Glenn M Mason

List of Publications by Year
in descending order

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231 papers	8,365 citations	41344 49 h-index	60623 81 g-index
238 all docs	238 docs citations	238 times ranked	2384 citing authors

#	Article	IF	Citations
1	First near-relativistic solar electron events observed by EPD onboard Solar Orbiter. Astronomy and Astrophysics, 2021, 656, L3.	5.1	16
2	Radial Evolution of a CIR: Observations From a Nearly Radially Aligned Event Between Parker Solar Probe and STEREOâ€A. Geophysical Research Letters, 2021, 48, e2020GL091376.	4.0	16
3	Temperature in Solar Sources of ³He-rich Solar Energetic Particles and Relation to Ion Abundances. Astrophysical Journal, 2021, 908, 243.	4.5	15
4	Quiet-time low energy ion spectra observed on Solar Orbiter during solar minimum. Astronomy and Astrophysics, 2021, 656, L5.	5.1	7
5	Radial evolution of the April 2020 stealth coronal mass ejection between 0.8 and 1 AU. Astronomy and Astrophysics, 2021, 656, A1.	5.1	15
6	Energetic ions in the Venusian system: Insights from the first Solar Orbiter flyby. Astronomy and Astrophysics, 2021, 656, A7.	5.1	9
7	The long period of³He-rich solar energetic particles measured by Solar Orbiter 2020 November 17â€“23. Astronomy and Astrophysics, 2021, 656, L11.	5.1	12
8	Solar Energetic Electron Events Associated with Hard X-Ray Flares. Astrophysical Journal, 2021, 913, 89.	4.5	11
9	Solar energetic particle heavy ion properties in the widespread event of 2020 November 29. Astronomy and Astrophysics, 2021, 656, L12.	5.1	13
10	The first widespread solar energetic particle event observed by Solar Orbiter on 2020 November 29. Astronomy and Astrophysics, 2021, 656, A20.	5.1	36
11	First year of energetic particle measurements in the inner heliosphere with Solar Orbiterâ€™s Energetic Particle Detector. Astronomy and Astrophysics, 2021, 656, A22.	5.1	29
12	Evidence for local particle acceleration in the first recurrent galactic cosmic ray depression observed by Solar Orbiter. Astronomy and Astrophysics, 2021, 656, L10.	5.1	2
13	In-flight verification of the engineering design data for the Energetic Particle Detector on board the ESA/NASA Solar Orbiter. Acta Astronautica, 2021, 187, 12-23.	3.2	2
14	³He-rich solar energetic particle events observed on the first perihelion pass of Solar Orbiter. Astronomy and Astrophysics, 2021, 656, L1.	5.1	18
15	Suprathermal particles from corotating interaction regions during the first perihelion pass of Solar Orbiter. Astronomy and Astrophysics, 2021, 656, L2.	5.1	18
16	Evidence for Energetic Neutral Hydrogen Emission from Solar Particle Events. Astrophysical Journal, 2021, 923, 195.	4.5	4
17	The Energetic Particle Detector. Astronomy and Astrophysics, 2020, 642, A7.	5.1	107
18	Characteristics of Escaping Magnetospheric Ions Associated With Magnetic Field Fluctuations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027337.	2.4	2

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19	Solar Wind Streams and Stream Interaction Regions Observed by the Parker Solar Probe with Corresponding Observations at 1 au. Astrophysical Journal, Supplement Series, 2020, 246, 36.	7.7	43
20	³He-rich Solar Energetic Particle Observations at the Parker Solar Probe and near Earth. Astrophysical Journal, Supplement Series, 2020, 246, 42.	7.7	27
21	Predictive Capabilities and Limitations of Stream Interaction Region Observations at Different Solar Longitudes. Space Weather, 2020, 18, e2019SW002437.	3.7	12
22	Panâ€Spectrum Fitting Formula for Suprathermal Particles. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028702.	2.4	11
23	Suprathermal Ion Abundance Variations in Corotating Interaction Regions over Two Solar Cycles. Astrophysical Journal Letters, 2019, 883, L10.	8.3	13
24	3He-Rich Solar Energetic Particle Events with No Measurable 4He Intensity Increases. Solar Physics, 2019, 294, 1.	2.5	3
25	Isotopic Fractionation in ³He-rich SEP Events. Journal of Physics: Conference Series, 2019, 1332, 012017.	0.4	1
26	³He-rich Solar Energetic Particles in Helical Jets on the Sun. Astrophysical Journal, 2018, 852, 76.	4.5	46
27	A Possible Mechanism for Enriching Heavy Ions in ³He-rich Solar Energetic Particle Events. Astrophysical Journal, 2018, 862, 7.	4.5	9
28	³He-rich Solar Energetic Particles from Sunspot Jets. Astrophysical Journal Letters, 2018, 869, L21.	8.3	35
29	MMS observation of inverse energy dispersion in shock drift accelerated ions. Journal of Geophysical Research: Space Physics, 2017, 122, 3232-3246.	2.4	1
30	Origin and Properties of Quiet-time 0.11â€“1.28 MeV Nucleon^{â^'1} Heavy-ion Population Near 1 au. Astrophysical Journal, 2017, 835, 155.	4.5	23
31	Characteristics of Solar Energetic Ions as a Function of Longitude. Astrophysical Journal, 2017, 843, 132.	4.5	35
32	The injection of ten electron/³He-rich SEP events. Astronomy and Astrophysics, 2016, 585, A119.	5.1	40
33	Energy spectra of³He-rich solar energetic particles associated with coronal waves. Journal of Physics: Conference Series, 2016, 767, 012002.	0.4	2
34	Probing shock geometry via the charge to mass ratio dependence of heavy ion spectra from multiple spacecraft observations of the 2013 November 4 event. Research in Astronomy and Astrophysics, 2016, 16, 190.	1.7	4
35	Charge-to-mass dependence of heavy ion spectral breaks in large gradual solar energetic particle events. Journal of Physics: Conference Series, 2016, 767, 012004.	0.4	1
36	Properties of the suprathermal heavy ion population near 1 AU during solar cycles 23 and 24. AIP Conference Proceedings, 2016, , .	0.4	0

