

Glenn M Mason

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	STEREO IMPACT Investigation Goals, Measurements, and Data Products Overview. <i>Space Science Reviews</i> , 2008, 136, 117-184.	3.7	257
2	Energy partition in two solar flare/CME events. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	223
3	Interplanetary Magnetic Field Line Mixing Deduced from Impulsive Solar Flare Particles. <i>Astrophysical Journal</i> , 2000, 532, L79-L82.	1.6	213
4	[TSUP]3[/TSUP]H[CLC]e[/CLC] Enhancements in Large Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 1999, 525, L133-L136.	1.6	212
5	Proton, helium, and electron spectra during the large solar particle events of October-November 2003. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	187
6	Evidence for a Suprathermal Seed Population of Heavy Ions Accelerated by Interplanetary Shocks near 1 AU. <i>Astrophysical Journal</i> , 2003, 588, 1149-1162.	1.6	170
7	Coronal Holes, Jets, and the Origin of ³ He-rich Particle Events. <i>Astrophysical Journal</i> , 2006, 639, 495-509.	1.6	165
8	THE LONGITUDINAL PROPERTIES OF A SOLAR ENERGETIC PARTICLE EVENT INVESTIGATED USING MODERN SOLAR IMAGING. <i>Astrophysical Journal</i> , 2012, 752, 44.	1.6	156
9	A New Test for Solar Modulation Theory: the 1972 May-July Low-Energy Galactic Cosmic-Ray Proton and Helium Spectra. <i>Astrophysical Journal</i> , 1973, 182, L81.	1.6	156
10	Abundances of Heavy and Ultraheavy Ions in ³ He-rich Solar Flares. <i>Astrophysical Journal</i> , 2004, 606, 555-564.	1.6	144
11	The heavy-ion compositional signature in He-3-rich solar particle events. <i>Astrophysical Journal</i> , 1986, 303, 849.	1.6	142
12	The age of the galactic cosmic rays derived from the abundance of Be-10. <i>Astrophysical Journal</i> , 1977, 217, 859.	1.6	140
13	Energy Spectra, Composition, and Other Properties of Ground-Level Events During Solar Cycle 23. <i>Space Science Reviews</i> , 2012, 171, 97-120.	3.7	139
14	The Energetic Particles: Acceleration, Composition, and Transport (EPACT) investigation on the WIND spacecraft. <i>Space Science Reviews</i> , 1995, 71, 155-206.	3.7	136
15	Heavy-ion Elemental Abundances in Large Solar Energetic Particle Events and Their Implications for the Seed Population. <i>Astrophysical Journal</i> , 2006, 649, 470-489.	1.6	128
16	THE VERY UNUSUAL INTERPLANETARY CORONAL MASS EJECTION OF 2012 JULY 23: A BLAST WAVE MEDIATED BY SOLAR ENERGETIC PARTICLES. <i>Astrophysical Journal</i> , 2013, 770, 38.	1.6	123
17	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. <i>Journal of Geophysical Research</i> , 2000, 105, 23107-23122.	3.3	119
18	The anomalous He-4 component in the cosmic-ray spectrum at below approximately 50 MeV per nucleon during 1972-1974. <i>Astrophysical Journal</i> , 1975, 202, 265.	1.6	110

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19	OBSERVATIONS OF SOLAR ENERGETIC PARTICLES FROM ^3He -RICH EVENTS OVER A WIDE RANGE OF HELIOGRAPHIC LONGITUDE. <i>Astrophysical Journal</i> , 2013, 762, 54.	1.6	109
20	Spectral Properties of He and Heavy Ions in ^3He -rich Solar Flares. <i>Astrophysical Journal</i> , 2002, 574, 1039-1058.	1.6	107
21	The Energetic Particle Detector. <i>Astronomy and Astrophysics</i> , 2020, 642, A7.	2.1	107
22	^3He -Rich Solar Energetic Particle Events. <i>Space Science Reviews</i> , 2007, 130, 231-242.	3.7	105
