

Berndt Klecker

List of Publications by Year in descending order

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273
papers

11,516
citations

32410

55
h-index

45040

94
g-index

275
all docs

275
docs citations

275
times ranked

3511
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, .	0.8	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.	0.6	1
3	Energetic Charged Particles in the Terrestrial Magnetosphere: Cluster/RAPID Results. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029273.	0.8	3
4	A Mechanism for the Fractionation of Isotopes in ³ He-rich Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2021, 906, 6.	1.6	2
5	The Energetic Particle Detector. <i>Astronomy and Astrophysics</i> , 2020, 642, A7.	2.1	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.	2.1	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.	1.6	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.	0.8	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.	0.3	2
10	Isotopic Fractionation in ³ He-rich SEP Events. <i>Journal of Physics: Conference Series</i> , 2019, 1332, 012017.	0.3	1
11	The Warped Heliospheric Current Sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9814-9823.	0.8	3
12	A Possible Mechanism for Enriching Heavy Ions in ³ He-rich Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2018, 862, 7.	1.6	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.	0.8	17
14	SAMPEX observations of the South Atlantic anomaly secular drift during solar cycles 22â€“24. <i>Space Weather</i> , 2017, 15, 44-52.	1.3	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.	0.8	16
16	In Situ Analysis of Heliospheric Current Sheet Propagation. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9803-9814.	0.8	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.	0.8	11
18	High-time resolution measurements of solar wind heavy ions with SOHO/CELIAS/CTOF. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	2

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19	Suprathermal helium associated with corotating interaction regions: A case study. AIP Conference Proceedings, 2016, , .	0.3	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.	0.8	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.	0.8	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.	0.8	9
23	Observations of the He ⁺ pickup ion torus velocity distribution function with SOHO/CELIAS/CTOF. AIP Conference Proceedings, 2016, , .	0.3	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.	1.3	9
25	A statistical study of EMIC waves observed by Cluster: 1. Wave properties. Journal of Geophysical Research: Space Physics, 2015, 120, 5574-5592.	0.8	136
26	Acceleration of O ⁺ from the cusp to the plasma sheet. Journal of Geophysical Research: Space Physics, 2015, 120, 1022-1034.	0.8	23
27	Experimental test of the $\tilde{\nu}(1-\tilde{\nu})$ evolution for rotational discontinuities: cluster magnetopause observations. Annales Geophysicae, 2015, 33, 79-91.	0.6	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.	0.8	22
29	ELECTROMAGNETIC WAVES NEAR THE PROTON CYCLOTRON FREQUENCY: STEREO OBSERVATIONS. Astrophysical Journal, 2014, 786, 123.	1.6	66
30	OBSERVATION OF HIGH IRON CHARGE STATES AT LOW ENERGIES IN SOLAR ENERGETIC PARTICLE EVENTS. Astrophysical Journal, 2014, 785, 26.	1.6	5
31	The relationship between sawtooth events and O ⁺ in the plasma sheet. Journal of Geophysical Research: Space Physics, 2014, 119, 1572-1586.	0.8	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.	0.8	30
33	Testing linear theory of EMIC waves in the inner magnetosphere: Cluster observations. Journal of Geophysical Research: Space Physics, 2014, 119, 1004-1027.	0.8	26
34	The evolution of flux pileup regions in the plasma sheet: Cluster observations. Journal of Geophysical Research: Space Physics, 2013, 118, 6279-6290.	0.8	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.	0.8	23
36	On the variability of He ⁺ suprathermal tails. AIP Conference Proceedings, 2013, , .	0.3	4