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37	Composition variations of low energy heavy ions during large solar energetic particle events. AIP Conference Proceedings, 2016, , .	0.4	1
38	SPECTRAL PROPERTIES OF LARGE GRADUAL SOLAR ENERGETIC PARTICLE EVENTS. II. SYSTEMATIC Q/M DEPENDENCE OF HEAVY ION SPECTRAL BREAKS. Astrophysical Journal, 2016, 828, 106.	4.5	34
39	Modeling transport of energetic particles in corotating interaction regions: A case study. Journal of Geophysical Research: Space Physics, 2016, 121, 77-92.	2.4	17
40	SPECTRAL PROPERTIES OF LARGE GRADUAL SOLAR ENERGETIC PARTICLE EVENTS. I. FE, O, AND SEED MATERIAL. Astrophysical Journal, 2016, 816, 68.	4.5	29
41	MULTI-SPACECRAFT ANALYSIS OF ENERGETIC HEAVY ION AND INTERPLANETARY SHOCK PROPERTIES IN ENERGETIC STORM PARTICLE EVENTS NEAR 1 au. Astrophysical Journal, 2016, 831, 153.	4.5	10
42	EVIDENCE FOR A COMMON ACCELERATION MECHANISM FOR ENRICHMENTS OF ³He AND HEAVY IONS IN IMPULSIVE SEP EVENTS. Astrophysical Journal, 2016, 823, 138.	4.5	30
43	ASSOCIATION OF ³He-RICH SOLAR ENERGETIC PARTICLES WITH LARGE-SCALE CORONAL WAVES. Astrophysical Journal, 2016, 833, 63.	4.5	14
44	OBSERVATIONS OF EUV WAVES IN³He-RICH SOLAR ENERGETIC PARTICLE EVENTS. Astrophysical Journal, 2015, 812, 53.	4.5	8
45	Long-lived energetic particle source regions on the Sun. Journal of Physics: Conference Series, 2015, 642, 012002.	0.4	28
46	SOLAR SOURCES OF³He-RICH SOLAR ENERGETIC PARTICLE EVENTS IN SOLAR CYCLE 24. Astrophysical Journal, 2015, 806, 235.	4.5	36
47	Case studies of multi-day³He-rich solar energetic particle periods. Astronomy and Astrophysics, 2015, 580, A16.	5.1	37
48	MULTI-SPACECRAFT OBSERVATIONS OF RECURRENT³He-RICH SOLAR ENERGETIC PARTICLES. Astrophysical Journal, 2014, 786, 71.	4.5	50
49	OBSERVATION OF HIGH IRON CHARGE STATES AT LOW ENERGIES IN SOLAR ENERGETIC PARTICLE EVENTS. Astrophysical Journal, 2014, 785, 26.	4.5	5
50	THE LONGITUDINAL DEPENDENCE OF HEAVY-ION COMPOSITION IN THE 2013 APRIL 11 SOLAR ENERGETIC PARTICLE EVENT. Astrophysical Journal, 2014, 793, 35.	4.5	37
51	OBSERVATIONS OF ENERGETIC PARTICLES BETWEEN A PAIR OF COROTATING INTERACTION REGIONS. Astrophysical Journal, 2014, 781, 17.	4.5	12
52	Approaching Solar Maximum 24 with STEREOâ€"Multipoint Observations of Solar Energetic Particle Events. Brazilian Journal of Physics, 2014, 44, 504-511.	1.4	3
53	OBSERVATIONS OF SOLAR ENERGETIC PARTICLES FROM³He-RICH EVENTS OVER A WIDE RANGE OF HELIOGRAPHIC LONGITUDE. Astrophysical Journal, 2013, 762, 54.	4.5	109
54	[sup 3]He-rich SEP events observed by STEREO-A. , 2013, , .		1

