

Berndt Klecker

List of Publications by Year in descending order

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273
papers

11,516
citations

28274
55
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39675
94
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275
all docs

275
docs citations

275
times ranked

3299
citing authors

#	ARTICLE	IF	CITATIONS
1	Density Compressions at Magnetic Switchbacks Associated With Fast Plasma: A Superposed Epoch Analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	2
2	Performance and simulated moment uncertainties of an ion spectrometer with asymmetric 2Œ field of view for ion measurements in space. <i>Review of Scientific Instruments</i> , 2021, 92, 024501.	1.3	1
3	Energetic Charged Particles in the Terrestrial Magnetosphere: Cluster/RAPID Results. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029273.	2.4	3
4	A Mechanism for the Fractionation of Isotopes in ^3He -rich Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2021, 906, 6.	4.5	2
5	The Energetic Particle Detector. <i>Astronomy and Astrophysics</i> , 2020, 642, A7.	5.1	107
6	Unusually low density regions in the compressed slow wind: Solar wind transients of small coronal hole origin. <i>Astronomy and Astrophysics</i> , 2020, 635, A49.	5.1	3
7	A Possible Enrichment of Heavy and Ultraheavy Ions in Solar Energetic Particle Events Due to a Combined Effect of Stochastic Acceleration and Coulomb Losses. <i>Astrophysical Journal</i> , 2020, 888, 48.	4.5	8
8	Quantifying the Contribution of Microbursts to Global Electron Loss in the Radiation Belts. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1111-1124.	2.4	20
9	Observation of Suprathermal Tails of He ⁺ Pickup Ions across Solar Wind Compression Regions with STEREO PLASTIC. <i>Journal of Physics: Conference Series</i> , 2019, 1332, 012011.	0.4	2
10	Isotopic Fractionation in ^3He -rich SEP Events. <i>Journal of Physics: Conference Series</i> , 2019, 1332, 012017.	0.4	1
11	The Warped Heliospheric Current Sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9814-9823.	2.4	3
12	A Possible Mechanism for Enriching Heavy Ions in ^3He -rich Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2018, 862, 7.	4.5	9
13	The Distributions of Iron Average Charge States in Small Flux Ropes in Interplanetary Space: Clues to Their Twisted Structures. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7167-7180.	2.4	17
14	SAMPEx observations of the South Atlantic anomaly secular drift during solar cycles 22–24. <i>Space Weather</i> , 2017, 15, 44-52.	3.7	16
15	Contribution of energetic and heavy ions to the plasma pressure: The 27 September to 3 October 2002 storm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9427-9439.	2.4	16
16	In Situ Analysis of Heliospheric Current Sheet Propagation. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9803-9814.	2.4	5
17	A multispacecraft study of a small flux rope entrained by rolling back magnetic field lines. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6927-6939.	2.4	11
18	High-time resolution measurements of solar wind heavy ions with SOHO/CELIAS/CTOF. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2