23	Temporal variations of nucleonic abundances in solar flare energetic particle events. II - Evidence for large-scale shock acceleration. <i>Astrophysical Journal</i> , 1984, 280, 902.	1.6	101
24	Spectral Properties of Heavy Ions Associated with the Passage of Interplanetary Shocks at 1 AU. <i>Astrophysical Journal</i> , 2004, 611, 1156-1174.	1.6	96
25	A STATISTICAL STUDY OF SOLAR ELECTRON EVENTS OVER ONE SOLAR CYCLE. <i>Astrophysical Journal</i> , 2012, 759, 69.	1.6	94
26	Energy Spectra of Ions Accelerated in Impulsive and Gradual Solar Events. <i>Astrophysical Journal</i> , 1997, 483, 515-522.	1.6	93
27	Stochastic Acceleration of ^3He and ^4He in Solar Flares by Parallel-propagating Plasma Waves: General Results. <i>Astrophysical Journal</i> , 2006, 636, 462-474.	1.6	91
28	Perpendicular Transport of Low-Energy Corotating Interaction Region-associated Nuclei. <i>Astrophysical Journal</i> , 1997, 490, L115-L118.	1.6	89
29	Charge states of solar energetic particles using the geomagnetic cutoff technique: SAMPEX measurements in the 6 November 1997 solar particle event. <i>Geophysical Research Letters</i> , 1999, 26, 173-176.	1.5	89
30	The Ionic Charge of Solar Energetic Particles with Energies of 0.3-70 MeV per Nucleon. <i>Astrophysical Journal</i> , 1997, 477, 495-501.	1.6	87
31	COMPOSITION AND SPECTRAL PROPERTIES OF THE 1 AU QUIET-TIME SUPRATHERMAL ION POPULATION DURING SOLAR CYCLE 23. <i>Astrophysical Journal</i> , 2009, 693, 1588-1600.	1.6	78
32	New Spectral and Abundance Features of Interplanetary Heavy Ions in Corotating Interaction Regions. <i>Astrophysical Journal</i> , 1997, 486, L149-L152.	1.6	76
33	A multispacecraft study of the injection and transport of solar energetic particles. <i>Astrophysical Journal</i> , 1987, 322, 1052.	1.6	74
34	Particle acceleration and sources in the November 1997 solar energetic particle events. <i>Geophysical Research Letters</i> , 1999, 26, 141-144.	1.5	72
35	The energy spectra of solar flare hydrogen, helium, oxygen, and iron - Evidence for stochastic acceleration. <i>Astrophysical Journal</i> , 1992, 401, 398.	1.6	72
36	Heavy ion abundances and spectra from the large solar energetic particle events of October-November 2003. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	71

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37	Acceleration of [TSUP]3[/TSUP]H[CLC]e[/CLC] Nuclei at Interplanetary Shocks. <i>Astrophysical Journal</i> , 2001, 553, L89-L92.	1.6	66
38	Charge State Measurements of Solar Energetic Particles Observed with SAMPEX. <i>Astrophysical Journal</i> , 1995, 452, 901.	1.6	64
39	The charge state of the anomalous component of cosmic rays. <i>Astrophysical Journal</i> , 1991, 375, L45.	1.6	62
40	New Properties of [TSUP]3[/TSUP]H[CLC]e[/CLC]-rich Solar Flares Deduced from Low-Energy Particle Spectra. <i>Astrophysical Journal</i> , 2000, 545, L157-L160.	1.6	61
41	SHOCK GEOMETRY AND SPECTRAL BREAKS IN LARGE SEP EVENTS. <i>Astrophysical Journal</i> , 2009, 702, 998-1004.	1.6	61
42	Impulsive acceleration and scatter-free transport of about 1 MeV per nucleon ions in (He-3)-rich solar particle events. <i>Astrophysical Journal</i> , 1989, 339, 529.	1.6	60
43	Solar Cycle Variations in the Composition of the Suprathermal Heavy-Ion Population near 1 AU. <i>Astrophysical Journal</i> , 2006, 645, L81-L84.	1.6	59
44	Heavy-ion isotopic anomalies in He-3 rich solar particle events. <i>Astrophysical Journal</i> , 1994, 425, 843.	1.6	59