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55	Solar energetic particle characteristics and their dependence on longitude in solar cycle 24. , 2013, , .		3
56	Magnetohydrodynamic Fast Shocks and Their Relation to Solar Energetic Particle Event Intensities. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 165.	0.6	2
57	THE VERY UNUSUAL INTERPLANETARY CORONAL MASS EJECTION OF 2012 JULY 23: A BLAST WAVE MEDIATED BY SOLAR ENERGETIC PARTICLES. Astrophysical Journal, 2013, 770, 38.	4.5	123
58	Particle acceleration in the heliosphere. AIP Conference Proceedings, 2013, , .	0.4	4
59	Solar cycle heavy ion abundance variations in CIRs. , 2012, , .		0
60	Investigating the longitude dependence of solar energetic particle spectra. , 2012, , .		0
61	THE LONGITUDINAL PROPERTIES OF A SOLAR ENERGETIC PARTICLE EVENT INVESTIGATED USING MODERN SOLAR IMAGING. Astrophysical Journal, 2012, 752, 44.	4.5	156
62	A STATISTICAL STUDY OF SOLAR ELECTRON EVENTS OVER ONE SOLAR CYCLE. Astrophysical Journal, 2012, 759, 69.	4.5	94
63	COROTATING INTERACTION REGION ASSOCIATED SUPRATHERMAL HELIUM ION ENHANCEMENTS AT 1 AU: EVIDENCE FOR LOCAL ACCELERATION AT THE COMPRESSION REGION TRAILING EDGE. Astrophysical Journal, 2012, 749, 73.	4.5	37
64	Abundances of Suprathermal Heavy Ions in CIRs During the Minimum of Solar Cycle 23. Solar Physics, 2012, 281, 411.	2.5	5
65	Power Law Distributions of Suprathermal Ions inÂtheÂQuiet Solar Wind. Space Science Reviews, 2012, 172, 241-251.	8.1	30
66	Energy Spectra, Composition, and Other Properties of Ground-Level Events During Solar Cycle 23. Space Science Reviews, 2012, 171, 97-120.	8.1	139
67	SAMPEX to Reenter Atmosphere: Twentyâ€Year Mission Will End. Space Weather, 2012, 10, .	3.7	17
68	INTERPLANETARY PROPAGATION OF SOLAR ENERGETIC PARTICLE HEAVY IONS OBSERVED AT 1 AU AND THE ROLE OF ENERGY SCALING. Astrophysical Journal, 2012, 761, 104.	4.5	45
69	A small spacecraft mission with large accomplishments. Eos, 2012, 93, 325-326.	0.1	6
70	HELIUM ION ANISOTROPIES IN COROTATING INTERACTION REGIONS AT 1 AU. Astrophysical Journal Letters, 2012, 754, L30.	8.3	11
71	SOLAR CYCLE ABUNDANCE VARIATIONS IN COROTATING INTERACTION REGIONS: EVIDENCE FOR A SUPRATHERMAL ION SEED POPULATION. Astrophysical Journal Letters, 2012, 748, L31.	8.3	29
72	STEREO observations of the energetic ions in tilted corotating interaction regions. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	7

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73	STEREO OBSERVATIONS OF THE ENERGETIC HEAVY IONS DURING THE MINIMUM OF SOLAR CYCLE 23. , 2011, , .		0
74	Power Law Distributions of Suprathermal Ions in the Quiet Solar Wind. Space Sciences Series of ISSI, 2011, , 241-251.	0.0	0
75	Organization of Energetic Particles by the Solar Wind Structure During the Declining to Minimum Phase ofÂSolar Cycle 23. Solar Physics, 2010, 263, 239-261.	2.5	12
76	Observations of a [sup 3]He-rich SEP Event over a Broad Range of Heliographic Longitudes: Results from STEREO and ACE. AIP Conference Proceedings, 2010, , .	0.4	11
77	STEREO and ACE Observations of Energetic Particles from Corotating Interaction Regions. AIP Conference Proceedings, 2010, , .	0.4	4
78	Understanding large SEP events with the PATH code: Modeling of the 13 December 2006 SEP event. Journal of Geophysical Research, 2010, 115, .	3.3	49
79	COMPOSITION AND SPECTRAL PROPERTIES OF THE 1 AU QUIET-TIME SUPRATHERMAL ION POPULATION DURING SOLAR CYCLE 23. Astrophysical Journal, 2009, 693, 1588-1600.	4.5	78
80	STEREO/SEPT observations of upstream particle events: almost monoenergetic ion beams. Annales Geophysicae, 2009, 27, 2077-2085.	1.6	12
81	RELATIVE DISTRIBUTIONS OF FLUENCES OF³He AND⁴He IN SOLAR ENERGETIC PARTICLES. Astrophysical Journal, 2009, 701, 1-7.	4.5	28
82	On acceleration of <1 MeV/n He ions in the corotating compression regions near 1 AU: STEREO observations. Annales Geophysicae, 2009, 27, 3677-3690.	1.6	16
83	SOLAR ENERGETIC PARTICLE ³ He-RICH EVENTS FROM THE NEARLY QUIET SUN IN 2007-2008. Astrophysical Journal, 2009, 700, L56-L59.	4.5	19
84	Origin of Quiet-Time Suprathermal Heavy Ions Near 1 AU. , 2009, , .		3
85	In situ Observations of CIRs on STEREO, Wind, andÂACE During 2007â€‰â€“â€‰2008. Solar Physics, 2009, 256, 393-408.	2.5	36
86	STEREO Observations of Energetic Ions in Corotating Interaction Regions During the May 2007 Solar Events. Solar Physics, 2009, 259, 361-380.	2.5	11
87	Diagnostics of interplanetary and flaring plasmas in impulsive solar energetic particle events. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 291-293.	0.6	0
88	SHOCK GEOMETRY AND SPECTRAL BREAKS IN LARGE SEP EVENTS. Astrophysical Journal, 2009, 702, 998-1004.	4.5	61
89	The Suprathermal Ion Telescope (SIT) For the IMPACT/SEP Investigation. Space Science Reviews, 2008, 136, 257-284.	8.1	54
90	STEREO IMPACT Investigation Goals, Measurements, and Data Products Overview. Space Science Reviews, 2008, 136, 117-184.	8.1	257