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19	Suprathermal helium associated with corotating interaction regions: A case study. AIP Conference Proceedings, 2016, , .	0.4	0
20	A statistical study of EMIC waves observed by Cluster: 2. Associated plasma conditions. Journal of Geophysical Research: Space Physics, 2016, 121, 6458-6479.	2.4	45
21	Coincidence of heliospheric current sheet and stream interface: Implications for the origin and evolution of the solar wind. Journal of Geophysical Research: Space Physics, 2016, 121, 19-29.	2.4	20
22	A multievent study of the coincidence of heliospheric current sheet and stream interface. Journal of Geophysical Research: Space Physics, 2016, 121, 10,768.	2.4	9
23	Observations of the He+ pickup ion torus velocity distribution function with SOHO/CELIAS/CTOF. AIP Conference Proceedings, 2016, , .	0.4	2
24	Contamination in electron observations of the silicon detector on board Cluster/RAPID/IES instrument in Earth's radiation belts and ring current. Space Weather, 2016, 14, 449-462.	3.7	9
25	A statistical study of EMIC waves observed by Cluster: 1. Wave properties. Journal of Geophysical Research: Space Physics, 2015, 120, 5574-5592.	2.4	136
26	Acceleration of O+ from the cusp to the plasma sheet. Journal of Geophysical Research: Space Physics, 2015, 120, 1022-1034.	2.4	23
27	Experimental test of the $\tilde{\nu}(1-\tilde{\nu})$ evolution for rotational discontinuities: cluster magnetopause observations. Annales Geophysicae, 2015, 33, 79-91.	1.6	7
28	Evidence for the braking of flow bursts as they propagate toward the Earth. Journal of Geophysical Research: Space Physics, 2014, 119, 9004-9018.	2.4	22
29	ELECTROMAGNETIC WAVES NEAR THE PROTON CYCLOTRON FREQUENCY: STEREO OBSERVATIONS. Astrophysical Journal, 2014, 786, 123.	4.5	66
30	OBSERVATION OF HIGH IRON CHARGE STATES AT LOW ENERGIES IN SOLAR ENERGETIC PARTICLE EVENTS. Astrophysical Journal, 2014, 785, 26.	4.5	5
31	The relationship between sawtooth events and O+ in the plasma sheet. Journal of Geophysical Research: Space Physics, 2014, 119, 1572-1586.	2.4	15
32	A statistical analysis of heliospheric plasma sheets, heliospheric current sheets, and sector boundaries observed in situ by STEREO. Journal of Geophysical Research: Space Physics, 2014, 119, 8721-8732.	2.4	30
33	Testing linear theory of EMIC waves in the inner magnetosphere: Cluster observations. Journal of Geophysical Research: Space Physics, 2014, 119, 1004-1027.	2.4	26
34	The evolution of flux pileup regions in the plasma sheet: Cluster observations. Journal of Geophysical Research: Space Physics, 2013, 118, 6279-6290.	2.4	24
35	Heavy ion effects on substorm loading and unloading in the Earth's magnetotail. Journal of Geophysical Research: Space Physics, 2013, 118, 2101-2112.	2.4	23
36	On the variability of He+ suprathermal tails. AIP Conference Proceedings, 2013, , .	0.4	4

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37	Current understanding of SEP acceleration and propagation. Journal of Physics: Conference Series, 2013, 409, 012015.	0.4	11
38	Bimodal fluxes of near-relativistic electrons during the onset of solar particle events. Journal of Geophysical Research: Space Physics, 2013, 118, 4005-4020.	2.4	5
39	Inflow direction of interstellar neutrals deduced from pickup ion measurements at 1 AU. Journal of Geophysical Research, 2012, 117, .	3.3	30
40	On the origin of the energetic ion events measured upstream of the Earth's bow shock by STEREO, Cluster, and Geotail. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	26
41	On the divergence of the auroral electrojets. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	10
42	Possibility of solar energetic particles enrichment with trans-iron ions via the effect of coulomb losses in the acceleration region. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 755-757.	0.6	1
43	Diagnostics of corotating interaction regions with the kinetic properties of iron ions as determined with STEREO/PLASTIC. Annales Geophysicae, 2010, 28, 491-497.	1.6	2
44	ANISOTROPIC THREE-DIMENSIONAL FOCUSED TRANSPORT OF SOLAR ENERGETIC PARTICLES IN THE INNER HELIOSPHERE. Astrophysical Journal, 2010, 709, 912-919.	4.5	135
45	Geomagnetic activity effects on plasma sheet energy conversion. Annales Geophysicae, 2010, 28, 1813-1825.	1.6	2
46	Proton Enhancement and Decreased O ⁶⁺ /H at the Heliospheric Current Sheet: Implications for the Origin of Slow Solar Wind. AIP Conference Proceedings, 2010, , .	0.4	4
47	Kinetic temperatures of iron ions in the solar wind observed with STEREO-PLASTIC. , 2010, , .		2
48	Cusp as a source for oxygen in the plasma sheet during geomagnetic storms. Journal of Geophysical Research, 2010, 115, .	3.3	78
49	Observations of interstellar neon in the helium focusing cone. Journal of Geophysical Research, 2010, 115, .	3.3	14
50	H ⁺ and O ⁺ content of the plasma sheet at 15-19 Re as a function of geomagnetic and solar activity. Journal of Geophysical Research, 2010, 115, .	3.3	71
51	A new technique for determining orientation and motion of a 2-D, non-planar magnetopause. Annales Geophysicae, 2010, 28, 753-778.	1.6	8
52	Outflowing protons and heavy ions as a source for the sub-keV ring current. Annales Geophysicae, 2009, 27, 839-849.	1.6	6
53	Cluster survey of the mid-altitude cusp - Part 2: Large-scale morphology. Annales Geophysicae, 2009, 27, 1875-1886.	1.6	18
54	Scale size and life time of energy conversion regions observed by Cluster in the plasma sheet. Annales Geophysicae, 2009, 27, 4147-4155.	1.6	5

