Bernd Heber

List of Publications by Year
in descending order

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180	4,849	94269	143772
papers	citations	37 h-index	57 g-index

203	203	203	2424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Numerical and experimental evidence for a new interpretation of residence times in space. Astronomy and Astrophysics, 2022, 657, A39.	2.1	5
2	Analytic modeling of recurrent Forbush decreases caused by corotating interaction regions. Astronomy and Astrophysics, 2022, 658, A186.	2.1	3
3	Generic profile of a long-lived corotating interaction region and associated recurrent Forbush decrease. Astronomy and Astrophysics, 2022, 658, A187.	2.1	8
4	Galactic Cosmic Rays Throughout the Heliosphere and in the Very Local Interstellar Medium. Space Science Reviews, 2022, 218, .	3.7	11
5	The Alpha Magnetic Spectrometer (AMS) on the international space station: Part II â€”ÂResults from the first seven years. Physics Reports, 2021, 894, 1-116.	10.3	160
6	First near-relativistic solar electron events observed by EPD onboard Solar Orbiter. Astronomy and Astrophysics, 2021, 656, L3.	2.1	16
7	On the Rigidity Spectrum of Cosmic-Ray Variations within Propagating Interplanetary Disturbances: Neutron Monitor and SOHO/EPHIN Observations at âˆ¼1â€“10 GV. Astrophysical Journal, 2021, 908, 5.	1.6	9
8	Yield Function of the DOSimetry TELescope Count and Dose Rates Aboard the International Space Station. Space Weather, 2021, 19, e2020SW002510.	1.3	0
9	The first widespread solar energetic particle event observed by Solar Orbiter on 2020 November 29. Astronomy and Astrophysics, 2021, 656, A20.	2.1	36
10	First year of energetic particle measurements in the inner heliosphere with Solar Orbiterâ€™s Energetic Particle Detector. Astronomy and Astrophysics, 2021, 656, A22.	2.1	29
11	A Multiâ€Purpose Heliophysics L4 Mission. Space Weather, 2021, 19, e2021SW002777.	1.3	15
12	Cosmic-Ray Transport in Heliospheric Magnetic Structures. III. Implications of Solar Magnetograms for the Drifts of Cosmic Rays. Astrophysical Journal, 2021, 922, 124.	1.6	4
13	Periodicities in the Daily Proton Fluxes from 2011 to 2019 Measured by the Alpha Magnetic Spectrometer on the International Space Station from 1 to 100ÂGV. Physical Review Letters, 2021, 127, 271102.	2.9	27
14	Evolution of Coronal Mass Ejections and the Corresponding Forbush Decreases: Modeling vs. Multi-Spacecraft Observations. Solar Physics, 2020, 295, 1.	1.0	18
15	The Energetic Particle Detector. Astronomy and Astrophysics, 2020, 642, A7.	2.1	107
16	The Electron Proton Helium INstrument as an example for a Space Weather Radiation Instrument. Journal of Space Weather and Space Climate, 2020, 10, 53.	1.1	5
17	Proxima Centauri b: A Strong Case for Including Cosmic-Ray-induced Chemistry in Atmospheric Biosignature Studies. Astrophysical Journal, 2020, 893, 12.	1.6	21
18	Properties of Neon, Magnesium, and Silicon Primary Cosmic Rays Results from the Alpha Magnetic Spectrometer. Physical Review Letters, 2020, 124, 211102.	2.9	58

#	Article	IF	Citations
19	On the Interaction of Galactic Cosmic Rays with Heliospheric Shocks During Forbush Decreases. Solar Physics, 2020, 295, 1.	1.0	4
20	Interplanetary Protons versus Interacting Protons in the 2017 September 10 Solar Eruptive Event. Astrophysical Journal, 2020, 890, 13.	1.6	18