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91	The spatial distribution of upstream ion events from the Earth's bow shock measured by ACE, Wind, and STEREO. Journal of Geophysical Research, 2008, 113, .	3.3	18
92	Abundances and Energy Spectra of Corotating Interaction Region Heavy Ions. AIP Conference Proceedings, 2008, , .	0.4	1
93	How Efficient are Coronal Mass Ejections at Accelerating Solar Energetic Particles?. AIP Conference Proceedings, 2008, , .	0.4	18
94	Examination of the Last Large Solar Energetic Particle Events of Solar Cycle 23. AIP Conference Proceedings, 2008, , .	0.4	3
95	STEREO and ACE Observations of CIR Particles. AIP Conference Proceedings, 2008, , .	0.4	3
96	Formation of Power Law Tail with Spectral Index-5 Inside and Beyond the Heliosphere. AIP Conference Proceedings, 2008, , .	0.4	29
97	Evidence for Massâ€perâ€Chargeâ€“dependent Acceleration of a Multipleâ€Component Seed Population by CMEâ€driven Interplanetary Shocks Near 1 AU. Astrophysical Journal, 2008, 682, 690-696.	4.5	8
98	Energyâ€dependent Charge States and Their Connection with Ion Abundances in Impulsive Solar Energetic Particle Events. Astrophysical Journal, 2008, 687, 623-634.	4.5	43
99	Coronal Jet Observed by Hinode as the Source of a ³ He-rich Solar Energetic Particle Event. Astrophysical Journal, 2008, 675, L125-L128.	4.5	47
100	Extended³Heâ€rich Periods of Solar Energetic Particles in Structured Solar Wind. Astrophysical Journal, Supplement Series, 2008, 176, 497-510.	7.7	18
101	STEREO IMPACT Investigation Goals, Measurements, and Data Products Overview. , 2008, , 117-184.		4
102	SIMULATION OF A TIME-OF-FLIGHT TELESCOPE FOR SUPRATHERMAL IONS IN THE HELIOSPHERE. , 2008, , .		0
103	The Suprathermal Ion Telescope (SIT) for the IMPACT/SEP Investigation. , 2008, , 257-284.		0
104	Evidence of a Twoâ€Temperature Source Region in the³Heâ€Rich Solar Energetic Particle Event of 2000 May 1. Astrophysical Journal, 2007, 671, 947-954.	4.5	26
105	The Seed Population for Energetic Particles Accelerated by CME-Driven Shocks. Space Science Reviews, 2007, 124, 261-275.	8.1	20
106	3He-Rich Solar Energetic Particle Events. Space Science Reviews, 2007, 130, 231-242.	8.1	105
107	On the Differences in Composition between Solar Energetic Particles and Solar Wind. Space Science Reviews, 2007, 130, 207-219.	8.1	55
108	Long-Term Fluences of Solar Energetic Particles from H to Fe. Space Science Reviews, 2007, 130, 323-328.	8.1	43