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55	Solar wind elemental abundances related to the Sun's open magnetic flux. <i>Astronomy and Astrophysics</i> , 2009, 505, 1237-1244.	5.1	2
56	Evolution of dipolarization in the near-Earth current sheet induced by Earthward rapid flux transport. <i>Annales Geophysicae</i> , 2009, 27, 1743-1754.	1.6	129
57	Temporal Evolution of the Solar Wind Bulk Velocity at Solar Minimum by Correlating the STEREO A and PLASTIC Measurements. <i>Solar Physics</i> , 2009, 256, 365-377.	2.5	37
58	In Situ Observations of Solar Wind Stream Interface Evolution. <i>Solar Physics</i> , 2009, 259, 323-344.	2.5	23
59	Diagnostics of interplanetary and flaring plasmas in impulsive solar energetic particle events. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2009, 73, 291-293.	0.6	0
60	Auroral arc and oval electrodynamics in the Harang region. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	19
61	Multipoint observations of ions in the 30–160 keV energy range upstream of the Earth's bow shock. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	21
62	4.3.6 Interplanetary particles and magnetic fields. <i>Landolt-Börnstein - Group VI Astronomy and Astrophysics</i> , 2009, , 685-711.	0.1	1
63	Solar wind ion trends and signatures: STEREO PLASTIC observations approaching solar minimum. <i>Annales Geophysicae</i> , 2009, 27, 3909-3922.	1.6	12
64	Occurrence and location of concentrated load and generator regions observed by Cluster in the plasma sheet. <i>Annales Geophysicae</i> , 2009, 27, 4131-4146.	1.6	14
65	The Plasma and Suprathermal Ion Composition (PLASTIC) Investigation on the STEREO Observatories. <i>Space Science Reviews</i> , 2008, 136, 437-486.	8.1	360
66	Study of waves in the magnetotail region with cluster and DSP. <i>Advances in Space Research</i> , 2008, 41, 1593-1597.	2.6	8
67	Plasma sheet oscillations and their relation to substorm development: Cluster and double star TC1 case study. <i>Advances in Space Research</i> , 2008, 41, 1585-1592.	2.6	3
68	Magnetotail dipolarization and associated current systems observed by Cluster and Double Star. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	14
69	Response of the inner magnetosphere and the plasma sheet to a sudden impulse. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	31
70	Energy-Dependent Charge States and Their Connection with Ion Abundances in Impulsive Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2008, 687, 623-634.	4.5	43
71	Effects of Solar Magnetic Activity on the Charge States of Minor Ions of Solar Wind. <i>Astrophysical Journal</i> , 2008, 678, L145-L148.	4.5	1
72	Charge State Formation of Energetic Ultraheavy Ions in a Hot Plasma. <i>Astrophysical Journal</i> , 2008, 681, 1653-1659.	4.5	12