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37	Current understanding of SEP acceleration and propagation. Journal of Physics: Conference Series, 2013, 409, 012015.	0.3	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.	0.8	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.	0.1	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.	0.6	2
44	ANISOTROPIC THREE-DIMENSIONAL FOCUSED TRANSPORT OF SOLAR ENERGETIC PARTICLES IN THE INNER HELIOSPHERE. Astrophysical Journal, 2010, 709, 912-919.	1.6	135
45	Geomagnetic activity effects on plasma sheet energy conversion. Annales Geophysicae, 2010, 28, 1813-1825.	0.6	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, , .	0.3	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.	0.6	8
52	Outflowing protons and heavy ions as a source for the sub-keV ring current. Annales Geophysicae, 2009, 27, 839-849.	0.6	6
53	Cluster survey of the mid-altitude cusp - Part 2: Large-scale morphology. Annales Geophysicae, 2009, 27, 1875-1886.	0.6	18
54	Scale size and life time of energy conversion regions observed by Cluster in the plasma sheet. Annales Geophysicae, 2009, 27, 4147-4155.	0.6	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.	2.1	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.	0.6	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.	1.0	37
58	In Situ Observations of Solar Wind Stream Interface Evolution. <i>Solar Physics</i> , 2009, 259, 323-344.	1.0	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.	0.1	0
60	Auroral arc and oval electrodynamic 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.	0.6	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.	0.6	14
65	The Plasma and Suprathermal Ion Composition (PLASTIC) Investigation on the STEREO Observatories. <i>Space Science Reviews</i> , 2008, 136, 437-486.	3.7	360
66	Study of waves in the magnetotail region with cluster and DSP. <i>Advances in Space Research</i> , 2008, 41, 1593-1597.	1.2	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.	1.2	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.	1.6	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.	1.6	1
72	Charge State Formation of Energetic Ultraheavy Ions in a Hot Plasma. <i>Astrophysical Journal</i> , 2008, 681, 1653-1659.	1.6	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.	0.6	38
74	Transients in oxygen outflow above the polar cap as observed by the Cluster spacecraft. <i>Annales Geophysicae</i> , 2008, 26, 3365-3373.	0.6	19
75	Evidence of a Two- α -Temperature Source Region in the ^{3}He -Rich Solar Energetic Particle Event of 2000 May 1. <i>Astrophysical Journal</i> , 2007, 671, 947-954.	1.6	26
76	Flow burst-induced Kelvin-Helmholtz waves in the terrestrial magnetotail. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	33
77	Scattering of field-aligned beam ions upstream of Earth's bow shock. <i>Annales Geophysicae</i> , 2007, 25, 785-799.	0.6	30
78	Solar Energetic Particle Charge States: An Overview. <i>Space Science Reviews</i> , 2007, 124, 289-301.	3.7	28
79	Ionic Charge States of Solar Energetic Particles: A Clue to the Source. <i>Space Science Reviews</i> , 2007, 130, 273-282.	3.7	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.	0.6	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.	0.6	23
84	Electric field measurements on Cluster: comparing the double-probe and electron drift techniques. <i>Annales Geophysicae</i> , 2006, 24, 275-289.	0.6	64
85	Observations of concentrated generator regions in the nightside magnetosphere by Cluster/FAST conjunctions. <i>Annales Geophysicae</i> , 2006, 24, 637-649.	0.6	23
86	Cluster survey of the mid-altitude cusp: 1. size, location, and dynamics. <i>Annales Geophysicae</i> , 2006, 24, 3011-3026.	0.6	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.	1.2	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.	1.2	9
89	The anisotropy of precipitating auroral electrons: A FAST case study. <i>Advances in Space Research</i> , 2006, 38, 1694-1701.	1.2	5
90	Energetic Particle Observations. <i>Space Science Reviews</i> , 2006, 123, 217-250.	3.7	51