45	Solar Source Regions for ³ He-rich Solar Energetic Particle Events Identified Using Imaging Radio, Optical, and Energetic Particle Observations. <i>Astrophysical Journal</i> , 2006, 648, 1247-1255.	1.6	58
46	On the Differences in Composition between Solar Energetic Particles and Solar Wind. <i>Space Science Reviews</i> , 2007, 130, 207-219.	3.7	55
47	The Suprathermal Ion Telescope (SIT) For the IMPACT/SEP Investigation. <i>Space Science Reviews</i> , 2008, 136, 257-284.	3.7	54
48	Precipitating electrons: Evidence for effects on mesospheric odd nitrogen. <i>Geophysical Research Letters</i> , 1996, 23, 1901-1904.	1.5	52
49	Characteristics of energetic (≈ 30 keV/nucleon) ions observed by the Wind/STEP instrument upstream of the Earth's bow shock. <i>Journal of Geophysical Research</i> , 2000, 105, 61-78.	3.3	50
50	MULTI-SPACECRAFT OBSERVATIONS OF RECURRENT ³ He-RICH SOLAR ENERGETIC PARTICLES. <i>Astrophysical Journal</i> , 2014, 786, 71.	1.6	50
51	Charge state of anomalous cosmic-ray nitrogen, oxygen, and neon: SAMPEX observations. <i>Astrophysical Journal</i> , 1995, 442, L69.	1.6	50
52	Understanding large SEP events with the PATH code: Modeling of the 13 December 2006 SEP event. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	49
53	A New Heavy Ion Abundance Enrichment Pattern in [TSUP]3[/TSUP]H[CLC]e[/CLC]-rich Solar Particle Events. <i>Astrophysical Journal</i> , 2002, 565, L51-L54.	1.6	48
54	The return of the anomalous cosmic rays to 1 AU in 1992. <i>Geophysical Research Letters</i> , 1993, 20, 2263-2266.	1.5	47

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55	Coronal Jet Observed by <i>Hinode</i> as the Source of a ³ He-rich Solar Energetic Particle Event. <i>Astrophysical Journal</i> , 2008, 675, L125-L128.	1.6	47
56	³ He-rich Solar Energetic Particles in Helical Jets on the Sun. <i>Astrophysical Journal</i> , 2018, 852, 76.	1.6	46
57	INTERPLANETARY PROPAGATION OF SOLAR ENERGETIC PARTICLE HEAVY IONS OBSERVED AT 1 AU AND THE ROLE OF ENERGY SCALING. <i>Astrophysical Journal</i> , 2012, 761, 104.	1.6	45
58	The isotopic composition of galactic cosmic-ray lithium, beryllium, and boron. <i>Astrophysical Journal</i> , 1975, 201, L145.	1.6	45
59	Flare- and Shock-accelerated Energetic Particles in the Solar Events of 2001 April 14 and 15. <i>Astrophysical Journal</i> , 2002, 581, L119-L123.	1.6	44
60	Magnetospheric response to magnetic cloud (coronal mass ejection) events: Relativistic electron observations from SAMPEX and Polar. <i>Journal of Geophysical Research</i> , 1999, 104, 24885-24894.	3.3	43
61	Stochastic Acceleration of ³ He and ⁴ He by Parallel Propagating Plasma Waves. <i>Astrophysical Journal</i> , 2004, 613, L81-L84.	1.6	43
62	Long-Term Fluences of Solar Energetic Particles from H to Fe. <i>Space Science Reviews</i> , 2007, 130, 323-328.	3.7	43
63	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
64	Solar Wind Streams and Stream Interaction Regions Observed by the Parker Solar Probe with Corresponding Observations at 1 au. <i>Astrophysical Journal</i> , Supplement Series, 2020, 246, 36.	3.0	43
65	A survey of approximately 1 MeV/nucleon solar flare particle abundances, in the Z 1-26 range, during the 1973-1977 solar minimum period. <i>Astrophysical Journal</i> , 1980, 239, 1070.	1.6	42
66	Anomalous cosmic ray oxygen gradients throughout the heliosphere. <i>Geophysical Research Letters</i> , 1995, 22, 341-344.	1.5	41