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73	An assessment of the role of the centrifugal acceleration mechanism in high altitude polar cap oxygen ion outflow. <i>Annales Geophysicae</i> , 2008, 26, 145-157.	1.6	38
74	Transients in oxygen outflow above the polar cap as observed by the Cluster spacecraft. <i>Annales Geophysicae</i> , 2008, 26, 3365-3373.	1.6	19
75	Evidence of a Two- π Temperature Source Region in the $^{3+}$ He-Rich Solar Energetic Particle Event of 2000 May 1. <i>Astrophysical Journal</i> , 2007, 671, 947-954.	4.5	26
76	Flow burst-induced Kelvin-Helmholtz waves in the terrestrial magnetotail. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	33
77	Scattering of field-aligned beam ions upstream of Earth's bow shock. <i>Annales Geophysicae</i> , 2007, 25, 785-799.	1.6	30
78	Solar Energetic Particle Charge States: An Overview. <i>Space Science Reviews</i> , 2007, 124, 289-301.	8.1	28
79	Ionic Charge States of Solar Energetic Particles: A Clue to the Source. <i>Space Science Reviews</i> , 2007, 130, 273-282.	8.1	35
80	Cluster observations of a field aligned current at the dawn flank of a bursty bulk flow. <i>Annales Geophysicae</i> , 2007, 25, 1405-1415.	1.6	43
81	Ionic Charge States of Solar Energetic Particles: A Clue to the Source. <i>Space Sciences Series of ISSI</i> , 2007, , 273-282.	0.0	0
82	Ion composition and pressure changes in storm time and nonstorm substorms in the vicinity of the near-Earth neutral line. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	81
83	Experimental investigation of auroral generator regions with conjugate Cluster and FAST data. <i>Annales Geophysicae</i> , 2006, 24, 619-635.	1.6	23
84	Electric field measurements on Cluster: comparing the double-probe and electron drift techniques. <i>Annales Geophysicae</i> , 2006, 24, 275-289.	1.6	64
85	Observations of concentrated generator regions in the nightside magnetosphere by Cluster/FAST conjunctions. <i>Annales Geophysicae</i> , 2006, 24, 637-649.	1.6	23
86	Cluster survey of the mid-altitude cusp: 1. size, location, and dynamics. <i>Annales Geophysicae</i> , 2006, 24, 3011-3026.	1.6	32
87	Observation of energy-dependent ionic charge states in impulsive solar energetic particle events. <i>Advances in Space Research</i> , 2006, 38, 493-497.	2.6	28
88	Detailed analysis of low-energy electron streaming in the near-Earth neutral line region during a substorm. <i>Advances in Space Research</i> , 2006, 37, 1382-1387.	2.6	9
89	The anisotropy of precipitating auroral electrons: A FAST case study. <i>Advances in Space Research</i> , 2006, 38, 1694-1701.	2.6	5
90	Energetic Particle Observations. <i>Space Science Reviews</i> , 2006, 123, 217-250.	8.1	51