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109	Solar Elemental Composition Based on Studies of Solar Energetic Particles. Space Science Reviews, 2007, 130, 183-194.	8.1	31
110	Evidence for a Two-Stage Acceleration Process in Large Solar Energetic Particle Events. Space Science Reviews, 2007, 130, 243-253.	8.1	7
111	On the Differences in Composition between Solar Energetic Particles and Solar Wind. Space Sciences Series of ISSI, 2007, , 207-219.	0.0	2
112	Long-Term Fluences of Solar Energetic Particles from H to Fe. Space Sciences Series of ISSI, 2007, , 323-328.	0.0	4
113	3He-Rich Solar Energetic Particle Events. Space Sciences Series of ISSI, 2007, , 231-242.	0.0	2
114	Solar Elemental Composition Based on Studies of Solar Energetic Particles. Space Sciences Series of ISSI, 2007, , 183-194.	0.0	0
115	Evidence for a Two-Stage Acceleration Process in Large Solar Energetic Particle Events. Space Sciences Series of ISSI, 2007, , 243-253.	0.0	0
116	The Source Material for Large Solar Energetic Particle Events. , 2006, , 115.		17
117	The Creation of New Ion Radiation Belts Associated with Solar Energetic Particle Events and Interplanetary Shocks. , 2006, , 345.		6
118	Stochastic Acceleration of3He and4He in Solar Flares by Parallelâ€propagating Plasma Waves: General Results. Astrophysical Journal, 2006, 636, 462-474.	4.5	91
119	Origin of heavy ions in upstream events near the Earth's bow shock. Geophysical Research Letters, 2006, 33, n/a-n/a.	4.0	8
120	The Role of Interplanetary Scattering in Western Hemisphere Large Solar Energetic Particle Events. Astrophysical Journal, 2006, 647, L65-L68.	4.5	41
121	Solar Source Regions for3Heâ€rich Solar Energetic Particle Events Identified Using Imaging Radio, Optical, and Energetic Particle Observations. Astrophysical Journal, 2006, 648, 1247-1255.	4.5	58
122	Solar Cycle Variations in the Composition of the Suprathermal Heavy-Ion Population near 1 AU. Astrophysical Journal, 2006, 645, L81-L84.	4.5	59
123	Coronal Holes, Jets, and the Origin of3Heâ€rich Particle Events. Astrophysical Journal, 2006, 639, 495-509.	4.5	165
124	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
125	Heavyâ€ion Elemental Abundances in Large Solar Energetic Particle Events and Their Implications for the Seed Population. Astrophysical Journal, 2006, 649, 470-489.	4.5	128
126	The Seed Population for Energetic Particles Accelerated By CME-Driven Shocks. Space Sciences Series of ISSI, 2006, , 261-275.	0.0	0

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127	The Model Dependence of Solar Energetic Particle Mean Free Paths under Weak Scattering. Astrophysical Journal, 2005, 627, 562-566.	4.5	29
128	The Upper Limit on 3 He Fluence in Solar Energetic Particle Events. Astrophysical Journal, 2005, 621, L141-L144.	4.5	31
129	Finite-Time Shock Acceleration of Energetic Storm Particles. Astrophysical Journal, 2005, 633, L53-L56.	4.5	11
130	Solar Energetic Particle Spectral Breaks. AIP Conference Proceedings, 2005, , .	0.4	10
131	Energetic Particles Accelerated by Shocks in the Heliosphere: What is the Source Material?. AIP Conference Proceedings, 2005, , .	0.4	13
132	Heavy ion abundances and spectra from the large solar energetic particle events of October-November 2003. Journal of Geophysical Research, 2005, 110, .	3.3	71
133	Proton, helium, and electron spectra during the large solar particle events of October-November 2003. Journal of Geophysical Research, 2005, 110, .	3.3	187
134	Energy partition in two solar flare/CME events. Journal of Geophysical Research, 2004, 109, .	3.3	223
135	Abundances of Heavy and Ultraheavy Ions in3Heâ€rich Solar Flares. Astrophysical Journal, 2004, 606, 555-564.	4.5	144
136	Stochastic Acceleration of 3 He and 4 He by Parallel Propagating Plasma Waves. Astrophysical Journal, 2004, 613, L81-L84.	4.5	43
137	Spectral Properties of Heavy Ions Associated with the Passage of Interplanetary Shocks at 1 AU. Astrophysical Journal, 2004, 611, 1156-1174.	4.5	96
138	Evidence for a Suprathermal Seed Population of Heavy Ions Accelerated by Interplanetary Shocks near 1 AU. Astrophysical Journal, 2003, 588, 1149-1162.	4.5	170
139	Composition Variations during Large Solar Energetic Particle Events. AIP Conference Proceedings, 2003, , .	0.4	0
140	How Common is Energetic 3He in the Inner Heliosphere?. AIP Conference Proceedings, 2003, , .	0.4	11
141	Elemental Fractionation in Small Solar Energetic Particle Events. Astrophysical Journal, 2003, 594, 592-604.	4.5	18
142	Spectral Properties of He and Heavy Ions in3Heâ€rich Solar Flares. Astrophysical Journal, 2002, 574, 1039-1058.	4.5	107
143	Wind and ACE observations during the great flow of 1â€“4 May 1998: Relation to solar activity and implications for the magnetosphere. Journal of Geophysical Research, 2002, 107, SSH 3-1.	3.3	26
144	Charge States of Energetic Particles from Corotating Interaction Regions as Constraints on Their Source. Astrophysical Journal, 2002, 566, 555-561.	4.5	19