21	Statistical Results for Solar Energetic Electron Spectra Observed over 12 yr with STEREO/SEPT. Astrophysical Journal, 2020, 889, 143.	1.6	19
22	Seed Population Preconditioning and Acceleration Observed by the Parker Solar Probe. Astrophysical Journal, Supplement Series, 2020, 246, 33.	3.0	21
23	Subsurface Radiation Environment of Mars and Its Implication for Shielding Protection of Future Habitats. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006246.	1.5	26
24	The mini-neutron monitor: a new approach in neutron monitor design. Journal of Space Weather and Space Climate, 2020, 10, 39.	1.1	15
25	A new model describing Forbush Decreases at Mars: combining the heliospheric modulation and the atmospheric influence. Earth and Planetary Physics, 2020, 4, 1-11.	0.4	4
26	First Solar Energetic Particles Measured on the Lunar Far-side. Astrophysical Journal Letters, 2020, 902, L30.	3.0	11
27	A dense network of cosmic-ray neutron sensors for soil moisture observation in a highly instrumented pre-Alpine headwater catchment in Germany. Earth System Science Data, 2020, 12, 2289-2309.	3.7	44
28	EUropean Heliospheric FORecasting Information Asset 2.0. Journal of Space Weather and Space Climate, 2020, 10, 57.	1.1	21
29	The residence-time of Jovian electrons in the inner heliosphere. Astronomy and Astrophysics, 2020, 642, A170.	2.1	8
30	A Catalogue of Forbush Decreases Recorded on the Surface of Mars from 2012 Until 2016: Comparison with Terrestrial FDs. Solar Physics, 2019, 294, 1.	1.0	15
31	Galactic Cosmic Ray induced absorbed dose rate in deep space â€“ Accounting for detector size, shape, material, as well as for the solar modulation. Journal of Space Weather and Space Climate, 2019, 9, A14.	1.1	12
32	Implementation and validation of the GEANT4/AtRIS code to model the radiation environment at Mars. Journal of Space Weather and Space Climate, 2019, 9, A2.	1.1	25
33	Onâ€theâ€Fly Calculation of Absorbed and Equivalent Atmospheric Radiation Dose in A Water Phantom with the Atmospheric Radiation Interaction Simulator (AtRIS). Journal of Geophysical Research: Space Physics, 2019, 124, 9774-9790.	0.8	8
34	A new model suite to determine the influence of cosmic rays on (exo)planetary atmospheric biosignatures. Astronomy and Astrophysics, 2019, 631, A101.	2.1	23
35	Multi-point galactic cosmic ray measurements between 1 and 4.5â€‰AU over a full solar cycle. Annales Geophysicae, 2019, 37, 903-918.	0.6	24
36	Revising More Than 20 Years of EPHIN Ion Flux Dataâ€”A New Data Product for Space Weather Applications. Space Weather, 2019, 17, 84-98.	1.3	11

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37	The Atmospheric Radiation Interaction Simulator (AtRIS): Description and Validation. Journal of Geophysical Research: Space Physics, 2019, 124, 50-67.	0.8	30
38	From solar to stellar flare characteristics. Astronomy and Astrophysics, 2019, 621, A67.	2.1	23
39	Using Forbush Decreases to Derive the Transit Time of ICMEs Propagating from 1 AU to Mars. Journal of Geophysical Research: Space Physics, 2018, 123, 39-56.	0.8	17
40	Energy spectra of carbon and oxygen with HELIOS E6. Astronomy and Astrophysics, 2018, 610, A42.	2.1	7
41	The Dependence of the Peak Velocity of Highâ€Speed Solar Wind Streams as Measured in the Ecliptic by ACE and the STEREO satellites on the Area and Coâ€latitude of Their Solar Source Coronal Holes. Journal of Geophysical Research: Space Physics, 2018, 123, 1738-1753.	0.8	29
