAs on the nightside. <i>Icarus</i> , 2006, 182, 439-447.	1.1	27
116	Plasma Acceleration Above Martian Magnetic Anomalies. <i>Science</i> , 2006, 311, 980-983.	6.0	111
117	An overview of the scientific objectives and technical configuration of the NeUtral Atom Detector Unit (NUADU) for the Chinese Double Star Mission. <i>Planetary and Space Science</i> , 2005, 53, 335-348.	0.9	11
118	On the relation between electric fields in the inner magnetosphere, ring current, auroral conductance, and plasmopause motion. <i>Geophysical Monograph Series</i> , 2005, , 159-166.	0.1	6
119	Small-scale structure in the stormtime ring current. <i>Geophysical Monograph Series</i> , 2005, , 167-177.	0.1	14
120	Oxygen in the ring current during major storms. <i>Advances in Space Research</i> , 2005, 36, 1758-1761.	1.2	6
121	The NUADU experiment on TC-2 and the first Energetic Neutral Atom (ENA) images recorded by this instrument. <i>Annales Geophysicae</i> , 2005, 23, 2825-2849.	0.6	10
122	Electron pitch angle variations recorded at the high magnetic latitude boundary layer by the NUADU instrument on the TC-2 spacecraft. <i>Annales Geophysicae</i> , 2005, 23, 2953-2959.	0.6	1
123	Dynamics of Saturn's Magnetosphere from MIMI During Cassini's Orbital Insertion. <i>Science</i> , 2005, 307, 1270-1273.	6.0	166
124	Storm-time convection electric field in the near-Earth plasma sheet. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	29
125	Storm-substorm relationship: Variations of the hydrogen and oxygen energetic neutral atom intensities during storm-time substorms. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	46
126	Energetic particle injections in Saturn's magnetosphere. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	109

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127	Energetic ion acceleration in Saturn's magnetotail: Substorms at Saturn?. Geophysical Research Letters, 2005, 32, .	1.5	124
128	Observations of energetic neutral oxygen by IMAGE/HENA and Geotail/EPIC. Geophysical Research Letters, 2005, 32, .	1.5	10
129	Storm-time enhancement of mid-latitude ultraviolet emissions due to energetic neutral atom precipitation. Geophysical Research Letters, 2005, 32, .	1.5	13
130	Proton temperatures in the ring current from ENA images and in situ measurements. Geophysical Research Letters, 2005, 32, .	1.5	15
131	Periodic intensity variations in global ENA images of Saturn. Geophysical Research Letters, 2005, 32, .	1.5	71
132	Parametric analysis of nightside conductance effects on inner magnetospheric dynamics for the 17 April 2002 storm. Journal of Geophysical Research, 2005, 110, .	3.3	65
133	Energetic Neutral Atom Emissions from Titan Interaction with Saturn's Magnetosphere. Science, 2005, 308, 989-992.	6.0	44
134	Solar Wind-Induced Atmospheric Erosion at Mars: First Results from ASPERA-3 on Mars Express. Science, 2004, 305, 1933-1936.	6.0	204
135	First comparisons of local ion measurements in the inner magnetosphere with energetic neutral atom magnetospheric image inversions: Cluster-CIS and IMAGE-HENA observations. Journal of Geophysical Research, 2004, 109, .	3.3	51
136	Global imaging of O <sup>+</sup> from IMAGE/HENA. Space Science Reviews, 2003, 109, 63-75.	3.7	120
137	The Role and Contributions of Energetic Neutral Atom (ENA) Imaging in Magnetospheric Substorm Research. Space Science Reviews, 2003, 109, 155-182.	3.7	20
138	Tail-dominated storm main phase: 31 March 2001. Journal of Geophysical Research, 2003, 108, .	3.3	29
139	Storm-substorm relationships during the 4 October, 2000 storm. IMAGE Global ENA imaging results. Geophysical Monograph Series, 2003, , 103-118.	0.1	12
140	Global ENA observations of the storm mainphase ring current: Implications for skewed electric fields in the inner magnetosphere. Geophysical Research Letters, 2002, 29, 15-1-15-3.	1.5	92
141	IMAGE/high-energy energetic neutral atom: Global energetic neutral atom imaging of the plasma sheet and ring current during substorms. Journal of Geophysical Research, 2002, 107, SMP 21-1-SMP 21-13.	3.3	48
142	Imaging two geomagnetic storms in energetic neutral atoms. Geophysical Research Letters, 2001, 28, 1151-1154.	1.5	73
143	Global dynamics of the plasmasphere and ring current during magnetic storms. Geophysical Research Letters, 2001, 28, 1159-1162.	1.5	75
144	Initial ion equatorial pitch angle distributions from medium and high energy neutral atom images obtained by IMAGE. Geophysical Research Letters, 2001, 28, 1155-1158.	1.5	46

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145	Energetic neutral atom imaging at low altitudes from the Swedish microsatellite Astrid: Extraction of the equatorial ion distribution. <i>Journal of Geophysical Research</i> , 2001, 106, 25731-25744.	3.3	35
146	Energetic neutral atom imaging at low altitudes from the Swedish microsatellite Astrid: Observations at low ( $\approx 10$ keV) energies. <i>Journal of Geophysical Research</i> , 2001, 106, 24663-24674.	3.3	29
147	Energetic neutral atom imaging of Mercury's magnetosphere 2. Distribution of energetic charged particles in a compact magnetosphere. <i>Planetary and Space Science</i> , 2001, 49, 1677-1684.	0.9	21
148	Energetic neutral atom imaging of Mercury's magnetosphere 3. Simulated images and instrument requirements. <i>Planetary and Space Science</i> , 2001, 49, 1685-1692.	0.9	17
149	Bastille Day storm: Global response of the terrestrial ring current. <i>Solar Physics</i> , 2001, 204, 377-386.	1.0	21
150	Energetic neutral atom imaging at low altitudes from the Swedish microsatellite Astrid: Images and spectral analysis. <i>Journal of Geophysical Research</i> , 1999, 104, 2367-2379.	3.3	37
151	Energetic neutral atom imaging by the Astrid microsatellite. <i>Advances in Space Research</i> , 1997, 20, 1055-1060.	1.2	51
152	Ion acceleration processes in the Hermean and terrestrial magnetospheres. <i>Advances in Space Research</i> , 1997, 19, 1593-1607.	1.2	22
153	The Linkage between the Ring Current and the Ionosphere System. <i>Geophysical Monograph Series</i> , 0, , 135-143.	0.1	9