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145	A New Heavy Ion Abundance Enrichment Pattern in [TSUP]3[/TSUP]H[CLC]e[/CLC]-rich Solar Particle Events. Astrophysical Journal, 2002, 565, L51-L54.	4.5	48
146	Flare- and Shock-accelerated Energetic Particles in the Solar Events of 2001 April 14 and 15. Astrophysical Journal, 2002, 581, L119-L123.	4.5	44
147	Relationships between precipitating auroral zone electrons and lower thermospheric nitric oxide densities: 1998 - 2000. Journal of Geophysical Research, 2001, 106, 24465-24480.	3.3	38
148	Propagation of impulsive solar energetic particle events. AIP Conference Proceedings, 2001, , .	0.4	1
149	Long-term fluences of energetic particles in the heliosphere. AIP Conference Proceedings, 2001, , .	0.4	33
150	Acceleration of [TSUP]3[/TSUP]H[CLC]e[/CLC] Nuclei at Interplanetary Shocks. Astrophysical Journal, 2001, 553, L89-L92.	4.5	66
151	Energetic Electrons in3Heâ€Enhanced Solar Energetic Particle Events. Astrophysical Journal, 2001, 552, 863-870.	4.5	12
152	Isotopic Composition of Solar Energetic Particle Events Measured byAdvanced Composition Explorer/ULEIS. Astrophysical Journal, 2001, 563, 403-409.	4.5	23
153	Heliospheric Lessons for Galactic Cosmic-Ray Acceleration. Space Sciences Series of ISSI, 2001, , 119-133.	0.0	1
154	Survey of ionic charge states of solar energetic particle events during the first year of ACE. AIP Conference Proceedings, 2000, , .	0.4	14
155	Composition and energy spectra of ions accelerated in Corotating Interaction Regions. AIP Conference Proceedings, 2000, , .	0.4	21
156	New Properties of [TSUP]3[/TSUP]H[CLC]e[/CLC]-rich Solar Flares Deduced from Low-Energy Particle Spectra. Astrophysical Journal, 2000, 545, L157-L160.	4.5	61
157	Interplanetary Magnetic Field Line Mixing Deduced from Impulsive Solar Flare Particles. Astrophysical Journal, 2000, 532, L79-L82.	4.5	213
158	The suprathermal seed population for corotating interaction region ions at 1 AU deduced from composition and spectra of H+, He++, and He+observed on Wind. Journal of Geophysical Research, 2000, 105, 23107-23122.	3.3	119
159	The spatial size of ion events measured far upstream of the Earth's bow shock by ACE/ULEIS and WIND/STEP. Geophysical Research Letters, 2000, 27, 65-68.	4.0	8
160	Anomalous cosmic ray argon and other rare elements at 1-4 MeV/nucleon trapped within the Earth's magnetosphere. Journal of Geophysical Research, 2000, 105, 21015-21023.	3.3	18
161	Characteristics of energetic (â‰³30 keV/nucleon) ions observed by the Wind/STEP instrument upstream of the Earth's bow shock. Journal of Geophysical Research, 2000, 105, 61-78.	3.3	50
162	[TSUP]3[/TSUP]H[CLC]e[/CLC] Enhancements in Large Solar Energetic Particle Events. Astrophysical Journal, 1999, 525, L133-L136.	4.5	212

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163	Charge states of solar energetic particles using the geomagnetic cutoff technique: SAMPEX measurements in the 6 November 1997 solar particle event. Geophysical Research Letters, 1999, 26, 173-176.	4.0	89
164	Particle acceleration and sources in the November 1997 solar energetic particle events. Geophysical Research Letters, 1999, 26, 141-144.	4.0	72
165	Energetic particle abundances at CIR shocks. Geophysical Research Letters, 1999, 26, 17-20.	4.0	21
166	Simultaneous observations of energetic (âˆ¼150 keV) protons upstream of the Earth's bow shock at ACE and WIND. Geophysical Research Letters, 1999, 26, 169-172.	4.0	8
167	Evidence for acceleration of ions to âˆ¼ 1 Mev by adiabatic-like reflection at the quasi-perpendicular Earth's bow shock. Geophysical Research Letters, 1999, 26, 2925-2928.	4.0	15
168	Low-altitude equatorial ions: A new look with SAMPEX. Journal of Geophysical Research, 1999, 104, 19911-19922.	3.3	12
169	Magnetospheric response to magnetic cloud (coronal mass ejection) events: Relativistic electron observations from SAMPEX and Polar. Journal of Geophysical Research, 1999, 104, 24885-24894.	3.3	43
170	Origin, Injection, and Acceleration of CIR Particles: Observations. Space Sciences Series of ISSI, 1999, , 327-367.	0.0	10
171	CIR Associated Energetic Particles in the Inner and Middle Heliosphere. Space Sciences Series of ISSI, 1999, , 77-90.	0.0	8
172	High-latitude energetic particle boundaries and the polar cap: A statistical study. Journal of Geophysical Research, 1998, 103, 9367-9372.	3.3	11
173	A comparison of recurrent energetic ion enhancements observed at Ulysses and at 1 AU by IMP 8 and SAMPEX: Ulysses launch until following the first north polar passage. Journal of Geophysical Research, 1998, 103, 2115-2129.	3.3	25
174	Solar energetic particles inside magnetic clouds observed with the Wind spacecraft. Geophysical Research Letters, 1998, 25, 2521-2524.	4.0	19
175	The elemental composition of low altitude 0.49 MeV/nucleon trapped equatorial ions. Geophysical Research Letters, 1998, 25, 849-852.	4.0	5
176	Reply [to â€œComment on â€˜Energetic heavy ions observed upstream of the Earth's bow shock by the STEP/EPACT instrument on WINDâ€™ by G. M. Mason, J. E. Mazur, and T. T. Von Rosenvingeâ€¦. Geophysical Research Letters, 1998, 25, 1527-1528.	4.0	2
177	The Ultra-Low-Energy Isotope Spectrometer (ULEIS) for the Ace Spacecraft. , 1998, , 409-448.		10
178	Perpendicular Transport of Low-Energy Corotating Interaction Regionâ€“associated Nuclei. Astrophysical Journal, 1997, 490, L115-L118.	4.5	89
179	New Spectral and Abundance Features of Interplanetary Heavy Ions in Corotating Interaction Regions. Astrophysical Journal, 1997, 486, L149-L152.	4.5	76
180	Late-phase acceleration of energetic ions in corotating interaction regions. Geophysical Research Letters, 1997, 24, 2917-2920.	4.0	27