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91	ICMEs in the Inner Heliosphere: Origin, Evolution and Propagation Effects. Space Science Reviews, 2006, 123, 383-416.	8.1	91
92	Energetic Particle Observations. Space Sciences Series of ISSI, 2006, , 217-250.	0.0	2
93	Solar energetic particle composition. Geophysical Monograph Series, 2006, , 147-156.	0.1	2
94	Acceleration and Transport Modeling of Solar Energetic Particle Charge States for the Event of 1998 September 9. Astrophysical Journal, 2006, 645, 1516-1524.	4.5	23
95	Alfvén waves in the near-PSBL lobe: Cluster observations. Annales Geophysicae, 2006, 24, 1001-1013.	1.6	13
96	Characteristics of high altitude oxygen ion energization and outflow as observed by Cluster: a statistical study. Annales Geophysicae, 2006, 24, 1099-1112.	1.6	55
97	Statistical study of the location and size of the electron edge of the Low-Latitude Boundary Layer as observed by Cluster at mid-altitudes. Annales Geophysicae, 2006, 24, 2645-2665.	1.6	15
98	The structure of flux transfer events recovered from Cluster data. Annales Geophysicae, 2006, 24, 603-618.	1.6	97
99	Solar Energetic Particle Charge States: An Overview. Space Sciences Series of ISSI, 2006, , 289-301.	0.0	0
100	Remote sensing of solar activity by energetic charged and neutral particles with Solar Orbiter. Advances in Space Research, 2005, 36, 1387-1398.	2.6	5
101	Development and calibration of major components for the STEREO/PLASTIC (plasma and suprathermal) Tj ETQq1 1,0784314,rgBT /Over	2.6	9
102	Multipoint observations of ionic structures in the plasmasphere by CLUSTERâ€”CIS and comparisons with IMAGE-EUV observations and with model simulations. Geophysical Monograph Series, 2005, , 23-53.	0.1	27
103	Multi-point observation of the high-speed flows in the plasma sheet. Advances in Space Research, 2005, 36, 1444-1447.	2.6	17
104	Cluster Observes the High-Altitude CUSP Region. Surveys in Geophysics, 2005, 26, 135-175.	4.6	34
105	Electric current and magnetic field geometry in flapping magnetotail current sheets. Annales Geophysicae, 2005, 23, 1391-1403.	1.6	171
106	Survey of energetic O<sup>+</sup> ions near the dayside mid-latitude magnetopause with Cluster. Annales Geophysicae, 2005, 23, 1281-1294.	1.6	27
107	Characteristics of the near-tail dawn magnetopause and boundary layer. Annales Geophysicae, 2005, 23, 1481-1497.	1.6	48
108	Optimal reconstruction of magnetopause structures from Cluster data. Annales Geophysicae, 2005, 23, 973-982.	1.6	73

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109	Plasma flow channels with ULF waves observed by Cluster and Double Star. <i>Annales Geophysicae</i> , 2005, 23, 2929-2935.	1.6	27
110	Localized fast flow disturbance observed in the plasma sheet and in the ionosphere. <i>Annales Geophysicae</i> , 2005, 23, 553-566.	1.6	47
111	Cluster and Double Star observations of dipolarization. <i>Annales Geophysicae</i> , 2005, 23, 2915-2920.	1.6	19
112	Transition from substorm growth to substorm expansion phase as observed with a radial configuration of ISTP and Cluster spacecraft. <i>Annales Geophysicae</i> , 2005, 23, 2183-2198.	1.6	33
113	Contribution of nonadiabatic ions to the cross-tail current in an O ⁺ -dominated thin current sheet. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	104
114	The HIA instrument on board the Tan Ce 1 Double Star near-equatorial spacecraft and its first results. <i>Annales Geophysicae</i> , 2005, 23, 2757-2774.	1.6	76
115	Cluster multispacecraft observations at the high-latitude duskside magnetopause: implications for continuous and component magnetic reconnection. <i>Annales Geophysicae</i> , 2005, 23, 461-473.	1.6	46
116	The structure of high altitude O ⁺ energization and outflow: a case study. <i>Annales Geophysicae</i> , 2004, 22, 2497-2506.	1.6	33
117	Plasma convection across the polar cap, plasma mantle and cusp: Cluster EDI observations. <i>Annales Geophysicae</i> , 2004, 22, 2451-2461.	1.6	10
118	Multi-instrument observations of the ionospheric counterpart of a bursty bulk flow in the near-Earth plasma sheet. <i>Annales Geophysicae</i> , 2004, 22, 1061-1075.	1.6	41
119	Cluster observations of continuous reconnection at the magnetopause under steady interplanetary magnetic field conditions. <i>Annales Geophysicae</i> , 2004, 22, 2355-2367.	1.6	118
120	On the altitude dependence of transversely heated O ⁺ distributions in the cusp/cleft. <i>Annales Geophysicae</i> , 2004, 22, 1787-1798.	1.6	62
121	Cluster observes formation of high-beta plasma blobs. <i>Annales Geophysicae</i> , 2004, 22, 2391-2401.	1.6	4
122	Four-spacecraft determination of magnetopause orientation, motion and thickness: comparison with results from single-spacecraft methods. <i>Annales Geophysicae</i> , 2004, 22, 1347-1365.	1.6	95
123	Multipoint analysis of the spatio-temporal coherence of dayside O ⁺ outflows with Cluster. <i>Annales Geophysicae</i> , 2004, 22, 2507-2514.	1.6	14
124	Reconstruction of two-dimensional magnetopause structures from Cluster observations: verification of method. <i>Annales Geophysicae</i> , 2004, 22, 1251-1266.	1.6	81
125	Compressional waves in the Earth's neutral sheet. <i>Annales Geophysicae</i> , 2004, 22, 303-315.	1.6	27
126	Bow shock specularly reflected ions in the presence of low-frequency electromagnetic waves: a case study. <i>Annales Geophysicae</i> , 2004, 22, 2325-2335.	1.6	34