67	The Role of Interplanetary Scattering in Western Hemisphere Large Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2006, 647, L65-L68.	1.6	41
68	The injection of ten electron/ ³ He-rich SEP events. <i>Astronomy and Astrophysics</i> , 2016, 585, A119.	2.1	40
69	Relationships between precipitating auroral zone electrons and lower thermospheric nitric oxide densities: 1998 - 2000. <i>Journal of Geophysical Research</i> , 2001, 106, 24465-24480.	3.3	38
70	COROTATING INTERACTION REGION ASSOCIATED SUPRATHERMAL HELIUM ION ENHANCEMENTS AT 1 AU: EVIDENCE FOR LOCAL ACCELERATION AT THE COMPRESSION REGION TRAILING EDGE. <i>Astrophysical Journal</i> , 2012, 749, 73.	1.6	37
71	THE LONGITUDINAL DEPENDENCE OF HEAVY-ION COMPOSITION IN THE 2013 APRIL 11 SOLAR ENERGETIC PARTICLE EVENT. <i>Astrophysical Journal</i> , 2014, 793, 35.	1.6	37
72	Case studies of multi-day ³ He-rich solar energetic particle periods. <i>Astronomy and Astrophysics</i> , 2015, 580, A16.	2.1	37

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73	In situ Observations of CIRs on STEREO, Wind, and ACE During 2007-2008. Solar Physics, 2009, 256, 393-408.	1.0	36
74	SOLAR SOURCES OF ³ He-RICH SOLAR ENERGETIC PARTICLE EVENTS IN SOLAR CYCLE 24. Astrophysical Journal, 2015, 806, 235.	1.6	36
75	The first widespread solar energetic particle event observed by Solar Orbiter on 2020 November 29. Astronomy and Astrophysics, 2021, 656, A20.	2.1	36
76	Characteristics of Solar Energetic Ions as a Function of Longitude. Astrophysical Journal, 2017, 843, 132.	1.6	35
77	³ He-rich Solar Energetic Particles from Sunspot Jets. Astrophysical Journal Letters, 2018, 869, L21.	3.0	35
78	SPECTRAL PROPERTIES OF LARGE GRADUAL SOLAR ENERGETIC PARTICLE EVENTS. II. SYSTEMATIC Q/M DEPENDENCE OF HEAVY ION SPECTRAL BREAKS. Astrophysical Journal, 2016, 828, 106.	1.6	34
79	Temporal variations of nucleonic abundances in solar flare energetic particle events. I - Well-connected events. Astrophysical Journal, 1983, 267, 844.	1.6	34
80	The abundances of hydrogen, helium, oxygen, and iron accelerated in large solar particle events. Astrophysical Journal, 1993, 404, 810.	1.6	34
81	Long-term fluences of energetic particles in the heliosphere. AIP Conference Proceedings, 2001, , .	0.3	33
82	New aspects of the cosmic-ray modulation in 1974-1975 near solar minimum. Astrophysical Journal, 1977, 213, 263.	1.6	33
83	The Upper Limit on ³ He Fluence in Solar Energetic Particle Events. Astrophysical Journal, 2005, 621, L141-L144.	1.6	31
84	Solar Elemental Composition Based on Studies of Solar Energetic Particles. Space Science Reviews, 2007, 130, 183-194.	3.7	31
85	Power Law Distributions of Suprathermal Ions in the Quiet Solar Wind. Space Science Reviews, 2012, 172, 241-251.	3.7	30
86	EVIDENCE FOR A COMMON ACCELERATION MECHANISM FOR ENRICHMENTS OF ³ He AND HEAVY IONS IN IMPULSIVE SEP EVENTS. Astrophysical Journal, 2016, 823, 138.	1.6	30
87	The cosmic-ray age deduced from the Be-10 abundance. Astrophysical Journal, 1975, 201, L141.	1.6	30
88	The Model Dependence of Solar Energetic Particle Mean Free Paths under Weak Scattering. Astrophysical Journal, 2005, 627, 562-566.	1.6	29
89	Formation of Power Law Tail with Spectral Index-5 Inside and Beyond the Heliosphere. AIP Conference Proceedings, 2008, , .	0.3	29