#	Article	IF	Citations
181	Acceleration of solar flare Â³He at the Earth's bow shock. Geophysical Research Letters, 1997, 24, 61-64.	4.0	5
182	The Ionic Charge of Solar Energetic Particles with Energies of 0.3â€“70 MeV per Nucleon. Astrophysical Journal, 1997, 477, 495-501.	4.5	87
183	Energy Spectra of Ions Accelerated in Impulsive and Gradual Solar Events. Astrophysical Journal, 1997, 483, 515-522.	4.5	93
184	Fe-rich solar energetic particle events during solar minimum. Geophysical Research Letters, 1996, 23, 1219-1222.	4.0	9
185	Energetic heavy ions observed upstream of the Earth's bow shock by the STEP/EPACT instrument on WIND. Geophysical Research Letters, 1996, 23, 1231-1234.	4.0	28
186	Precipitating electrons: Evidence for effects on mesospheric odd nitrogen. Geophysical Research Letters, 1996, 23, 1901-1904.	4.0	52
187	The Energetic Particles: Acceleration, Composition, and Transport (EPACT) investigation on the WIND spacecraft. Space Science Reviews, 1995, 71, 155-206.	8.1	136
188	Anomalous cosmic ray oxygen gradients throughout the heliosphere. Geophysical Research Letters, 1995, 22, 341-344.	4.0	41
189	Charge State Measurements of Solar Energetic Particles Observed with SAMPEX. Astrophysical Journal, 1995, 452, 901.	4.5	64
190	Charge state of anomalous cosmic-ray nitrogen, oxygen, and neon: SAMPEX observations. Astrophysical Journal, 1995, 442, L69.	4.5	50
191	Heavy Ion Acceleration beyond 10 M[CLC]e[/CLC]V per Nucleon in Impulsive Solar Flares. Astrophysical Journal, 1995, 448, .	4.5	12
192	Electromagnetic waves with frequencies near the local proton gyrofrequency: ISEE-3 1 AU observations. Geophysical Research Letters, 1994, 21, 633-636.	4.0	27
193	Heavy-ion isotopic anomalies in He-3 rich solar particle events. Astrophysical Journal, 1994, 425, 843.	4.5	59
194	Diffusion coefficients of energetic water group ions near comet Giacobiniâ€Zinner. Journal of Geophysical Research, 1993, 98, 3613-3621.	3.3	3
195	Evidence for proton cyclotron waves near comet Giacobiniâ€Zinner. Geophysical Research Letters, 1993, 20, 169-172.	4.0	8
196	The return of the anomalous cosmic rays to 1 AU in 1992. Geophysical Research Letters, 1993, 20, 2263-2266.	4.0	47
197	Reply [to â€œComment on â€˜Evidence for proton cyclotron waves near comet Giacobiniâ€Zinnerâ€™â€]. Geophysical Research Letters, 1993, 20, 2493-2494.	4.0	1
198	The abundances of hydrogen, helium, oxygen, and iron accelerated in large solar particle events. Astrophysical Journal, 1993, 404, 810.	4.5	34