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127	Multi-scale analysis of turbulence in the Earth's current sheet. <i>Annales Geophysicae</i> , 2004, 22, 2525-2533.	1.6	19
128	Properties of a bifurcated current sheet observed on 29 August 2001. <i>Annales Geophysicae</i> , 2004, 22, 2535-2540.	1.6	24
129	Probing diffusion parameters of suprathermal ions near heliospheric shocks. <i>Advances in Space Research</i> , 2004, 34, 157-160.	2.6	1
130	Investigation of the source region of ionospheric oxygen outflow in the cleft/cusp using multi-spacecraft observations by CIS onboard Cluster. <i>Advances in Space Research</i> , 2004, 34, 2459-2464.	2.6	13
131	Suprathermal ions of solar and interstellar origin associated with the April 9 th 2001, CMEs. <i>Advances in Space Research</i> , 2004, 34, 161-165.	2.6	1
132	Case studies of the dynamics of ionospheric ions in the Earth's magnetotail. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	58
133	Multi-spacecraft observations of diffuse ions upstream of Earth's bow shock. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	50
134	ALADYN: A method to investigate auroral arc electrodynamics from satellite data. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	9
135	Hydromagnetic Wave Excitation Upstream of an Interplanetary Traveling Shock. <i>Astrophysical Journal</i> , 2004, 601, L99-L102.	4.5	52
136	Cluster mission and data analysis for the March 2001 magnetic storm. <i>Geofisica International</i> , 2004, 43, 217-223.	0.2	1
137	Production of gyrating ions from nonlinear wave-particle interaction upstream from the Earth's bow shock: A case study from Cluster-CIS. <i>Planetary and Space Science</i> , 2003, 51, 785-795.	1.7	75
138	On the source and acceleration of energetic He ⁺ : A long-term observation with ACE/SEPICA. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	43
139	Multi-scale magnetic field intermittence in the plasma sheet. <i>Annales Geophysicae</i> , 2003, 21, 1955-1964.	1.6	62
140	Evidence for impulsive solar wind plasma penetration through the dayside magnetopause. <i>Annales Geophysicae</i> , 2003, 21, 457-472.	1.6	51
141	Cusp structures: combining multi-spacecraft observations with ground-based observations. <i>Annales Geophysicae</i> , 2003, 21, 2031-2041.	1.6	20
142	Origin of the May 1998 suprathermal particles: Solar and Heliospheric Observatory/Charge, Element, and Isotope Analysis System/(Highly) Suprathermal Time of Flight results. <i>Journal of Geophysical Research</i> , 2002, 107, SSH 6-1.	3.3	16
143	Researchers discuss role of flares and shocks in solar energetic particle events. <i>Eos</i> , 2002, 83, 132.	0.1	8
144	Motion of the dipolarization front during a flow burst event observed by Cluster. <i>Geophysical Research Letters</i> , 2002, 29, 3-1-3-4.	4.0	355