90	SPECTRAL PROPERTIES OF LARGE GRADUAL SOLAR ENERGETIC PARTICLE EVENTS. I. FE, O, AND SEED MATERIAL. Astrophysical Journal, 2016, 816, 68.	1.6	29

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91	First year of energetic particle measurements in the inner heliosphere with Solar Orbiter's Energetic Particle Detector. <i>Astronomy and Astrophysics</i> , 2021, 656, A22.	2.1	29
92	Seed population for about 1 MeV per nucleon heavy ions accelerated by interplanetary shocks. <i>Astrophysical Journal</i> , 1989, 345, 572.	1.6	29
93	SOLAR CYCLE ABUNDANCE VARIATIONS IN COROTATING INTERACTION REGIONS: EVIDENCE FOR A SUPRATHERMAL ION SEED POPULATION. <i>Astrophysical Journal Letters</i> , 2012, 748, L31.	3.0	29
94	Energetic heavy ions observed upstream of the Earth's bow shock by the STEP/EPACT instrument on WIND. <i>Geophysical Research Letters</i> , 1996, 23, 1231-1234.	1.5	28
95	RELATIVE DISTRIBUTIONS OF FLUENCES OF ^3He AND ^4He IN SOLAR ENERGETIC PARTICLES. <i>Astrophysical Journal</i> , 2009, 701, 1-7.	1.6	28
96	Long-lived energetic particle source regions on the Sun. <i>Journal of Physics: Conference Series</i> , 2015, 642, 012002.	0.3	28
97	Cosmic-Ray ^2H from Satellite Measurements, 1965-1969. <i>Astrophysical Journal</i> , 1971, 166, 221.	1.6	28
98	Electromagnetic waves with frequencies near the local proton gyrofrequency: ISEE-3 1 AU observations. <i>Geophysical Research Letters</i> , 1994, 21, 633-636.	1.5	27
99	Late-phase acceleration of energetic ions in corotating interaction regions. <i>Geophysical Research Letters</i> , 1997, 24, 2917-2920.	1.5	27
100	^3He -rich Solar Energetic Particle Observations at the Parker Solar Probe and near Earth. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 42.	3.0	27
101	Wind and ACE observations during the great flow of 14 May 1998: Relation to solar activity and implications for the magnetosphere. <i>Journal of Geophysical Research</i> , 2002, 107, SSH 3-1.	3.3	26
102	Evidence of a Two-Temperature Source Region in the ^3He -Rich Solar Energetic Particle Event of 2000 May 1. <i>Astrophysical Journal</i> , 2007, 671, 947-954.	1.6	26
103	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. <i>Journal of Geophysical Research</i> , 1998, 103, 2115-2129.	3.3	25
104	Energetic particle diffusion coefficients upstream of quasi-parallel interplanetary shocks. <i>Journal of Geophysical Research</i> , 1989, 94, 6552-6562.	3.3	23
105	Origin and Properties of Quiet-time 0.11-1.28 MeV Nucleon ^1H Heavy-ion Population Near 1 au. <i>Astrophysical Journal</i> , 2017, 835, 155.	1.6	23
106	Isotopic Composition of Solar Energetic Particle Events Measured by Advanced Composition Explorer/ULEIS. <i>Astrophysical Journal</i> , 2001, 563, 403-409.	1.6	23
107	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
108	The composition of galactic cosmic rays and solar energetic particles. <i>Reviews of Geophysics</i> , 1987, 25, 685-696.	9.0	22

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109	Energetic particle abundances at CIR shocks. <i>Geophysical Research Letters</i> , 1999, 26, 17-20.	1.5	21
110	Composition and energy spectra of ions accelerated in Corotating Interaction Regions. AIP Conference Proceedings, 2000, , .	0.3	21
111	The Seed Population for Energetic Particles Accelerated by CME-Driven Shocks. <i>Space Science Reviews</i> , 2007, 124, 261-275.	3.7	20