#	Article	IF	Citations
199	Magnetic field power density spectra during 'scatter-free' solar particle events. Astrophysical Journal, 1993, 409, L29.	4.5	8
200	The solar, anomalous, and magnetospheric particle explorer. Eos, 1992, 73, 153-153.	0.1	0
201	Anisotropy of nonrelativistic particles deduced from analysis of their bulk flow speed. Journal of Geophysical Research, 1992, 97, 179-184.	3.3	7
202	Focused transport of energetic particles along magnetic field lines draped around a coronal mass ejection. Journal of Geophysical Research, 1992, 97, 1597-1607.	3.3	12
203	The energy spectra of solar flare hydrogen, helium, oxygen, and iron - Evidence for stochastic acceleration. Astrophysical Journal, 1992, 401, 398.	4.5	72
204	The charge state of the anomalous component of cosmic rays. Astrophysical Journal, 1991, 375, L45.	4.5	62
205	SAMPEX mission overview. AIP Conference Proceedings, 1990, , .	0.4	2
206	Injection and diffusive transport of suprathermal through energetic solar flare protons (35 keV to 20) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.3	14
207	Energetic heavy ions observed near comet Giacobiniâ€Zinner. Journal of Geophysical Research, 1990, 95, 20685-20692.	3.3	2
208	Energetic particle diffusion coefficients upstream of quasiâ€parallel interplanetary shocks. Journal of Geophysical Research, 1989, 94, 6552-6562.	3.3	23
209	Impulsive acceleration and scatter-free transport of about 1 MeV per nucleon ions in (He-3)-rich solar particle events. Astrophysical Journal, 1989, 339, 529.	4.5	60
210	Seed population for about 1 MeV per nucleon heavy ions accelerated by interplanetary shocks. Astrophysical Journal, 1989, 345, 572.	4.5	29
211	Downstream energetic proton and alpha particles during quasiâ€parallel interplanetary shock events. Journal of Geophysical Research, 1988, 93, 7225-7243.	3.3	19
212	The composition of galactic cosmic rays and solar energetic particles. Reviews of Geophysics, 1987, 25, 685-696.	23.0	22
213	A multispacecraft study of the injection and transport of solar energetic particles. Astrophysical Journal, 1987, 322, 1052.	4.5	74
214	Energetic proton and helium fluxes associated with interplanetary shocks and their relation to the solar wind composition. Journal of Geophysical Research, 1986, 91, 11009-11018.	3.3	9
215	The heavy-ion compositional signature in He-3-rich solar particle events. Astrophysical Journal, 1986, 303, 849.	4.5	142
216	Temporal variations of nucleonic abundances in solar flare energetic particle events. II - Evidence for large-scale shock acceleration. Astrophysical Journal, 1984, 280, 902.	4.5	101

#	Article	IF	Citations
217	Temporal variations of nucleonic abundances in solar flare energetic particle events. I - Well-connected events. Astrophysical Journal, 1983, 267, 844.	4.5	34
218	A survey of approximately 1 MeV/nucleon solar flare particle abundances, in the Z 1-26 range, during the 1973-1977 solar minimum period. Astrophysical Journal, 1980, 239, 1070.	4.5	42
219	Carbon-poor solar flare events. Astrophysical Journal, 1979, 231, L87.	4.5	6
220	New aspects of the cosmic-ray modulation in 1974-1975 near solar minimum. Astrophysical Journal, 1977, 213, 263.	4.5	33
221	The age of the galactic cosmic rays derived from the abundance of Be-10. Astrophysical Journal, 1977, 217, 859.	4.5	140
222	Energy dependence of the Si/Fe ratio in the galactic cosmic rays. Astrophysical Journal, 1975, 197, 489.	4.5	8
223	The anomalous He-4 component in the cosmic-ray spectrum at below approximately 50 MeV per nucleon during 1972-1974. Astrophysical Journal, 1975, 202, 265.	4.5	110
224	The cosmic-ray age deduced from the Be-10 abundance. Astrophysical Journal, 1975, 201, L141.	4.5	30
225	The isotopic composition of galactic cosmic-ray lithium, beryllium, and boron. Astrophysical Journal, 1975, 201, L145.	4.5	45
226	The Abundances of Galactic Cosmic-Ray Carbon, Nitrogen, and Oxygen and Their Astrophysical Implications. Astrophysical Journal, 1973, 184, 967.	4.5	7
227	A New Test for Solar Modulation Theory: the 1972 May-July Low-Energy Galactic Cosmic-Ray Proton and Helium Spectra. Astrophysical Journal, 1973, 182, L81.	4.5	156
228	Interstellar Propagation of Galactic Cosmic-Ray Nuclei 2 â‰¤ Z â‰¤ 8 IN the Energy Range 10-1000 MeV Per Nucleon. Astrophysical Journal, 1972, 171, 139.	4.5	18
229	Cosmic-Ray ^{2}H from Satellite Measurements, 1965-1969. Astrophysical Journal, 1971, 166, 221.	4.5	28
230	Particle Acceleration and Transport at CME-Driven Shocks: A Case Study. Geophysical Monograph Series, 0, , 51-58.	0.1	6
231	Interplanetary Ion Flux Dropouts Across Multiple 3He-Rich Events. Frontiers in Astronomy and Space Sciences, 0, 9, .	2.8	9