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91	ICMEs in the Inner Heliosphere: Origin, Evolution and Propagation Effects. <i>Space Science Reviews</i> , 2006, 123, 383-416.	3.7	91
92	Energetic Particle Observations. <i>Space Sciences Series of ISSI</i> , 2006, , 217-250.	0.0	2
93	Solar energetic particle composition. <i>Geophysical Monograph Series</i> , 2006, , 147-156.	0.1	2
94	Acceleration and Transport Modeling of Solar Energetic Particle Charge States for the Event of 1998 September 9. <i>Astrophysical Journal</i> , 2006, 645, 1516-1524.	1.6	23
95	Alfvén waves in the near-PSBL lobe: Cluster observations. <i>Annales Geophysicae</i> , 2006, 24, 1001-1013.	0.6	13
96	Characteristics of high altitude oxygen ion energization and outflow as observed by Cluster: a statistical study. <i>Annales Geophysicae</i> , 2006, 24, 1099-1112.	0.6	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. <i>Annales Geophysicae</i> , 2006, 24, 2645-2665.	0.6	15
98	The structure of flux transfer events recovered from Cluster data. <i>Annales Geophysicae</i> , 2006, 24, 603-618.	0.6	97
99	Solar Energetic Particle Charge States: An Overview. <i>Space Sciences Series of ISSI</i> , 2006, , 289-301.	0.0	0
100	Remote sensing of solar activity by energetic charged and neutral particles with Solar Orbiter. <i>Advances in Space Research</i> , 2005, 36, 1387-1398.	1.2	5
101	Development and calibration of major components for the STEREO/PLASTIC (plasma and suprathermal) Tj ETQq1 1,0,784314,rgBT /Over	1.2	9
102	Multipoint observations of ionic structures in the plasmasphere by CLUSTER CIS and comparisons with IMAGE-EUV observations and with model simulations. <i>Geophysical Monograph Series</i> , 2005, , 23-53.	0.1	27
103	Multi-point observation of the high-speed flows in the plasma sheet. <i>Advances in Space Research</i> , 2005, 36, 1444-1447.	1.2	17
104	Cluster Observes the High-Altitude CUSP Region. <i>Surveys in Geophysics</i> , 2005, 26, 135-175.	2.1	34
105	Electric current and magnetic field geometry in flapping magnetotail current sheets. <i>Annales Geophysicae</i> , 2005, 23, 1391-1403.	0.6	171
106	Survey of energetic O ⁺ ions near the dayside mid-latitude magnetopause with Cluster. <i>Annales Geophysicae</i> , 2005, 23, 1281-1294.	0.6	27
107	Characteristics of the near-tail dawn magnetopause and boundary layer. <i>Annales Geophysicae</i> , 2005, 23, 1481-1497.	0.6	48
108	Optimal reconstruction of magnetopause structures from Cluster data. <i>Annales Geophysicae</i> , 2005, 23, 973-982.	0.6	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.	0.6	27
110	Localized fast flow disturbance observed in the plasma sheet and in the ionosphere. <i>Annales Geophysicae</i> , 2005, 23, 553-566.	0.6	47
111	Cluster and Double Star observations of dipolarization. <i>Annales Geophysicae</i> , 2005, 23, 2915-2920.	0.6	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.	0.6	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.	0.6	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.	0.6	46
116	The structure of high altitude O ⁺ energization and outflow: a case study. <i>Annales Geophysicae</i> , 2004, 22, 2497-2506.	0.6	33
117	Plasma convection across the polar cap, plasma mantle and cusp: Cluster EDI observations. <i>Annales Geophysicae</i> , 2004, 22, 2451-2461.	0.6	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.	0.6	41
119	Cluster observations of continuous reconnection at the magnetopause under steady interplanetary magnetic field conditions. <i>Annales Geophysicae</i> , 2004, 22, 2355-2367.	0.6	118
120	On the altitude dependence of transversely heated O ⁺ distributions in the cusp/cleft. <i>Annales Geophysicae</i> , 2004, 22, 1787-1798.	0.6	62
121	Cluster observes formation of high-beta plasma blobs. <i>Annales Geophysicae</i> , 2004, 22, 2391-2401.	0.6	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.	0.6	95
123	Multipoint analysis of the spatio-temporal coherence of dayside O ⁺ outflows with Cluster. <i>Annales Geophysicae</i> , 2004, 22, 2507-2514.	0.6	14
124	Reconstruction of two-dimensional magnetopause structures from Cluster observations: verification of method. <i>Annales Geophysicae</i> , 2004, 22, 1251-1266.	0.6	81
125	Compressional waves in the Earth's neutral sheet. <i>Annales Geophysicae</i> , 2004, 22, 303-315.	0.6	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.	0.6	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.	0.6	19
128	Properties of a bifurcated current sheet observed on 29 August 2001. <i>Annales Geophysicae</i> , 2004, 22, 2535-2540.	0.6	24
129	Probing diffusion parameters of suprathermal ions near heliospheric shocks. <i>Advances in Space Research</i> , 2004, 34, 157-160.	1.2	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.	1.2	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.	1.2	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, .	1.5	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.	1.6	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.	0.9	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.	0.6	62
140	Evidence for impulsive solar wind plasma penetration through the dayside magnetopause. <i>Annales Geophysicae</i> , 2003, 21, 457-472.	0.6	51
141	Cusp structures: combining multi-spacecraft observations with ground-based observations. <i>Annales Geophysicae</i> , 2003, 21, 2031-2041.	0.6	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.	1.5	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. <i>Geophysical Research Letters</i> , 2002, 29, 1.	1.5	59
146	Equator-S observations of He+energization by EMIC waves in the dawnside equatorial magnetosphere. <i>Geophysical Research Letters</i> , 2002, 29, 74-1-74-4.	1.5	23
147	Relative recovery of galactic and anomalous cosmic rays at 1 AU: Further evidence for modulation in the heliosheath. <i>Journal of Geophysical Research</i> , 2002, 107, SSH 2-1-SSH 2-9.	3.3	12
148	Ionic charge state measurements in solar energetic particle events. <i>Advances in Space Research</i> , 2002, 30, 33-43.	1.2	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. <i>Advances in Space Research</i> , 2002, 29, 1501-1512.	1.2	13
150	Observations of heavy ion charge spectra in CME driven gradual solar energetic particle events. <i>Advances in Space Research</i> , 2002, 30, 111-117.	1.2	2
151	Relationship between ULF waves and radiation belt electrons during the March 10, 1998, storm. <i>Advances in Space Research</i> , 2002, 30, 2163-2168.	1.2	13
152	Evidence for an extended reconnection line at the dayside magnetopause. <i>Earth, Planets and Space</i> , 2001, 53, 619-625.	0.9	14
153	First multispacecraft ion measurements in and near the Earth's magnetosphere with the identical Cluster ion spectrometry (CIS) experiment. <i>Annales Geophysicae</i> , 2001, 19, 1303-1354.	0.6	1,040
154	Galactic abundances: Report of working group 3. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	1
155	Implications for source populations of energetic ions in co-rotating interaction regions from ionic charge states. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	9
156	Compressional Pc5 type pulsations in the morningside plasma sheet. <i>Annales Geophysicae</i> , 2001, 19, 311-320.	0.6	22
157	On the energy dependence of ionic charge states in solar energetic particle events. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	0
158	On the Variability of Suprathermal Pickup He+ at 1 Au. <i>COSPAR Colloquia Series</i> , 2001, 11, 229.	0.2	1
159	The Time-of-Flight Energy, Angle, Mass Spectrograph (Teams) Experiment for Fast. <i>Space Science Reviews</i> , 2001, 98, 197-219.	3.7	24
160	Measurements of Energetic Particles in the Radiation Belts. , 2001, , 209-230.		0
161	Anomalous cosmic rays and solar energetic particle composition. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	1
162	Comparison of ionic charge states of energetic particles with solar wind charge states in CME related events. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	6

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