42	Strong non-radial propagation of energetic electrons in solar corona. Astronomy and Astrophysics, 2018, 614, A61.	2.1	12
43	An Analytical Diffusionâ€“Expansion Model for Forbush Decreases Caused by Flux Ropes. Astrophysical Journal, 2018, 860, 71.	1.6	39
44	The Solar Electron and Proton Telescope Aboard STEREO â€“ Understanding Proton Spectra. Solar Physics, 2018, 293, 1.	1.0	1
45	Jovian electrons in the inner heliosphere. Astronomy and Astrophysics, 2018, 613, A28.	2.1	19
46	Interpretation of increased energetic particle flux measurements by SEPT aboard the STEREO spacecraft and contamination. Astronomy and Astrophysics, 2018, 611, A100.	2.1	7
47	Long-lasting injection of solar energetic electrons into the heliosphere. Astronomy and Astrophysics, 2018, 613, A21.	2.1	24
48	Modeling the Evolution and Propagation of 10 September 2017 CMEs and SEPs Arriving at Mars Constrained by Remote Sensing and In Situ Measurement. Space Weather, 2018, 16, 1156-1169.	1.3	61
49	Solar Energetic Particle Events with Protons Above 500 MeV Between 1995 and 2015 Measured with SOHO/EPHIN. Solar Physics, 2017, 292, 1.	1.0	30
50	The new local interstellar spectra and their influence on the production rates of the cosmogenic radionuclides ¹⁰Be and ¹⁴C. Journal of Geophysical Research: Space Physics, 2017, 122, 23-34.	0.8	47
51	Cosmic-Ray Transport in Heliospheric Magnetic Structures. II. Modeling Particle Transport through Corotating Interaction Regions. Astrophysical Journal, 2017, 837, 37.	1.6	18
52	Characteristics of Low-latitude Coronal Holes near the Maximum of Solar Cycle 24. Astrophysical Journal, 2017, 835, 268.	1.6	42
53	Sunward-propagating Solar Energetic Electrons inside Multiple Interplanetary Flux Ropes. Astrophysical Journal, 2017, 840, 85.	1.6	9
54	Catalogue of 55â€“80ÂMeV solar proton events extending through solar cycles 23 and 24. Journal of Space Weather and Space Climate, 2017, 7, A14.	1.1	36

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55	An Empirical Modification of the Force Field Approach to Describe the Modulation of Galactic Cosmic Rays Close to Earth in a Broad Range of Rigidities. Journal of Geophysical Research: Space Physics, 2017, 122, 10,964.	0.8	40
56	Spatial gradients of GCR protons in the inner heliosphere derived fromUlyssesCOSPIN/KET and PAMELA measurements. Astronomy and Astrophysics, 2016, 589, A32.	2.1	31
57	Efficiency of particle acceleration at interplanetary shocks: Statistical study of STEREO observations. Astronomy and Astrophysics, 2016, 588, A17.	2.1	38
58	Annual Cosmic Ray Spectra from 250 MeV up to 1.6 GeV from 1995â€‰â€“â€‰2014 Measured with the Electron Proton Helium Instrument onboard SOHO. Solar Physics, 2016, 291, 965-974.	1.0	27
59	Global ionospheric flare detection system (GIFDS). Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 138-139, 233-242.	0.6	15
60	MODELING THE VARIATIONS OF DOSE RATE MEASURED BY RAD DURING THE FIRSTMSLMARTIAN YEAR: 2012â€“2014. Astrophysical Journal, 2015, 810, 24.	1.6	43
61	Variations of dose rate observed by MSL/RAD in transit to Mars. Astronomy and Astrophysics, 2015, 577, A58.	2.1	35
62	Mini neutron monitor measurements at the Neumayer III station and on the German research vessel Polarstern. Journal of Physics: Conference Series, 2015, 632, 012057.	0.3	6