112	Downstream energetic proton and alpha particles during quasi-parallel interplanetary shock events. <i>Journal of Geophysical Research</i> , 1988, 93, 7225-7243.	3.3	19
113	Solar energetic particles inside magnetic clouds observed with the Wind spacecraft. <i>Geophysical Research Letters</i> , 1998, 25, 2521-2524.	1.5	19
114	SOLAR ENERGETIC PARTICLE ³ He-RICH EVENTS FROM THE NEARLY QUIET SUN IN 2007-2008. <i>Astrophysical Journal</i> , 2009, 700, L56-L59.	1.6	19
115	Charge States of Energetic Particles from Corotating Interaction Regions as Constraints on Their Source. <i>Astrophysical Journal</i> , 2002, 566, 555-561.	1.6	19
116	Anomalous cosmic ray argon and other rare elements at 1-4 MeV/nucleon trapped within the Earth's magnetosphere. <i>Journal of Geophysical Research</i> , 2000, 105, 21015-21023.	3.3	18
117	Elemental Fractionation in Small Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2003, 594, 592-604.	1.6	18
118	The spatial distribution of upstream ion events from the Earth's bow shock measured by ACE, Wind, and STEREO. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	18
119	How Efficient are Coronal Mass Ejections at Accelerating Solar Energetic Particles?. AIP Conference Proceedings, 2008, , .	0.3	18
120	Extended ³ He-rich Periods of Solar Energetic Particles in Structured Solar Wind. <i>Astrophysical Journal, Supplement Series</i> , 2008, 176, 497-510.	3.0	18
121	³ He-rich solar energetic particle events observed on the first perihelion pass of Solar Orbiter. <i>Astronomy and Astrophysics</i> , 2021, 656, L1.	2.1	18
122	Suprathermal particles from corotating interaction regions during the first perihelion pass of Solar Orbiter. <i>Astronomy and Astrophysics</i> , 2021, 656, L2.	2.1	18
123	Interstellar Propagation of Galactic Cosmic-Ray Nuclei $2 \leq Z \leq 8$ IN the Energy Range 10-1000 MeV Per Nucleon. <i>Astrophysical Journal</i> , 1972, 171, 139.	1.6	18
124	The Source Material for Large Solar Energetic Particle Events. , 2006, , 115.		17
125	SAMPEX to Reenter Atmosphere: Twenty-Year Mission Will End. <i>Space Weather</i> , 2012, 10, .	1.3	17
126	Modeling transport of energetic particles in corotating interaction regions: A case study. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 77-92.	0.8	17

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127	On acceleration of <math>\sim 1</math> MeV/n He ions in the corotating compression regions near 1 AU: STEREO observations. <i>Annales Geophysicae</i> , 2009, 27, 3677-3690.	0.6	16
128	First near-relativistic solar electron events observed by EPD onboard Solar Orbiter. <i>Astronomy and Astrophysics</i> , 2021, 656, L3.	2.1	16
129	Radial Evolution of a CIR: Observations From a Nearly Radially Aligned Event Between Parker Solar Probe and STEREO. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091376.	1.5	16
130	Evidence for acceleration of ions to ~ 1 MeV by adiabatic-like reflection at the quasi-perpendicular Earth's bow shock. <i>Geophysical Research Letters</i> , 1999, 26, 2925-2928.	1.5	15
131	Temperature in Solar Sources of ^3He -rich Solar Energetic Particles and Relation to Ion Abundances. <i>Astrophysical Journal</i> , 2021, 908, 243.	1.6	15
132	Radial evolution of the April 2020 stealth coronal mass ejection between 0.8 and 1 AU. <i>Astronomy and Astrophysics</i> , 2021, 656, A1.	2.1	15
133	Injection and diffusive transport of suprathermal through energetic solar flare protons (35 keV to 20) Tj ETQq1 1 0.784314 rBT /Over	3.3	14