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145	Charge states of energetic (~ 0.5 MeV/n) ions in corotating interaction regions at 1 AU and implications on source populations. Geophysical Research Letters, 2002, 29, 1.	4.0	59
146	Equator-S observations of He+energization by EMIC waves in the dawnside equatorial magnetosphere. Geophysical Research Letters, 2002, 29, 74-1-74-4.	4.0	23
147	Relative recovery of galactic and anomalous cosmic rays at 1 AU: Further evidence for modulation in the heliosheath. Journal of Geophysical Research, 2002, 107, SSH 2-1-SSH 2-9.	3.3	12
148	Ionic charge state measurements in solar energetic particle events. Advances in Space Research, 2002, 30, 33-43.	2.6	5
149	Ionic charge states of solar energetic particles from solar flare events during the current rise of solar activity as observed with ACE SEPICA. Advances in Space Research, 2002, 29, 1501-1512.	2.6	13
150	Observations of heavy ion charge spectra in CME driven gradual solar energetic particle events. Advances in Space Research, 2002, 30, 111-117.	2.6	2
151	Relationship between ULF waves and radiation belt electrons during the March 10, 1998, storm. Advances in Space Research, 2002, 30, 2163-2168.	2.6	13
152	Evidence for an extended reconnection line at the dayside magnetopause. Earth, Planets and Space, 2001, 53, 619-625.	2.5	14
153	First multispacecraft ion measurements in and near the Earth's magnetosphere with the identical Cluster ion spectrometry (CIS) experiment. Annales Geophysicae, 2001, 19, 1303-1354.	1.6	1,040
154	Galactic abundances: Report of working group 3. AIP Conference Proceedings, 2001, , .	0.4	1
155	Implications for source populations of energetic ions in co-rotating interaction regions from ionic charge states. AIP Conference Proceedings, 2001, , .	0.4	9
156	Compressional Pc5 type pulsations in the morningside plasma sheet. Annales Geophysicae, 2001, 19, 311-320.	1.6	22
157	On the energy dependence of ionic charge states in solar energetic particle events. AIP Conference Proceedings, 2001, , .	0.4	0
158	On the Variability of Suprathermal Pickup He+ at 1 Au. COSPAR Colloquia Series, 2001, 11, 229.	0.2	1
159	The Time-of-Flight Energy, Angle, Mass Spectrograph (Teams) Experiment for Fast. Space Science Reviews, 2001, 98, 197-219.	8.1	24
160	Measurements of Energetic Particles in the Radiation Belts. , 2001, , 209-230.		0
161	Anomalous cosmic rays and solar energetic particle composition. AIP Conference Proceedings, 2000, , .	0.4	1
162	Comparison of ionic charge states of energetic particles with solar wind charge states in CME related events. AIP Conference Proceedings, 2000, , .	0.4	6

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163	Magnetospheric relativistic electron response to magnetic cloud events of 1997. <i>Advances in Space Research</i> , 2000, 25, 1387-1392.	2.6	4
164	Extended magnetic reconnection at the Earth's magnetopause from detection of bi-directional jets. <i>Nature</i> , 2000, 404, 848-850.	27.8	212
165	Observation of suprathermal helium at 1 AU: Charge states in CIRs. , 1999, , .		11
166	Occurrence distribution of preferential heating events in the Aurora. <i>Advances in Space Research</i> , 1999, 23, 1721-1724.	2.6	7
167	Anomalous Cosmic Rays: Our present understanding and open questions. <i>Advances in Space Research</i> , 1999, 23, 521-530.	2.6	8
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