63	Proton intensity spectra during the solar energetic particle events of May 17, 2012 and January 6, 2014. Astronomy and Astrophysics, 2015, 576, A120.	2.1	25
64	Matroshka DOSTEL measurements onboard the International Space Station (ISS). Journal of Space Weather and Space Climate, 2015, 5, A38.	1.1	16
65	CIRCUMSOLAR ENERGETIC PARTICLE DISTRIBUTION ON 2011 NOVEMBER 3. Astrophysical Journal, 2015, 799, 55.	1.6	77
66	COSMIC RAY TRANSPORT IN HELIOSPHERIC MAGNETIC STRUCTURES. I. MODELING BACKGROUND SOLAR WIND USING THE CRONOS MAGNETOHYDRODYNAMIC CODE. Astrophysical Journal, 2014, 788, 80.	1.6	30
67	Modulation of galactic cosmic rays during the unusual solar minimum between cycles 23 and 24. Journal of Geophysical Research: Space Physics, 2014, 119, 1493-1506.	0.8	52
68	Approaching Solar Maximum 24 with STEREOâ€”Multipoint Observations of Solar Energetic Particle Events. Brazilian Journal of Physics, 2014, 44, 504-511.	0.7	3
69	Statistical survey of widely spread out solar electron events observed with STEREO and ACE with special attention to anisotropies. Astronomy and Astrophysics, 2014, 567, A27.	2.1	109
70	Wide longitudinal distribution of interplanetary electrons following the 7 February 2010 solar event: Observations and transport modeling. Journal of Geophysical Research: Space Physics, 2014, 119, 6074-6094.	0.8	53
71	SEPServer catalogues of solar energetic particle events at 1 AU based on STEREO recordings: 2007â€“2012. Astronomy and Astrophysics, 2014, 569, A96.	2.1	12
72	Release timescales of solar energetic particles in the low corona. Astronomy and Astrophysics, 2014, 570, A5.	2.1	28

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73	Cosmic Rays Through the Solar Hale Cycle. Space Science Reviews, 2013, 176, 265-278.	3.7	28
74	10Be Production in the Atmosphere by Galactic Cosmic Rays. Space Science Reviews, 2013, 176, 333-342.	3.7	2
75	The Hohmannâ€“Parker effect measured by the Mars Science Laboratory on the transfer from Earth to Mars: Consequences and opportunities. Planetary and Space Science, 2013, 89, 127-139.	0.9	20
76	Solar Activity, the Heliosphere, Cosmic Rays and Their Impact on the Earthâ€™s Atmosphere. Springer Atmospheric Sciences, 2013, , 55-78.	0.4	4
77	LONGITUDINAL AND RADIAL DEPENDENCE OF SOLAR ENERGETIC PARTICLE PEAK INTENSITIES:STEREO,ACE,SOHO,GOES, ANDMESSENGEROBSERVATIONS. Astrophysical Journal, 2013, 767, 41.	1.6	143
78	Ulysses observations of Jupiter's 10â€‰h modulation in interplanetary space in 2004. Journal of Geophysical Research: Space Physics, 2013, 118, 4021-4032.	0.8	0
79	Comparative time-series analysis of MeV electron data by Ulysses and Pioneer 10/11 in the Jovian magnetosphere. Annales Geophysicae, 2013, 31, 1721-1730.	0.6	0
80	Influence of the terrestrial magnetic field geometry on the cutoff rigidity of cosmic ray particles. Annales Geophysicae, 2013, 31, 1637-1643.	0.6	39
81	The firstSEPServerevent catalogue ~68-MeV solar proton events observed at 1 AU in 1996â€“2010. Journal of Space Weather and Space Climate, 2013, 3, A12.	1.1	77
82	Energetic-particle-flux decreases related to magnetic cloud passages as observed by the Helios 1 and 2 spacecraft. Astronomy and Astrophysics, 2013, 556, A146.	2.1	14
83	The Large Longitudinal Spread of Solar Energetic Particles During the 17 January 2010 Solar Event. Solar Physics, 2012, 281, 281.	1.0	113
84	Scientific Analysis within SEPServer â€“ New Perspectives in Solar Energetic Particle Research: The Case Study of the 13 July 2005 Event. Solar Physics, 2012, 281, 333.	1.0	15