134	Survey of ionic charge states of solar energetic particle events during the first year of ACE. <i>AIP Conference Proceedings</i> , 2000, . .	0.3	14
135	ASSOCIATION OF ^3He -RICH SOLAR ENERGETIC PARTICLES WITH LARGE-SCALE CORONAL WAVES. <i>Astrophysical Journal</i> , 2016, 833, 63.	1.6	14
136	Energetic Particles Accelerated by Shocks in the Heliosphere: What is the Source Material?. <i>AIP Conference Proceedings</i> , 2005, . .	0.3	13
137	Suprathermal Ion Abundance Variations in Corotating Interaction Regions over Two Solar Cycles. <i>Astrophysical Journal Letters</i> , 2019, 883, L10.	3.0	13
138	Solar energetic particle heavy ion properties in the widespread event of 2020 November 29. <i>Astronomy and Astrophysics</i> , 2021, 656, L12.	2.1	13
139	Focused transport of energetic particles along magnetic field lines draped around a coronal mass ejection. <i>Journal of Geophysical Research</i> , 1992, 97, 1597-1607.	3.3	12
140	Low-altitude equatorial ions: A new look with SAMPEX. <i>Journal of Geophysical Research</i> , 1999, 104, 19911-19922.	3.3	12
141	STEREO/SEPT observations of upstream particle events: almost monoenergetic ion beams. <i>Annales Geophysicae</i> , 2009, 27, 2077-2085.	0.6	12
142	Organization of Energetic Particles by the Solar Wind Structure During the Declining to Minimum Phase of Solar Cycle 23. <i>Solar Physics</i> , 2010, 263, 239-261.	1.0	12
143	OBSERVATIONS OF ENERGETIC PARTICLES BETWEEN A PAIR OF COROTATING INTERACTION REGIONS. <i>Astrophysical Journal</i> , 2014, 781, 17.	1.6	12
144	Predictive Capabilities and Limitations of Stream Interaction Region Observations at Different Solar Longitudes. <i>Space Weather</i> , 2020, 18, e2019SW002437.	1.3	12

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145	The long period of ^3He -rich solar energetic particles measured by Solar Orbiter 2020 November 17–23. <i>Astronomy and Astrophysics</i> , 2021, 656, L11.	2.1	12
146	Heavy Ion Acceleration beyond 10 MeV per Nucleon in Impulsive Solar Flares. <i>Astrophysical Journal</i> , 1995, 448, .	1.6	12
147	Energetic Electrons in ^3He -Enhanced Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2001, 552, 863-870.	1.6	12
148	High-latitude energetic particle boundaries and the polar cap: A statistical study. <i>Journal of Geophysical Research</i> , 1998, 103, 9367-9372.	3.3	11
149	How Common is Energetic ^3He in the Inner Heliosphere?. <i>AIP Conference Proceedings</i> , 2003, , .	0.3	11
150	Finite-Time Shock Acceleration of Energetic Storm Particles. <i>Astrophysical Journal</i> , 2005, 633, L53-L56.	1.6	11
151	STEREO Observations of Energetic Ions in Corotating Interaction Regions During the May 2007 Solar Events. <i>Solar Physics</i> , 2009, 259, 361-380.	1.0	11
152	Observations of a ^3He -rich SEP Event over a Broad Range of Heliographic Longitudes: Results from STEREO and ACE. <i>AIP Conference Proceedings</i> , 2010, , .	0.3	11
153	HELIUM ION ANISOTROPIES IN COROTATING INTERACTION REGIONS AT 1 AU. <i>Astrophysical Journal Letters</i> , 2012, 754, L30.	3.0	11
154	Solar Energetic Electron Events Associated with Hard X-Ray Flares. <i>Astrophysical Journal</i> , 2021, 913, 89.	1.6	11
155	Panâ€Spectrum Fitting Formula for Suprathermal Particles. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028702.	0.8	11
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