85	Energetic Particles Measured in and out of the Ecliptic Plane During the Last Gnevyshev Gap. Solar Physics, 2012, 281, 491.	1.0	3
86	THE LOCAL INTERSTELLAR SPECTRUM BEYOND THE HELIOPAUSE: WHAT CAN BE LEARNED FROMVOYAGERIN THE INNER HELIOSHEATH?. Astrophysical Journal, 2012, 761, 17.	1.6	24
87	POSSIBLE EVIDENCE FOR A FISK-TYPE HELIOSPHERIC MAGNETIC FIELD. I. ANALYZINGULYSSES/KET ELECTRON OBSERVATIONS. Astrophysical Journal, 2011, 741, 23.	1.6	26
88	Earth-Affecting Solar Causes Observatory (EASCO): a mission at the Sun-Earth L5. Proceedings of SPIE, 2011, , .	0.8	9
89	Spatial and temporal variations of CIRs: Multi-point observations by STEREO. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 551-565.	0.6	27
90	Applications and usage of the real-time Neutron Monitor Database. Advances in Space Research, 2011, 47, 2210-2222.	1.2	105

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91	Latitudinal and radial gradients of galactic cosmic ray protons in the inner heliosphere â€“ PAMELA and Ulysses observations. Astrophysics and Space Sciences Transactions, 2011, 7, 425-434.	1.0	50
92	Cosmic Rays Through the Solar Hale Cycle. Space Sciences Series of ISSI, 2011, , 265-278.	0.0	1
93	Field calibration of dosemeters used for routine measurements at flight altitudes. Radiation Protection Dosimetry, 2010, 140, 319-325.	0.4	9
94	Propagation of Jovian electron jets in heliospheric flux tube structures. Journal of Geophysical Research, 2010, 115, .	3.3	8
95	On the importance of the local interstellar spectrum for the solar modulation parameter. Journal of Geophysical Research, 2010, 115, .	3.3	74
96	On the definition and calculation of a generalised McIlwain parameter. Astrophysics and Space Sciences Transactions, 2010, 6, 9-17.	1.0	10
97	STEREO/SEPT observations of upstream particle events: almost monoenergetic ion beams. Annales Geophysicae, 2009, 27, 2077-2085.	0.6	12
98	ENERGETIC PARTICLE OBSERVATIONS AND PROPAGATION IN THE THREE-DIMENSIONAL HELIOSPHERE DURING THE 2006 DECEMBER EVENTS. Astrophysical Journal, 2009, 704, 469-476.	1.6	30
99	MODULATION OF GALACTIC COSMIC RAY PROTONS AND ELECTRONS DURING AN UNUSUAL SOLAR MINIMUM. Astrophysical Journal, 2009, 699, 1956-1963.	1.6	79
100	The ground level event 70 on December 13th, 2006 and related effective doses at aviation altitudes. Radiation Protection Dosimetry, 2009, 136, 304-310.	0.4	23
101	Open Issues in Heliospheric Physics. Earth, Moon and Planets, 2009, 104, 3-9.	0.3	0
102	Multi-spacecraft Observations of CIR-Associated Ion Increases During the Ulysses 2007 Ecliptic Crossing. Solar Physics, 2009, 256, 409-425.	1.0	9
103	Cosmic ray flux at the Earth in a variable heliosphere. Advances in Space Research, 2008, 41, 1171-1176.	1.2	18
104	Latitudinal Gradients of Galactic Cosmic Rays during the 2007 Solar Minimum. Astrophysical Journal, 2008, 689, 1443-1447.	1.6	22
105	COSTEP/SOHO observations of energetic electrons far upstream of the Earth's bow-shock. Annales Geophysicae, 2008, 26, 905-912.	0.6	7
106	Observations of recurrent cosmic ray decreases during solar cycles 22 and 23. Annales Geophysicae, 2008, 26, 3127-3138.	0.6	30
107	Galactic and anomalous cosmic rays through the solar cycle: New insights from Ulysses. , 2008, , 195-249.		5
108	Ulysses observations of Jovian relativistic electrons in the interplanetary space near Jupiter: Determination of perpendicular particle transport coefficients and their energy dependence. Planetary and Space Science, 2007, 55, 12-20.	0.9	18

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109	Localized â€œJetsâ€•of Jovian electrons observed during Ulyssesâ€™ distant Jupiter flyby in 2003â€“2004. Planetary and Space Science, 2007, 55, 21-31.	0.9	3
110	An overview of Jovian electrons during the distant Ulysses Jupiter flyby. Planetary and Space Science, 2007, 55, 1-11.	0.9	13
111	Solar and Heliospheric Modulation of Galactic Cosmic Rays. Space Science Reviews, 2007, 125, 81-93.	3.7	35
112	Cosmic Rays at High Heliolatitudes. Space Science Reviews, 2007, 127, 117-194.	3.7	79
113	Injection and propagation of solar protons to high heliospheric latitudes: Ulysses Ket observations. Advances in Space Research, 2006, 38, 507-515.	1.2	6
114	Energetic particles in the atmosphere: A Monte-carlo simulation. Advances in Space Research, 2006, 37, 1597-1601.	1.2	25
115	ICMEs at High Latitudes and in the Outer Heliosphere. Space Science Reviews, 2006, 123, 417-451.	3.7	18
116	Heliopause Explorerâ€”a sailcraft mission to the outer boundaries of the solar system. Acta Astronautica, 2006, 59, 785-796.	1.7	33
117	The Science with the Interstellar Heliopause Probe. Astrophysics and Space Sciences Transactions, 2006, 2, 33-43.	1.0	6
118	Remote sensing of solar activity by energetic charged and neutral particles with Solar Orbiter. Advances in Space Research, 2005, 36, 1387-1398.	1.2	5
119	On the determination of energy spectra of MeV electrons by the Ulysses COSPIN/KET. Advances in Space Research, 2005, 35, 605-610.	1.2	9
120	A high energy telescope for the Solar Orbiter. Advances in Space Research, 2005, 36, 1426-1431.	1.2	14
121	The heliospheric modulation of 3â€“10 MeV electrons: Modeling of changes in the solar wind speed in relation to perpendicular polar diffusion. Advances in Space Research, 2005, 35, 597-604.	1.2	27
122	Modelling cosmic ray intensities along the Ulysses trajectory. Annales Geophysicae, 2005, 23, 1061-1070.	0.6	46
123	ENERGETIC PARTICLES IN THE HELIOSPHERE. International Journal of Modern Physics A, 2005, 20, 6621-6632.	0.5	4
124	Time variations of cosmic ray electrons and nuclei between 1978 and 2004: Evidence for charge-dependent modulation organized by changes in solar magnetic polarity and current sheet tilt. Journal of Geophysical Research, 2005, 110, .	3.3	10
125	Energetic particle observations from the Ulysses COSPIN instruments obtained during the October-November 2003 events. Journal of Geophysical Research, 2005, 110, .	3.3	14
126	Long-Term Modulation of Cosmic Rays in the Heliosphere and its Influence at Earth. Solar Physics, 2004, 224, 305-316.	1.0	19

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127	Latitudinal transport effects on the modulation of a few-MeV cosmic ray electrons from solar minimum to solar maximum. Journal of Geophysical Research, 2004, 109, .	3.3	11
128	Quiet time MEV electron increases at solar maximum: Ulysses cospin/ket observations. Advances in Space Research, 2003, 32, 663-668.	1.2	6
129	First results of a new 3-D model of the time-dependent modulation of electrons in the heliosphere. Advances in Space Research, 2003, 32, 681-686.	1.2	14
130	Particle drift effects on cosmic ray modulation during solar maximum. Advances in Space Research, 2003, 32, 645-650.	1.2	21
131	Transport of a few-MEV jovian and galactic electrons at solar maximum. Advances in Space Research, 2003, 32, 669-674.	1.2	9
132	Solar Wind Effects on the Transport of 3â€“10 MeV Cosmicâ€Ray Electrons from Solar Minimum to Solar Maximum. Astrophysical Journal, 2003, 594, 552-560.	1.6	20
133	Delay in solar energetic particle onsets at high heliographic latitudes. Annales Geophysicae, 2003, 21, 1367-1375.	0.6	37
134	Latitudinal and radial variation of >2 GeV/n protons and alpha-particles at solar maximum: ULYSSES COSPIN/KET and neutron monitor network observations. Annales Geophysicae, 2003, 21, 1295-1302.	0.6	11
135	The Ulysses fast latitude scans: COSPIN/KET results. Annales Geophysicae, 2003, 21, 1275-1288.	0.6	11
136	Ulysses COSPIN observations of cosmic rays and solar energetic particles from the South Pole to the North Pole of the Sun during solar maximum. Annales Geophysicae, 2003, 21, 1217-1228.	0.6	65
137	Charge-sign dependent modulation in the heliosphere over a 22-year cycle. Annales Geophysicae, 2003, 21, 1359-1366.	0.6	30
138	Ulysses Cosmic Ray and Solar Particle Investigation/Kiel Electron Telescope observations: Charge sign dependence and spatial gradients during the 1990â€“2000A› 0 solar magnetic cycle. Journal of Geophysical Research, 2002, 107, SSH 2-1.	3.3	38
139	3â€“20 MeV Electrons in the Inner Threeâ€dimensional Heliosphere at Solar Maximum:UlyssesCOSPIN/KET Observations. Astrophysical Journal, 2002, 579, 888-894.	1.6	24
140	An ICME observed by Voyager 2 at 58 AU and by Ulysses at 5 AU. Geophysical Research Letters, 2001, 28, 2755-2758.	1.5	32
141	Modulation of Jovian and galactic electrons in the heliosphere: 1. Latitudinal transport of a few MeV electrons. Journal of Geophysical Research, 2001, 106, 24979-24987.	3.3	93
142	Modulation of Jovian and galactic electrons in the heliosphere: 2. Radial transport of a few MeV electrons. Journal of Geophysical Research, 2001, 106, 29313-29321.	3.3	54
143	Latitudinal gradients and charge sign dependent modulation of galactic cosmic rays. COSPAR Colloquia Series, 2001, 11, 191-194.	0.2	2
144	Propagation of 3â€“10 MeV electrons in the inner heliosphere: Ulysses observations. Advances in Space Research, 2001, 27, 547-552.	1.2	10

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145	Modulation of galactic and anomalous cosmic rays in the inner heliosphere. Advances in Space Research, 2001, 27, 451-460.	1.2	21
146	A study of the compatibility between observations and model simulations for Jovian and galactic electrons. Advances in Space Research, 2001, 27, 553-558.	1.2	4
147	Title is missing!. Space Science Reviews, 2001, 97, 349-354.	3.7	2
148	The Evolution of the Anomalous Cosmic Ray Oxygen Spectra From 1995 to 1998: Ulysses Observations. Space Science Reviews, 2001, 97, 363-366.	3.7	1
149	Cosmic Ray Modulation over the Poles at Solar Maximum: Observations. Space Science Reviews, 2001, 97, 309-319.	3.7	23
150	Galactic cosmic ray observations at different heliospheric latitudes. Advances in Space Research, 2000, 26, 839-852.	1.2	27
151	Energetic particle signatures of a corotating interaction region from a high latitude coronal hole: SOHO, wind and Ulysses observations. Advances in Space Research, 2000, 26, 865-870.	1.2	5
152	Rigidity dependence of cosmic ray proton latitudinal gradients measured by the Ulysses spacecraft: Implications for the diffusion tensor. Journal of Geophysical Research, 2000, 105, 27447-27455.	3.3	247
153	Implications of the heliospheric modulation of cosmic ray electrons observed by Ulysses. Advances in Space Research, 1999, 23, 467-470.	1.2	10
154	Latitudinal and radial variation of >2 GeV/n protons and Î±-particles in the northern heliosphere: Ulysses COSPIN/KET and neutron monitor network observations. Advances in Space Research, 1999, 23, 443-447.	1.2	9
155	Studies of the cosmic ray radial and latitudinal intensity gradients over the cycle 22 solar minimum period. Advances in Space Research, 1999, 23, 453-458.	1.2	2
156	Corotating interaction regions. Advances in Space Research, 1999, 23, 567-579.	1.2	39
157	Corotating Interaction Regions at High Latitudes. Space Science Reviews, 1999, 89, 221-268.	3.7	21
158	Modulation of Cosmic Rays and Anomalous Components by CIRs. Space Science Reviews, 1999, 89, 307-326.	3.7	22
159	Modulation of Galactic Cosmic Rays at Solar Minimum. Space Science Reviews, 1999, 89, 125-138.	3.7	16
160	Differences in the temporal variations of galactic cosmic ray electrons and protons: Implications from Ulysses at solar minimum. Geophysical Research Letters, 1999, 26, 2133-2136.	1.5	42
161	Amplitude evolution and rigidity dependence of the 26-day recurrent cosmic ray decreases: COSPIN/KET results. Journal of Geophysical Research, 1999, 104, 28241-28247.	3.3	32
162	Corotating Particle Events. Space Science Reviews, 1998, 83, 215-258.	3.7	20

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163	Global Processes that Determine Cosmic Ray Modulation. Space Science Reviews, 1998, 83, 179-214.	3.7	23
164	Latitudinal distribution of >106 MeV protons and its relation to the ambient solar wind in the inner southern and northern heliosphere: Ulysses Cosmic and Solar Particle Investigation Kiel Electron Telescope Results. Journal of Geophysical Research, 1998, 103, 4809-4816.	3.3	19
165	Ulysses observations of short-period (â‰30 Days) modulation of the galactic cosmic rays. Geophysical Research Letters, 1997, 24, 671-674.	1.5	6
166	A comparative study of cosmic ray radial and latitudinal gradients in the inner and outer heliosphere. Journal of Geophysical Research, 1997, 102, 4643-4651.	3.3	38
167	Solar modulation of galactic cosmic rays: The 3D heliosphere. Advances in Space Research, 1997, 19, 795-804.	1.2	19
168	The modelling of the latitude dependence of cosmic ray protons and electrons in the inner heliosphere. Advances in Space Research, 1997, 19, 917-920.	1.2	61
169	Spatial variation of >106 Mev proton fluxes observed during the Ulysses rapid latitude scan: Ulysses COSPIN/KET results. Geophysical Research Letters, 1996, 23, 1513-1516.	1.5	51
170	ULYSSES observations of energetic particle acceleration and the superposed CME and CIR events of November 1992. Annales Geophysicae, 1996, 14, 400-410.	0.6	4
171	High energy cosmic ray nuclei results on Ulysses: 1. Mission overview. Space Science Reviews, 1995, 72, 391-396.	3.7	8
172	High energy cosmic-ray nuclei results on Ulysses: 2. Effects of a recurrent high-speed stream from the southern polar coronal hole. Space Science Reviews, 1995, 72, 397-402.	3.7	28
173	Variations of the high energy electron flux along the Ulysses trajectory. Space Science Reviews, 1995, 72, 409-414.	3.7	2
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