

Donald V Reames

List of Publications by Year in descending order

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187
papers

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31902

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96
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191
all docs

191
docs citations

191
times ranked

2688
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle acceleration at the Sun and in the heliosphere. <i>Space Science Reviews</i> , 1999, 90, 413-491.	3.7	1,148
2	The Two Sources of Solar Energetic Particles. <i>Space Science Reviews</i> , 2013, 175, 53-92.	3.7	371
3	Shock Geometry, Seed Populations, and the Origin of Variable Elemental Composition at High Energies in Large Gradual Solar Particle Events. <i>Astrophysical Journal</i> , 2005, 625, 474-495.	1.6	356
4	STEREO IMPACT Investigation Goals, Measurements, and Data Products Overview. <i>Space Science Reviews</i> , 2008, 136, 117-184.	3.7	257
5	Associations between coronal mass ejections and solar energetic proton events. <i>Journal of Geophysical Research</i> , 1984, 89, 9683-9693.	3.3	247
6	Energetic-particle abundances in impulsive solar flare events. <i>Astrophysical Journal, Supplement Series</i> , 1994, 90, 649.	3.0	233
7	Interacting Coronal Mass Ejections and Solar Energetic Particles. <i>Astrophysical Journal</i> , 2002, 572, L103-L107.	1.6	221
8	Coronal abundances determined from energetic particles. <i>Advances in Space Research</i> , 1995, 15, 41-51.	1.2	211
9	The Spatial Distribution of Particles Accelerated by Coronal Mass Ejection-driven Shocks. <i>Astrophysical Journal</i> , 1996, 466, 473.	1.6	208
10	Solar energetic particles: A paradigm shift. <i>Reviews of Geophysics</i> , 1995, 33, 585.	9.0	188
11	Coronal Shocks and Solar Energetic Proton Events. <i>Astrophysical Journal</i> , 2004, 605, 902-910.	1.6	184
12	Modeling Shock-accelerated Solar Energetic Particles Coupled to Interplanetary Alfvén Waves. <i>Astrophysical Journal</i> , 2003, 591, 461-485.	1.6	165
13	COMPOSITION OF THE SOLAR CORONA, SOLAR WIND, AND SOLAR ENERGETIC PARTICLES. <i>Astrophysical Journal</i> , 2012, 755, 33.	1.6	162
14	THE LONGITUDINAL PROPERTIES OF A SOLAR ENERGETIC PARTICLE EVENT INVESTIGATED USING MODERN SOLAR IMAGING. <i>Astrophysical Journal</i> , 2012, 752, 44.	1.6	156
15	Coronal Mass Ejections Associated with Impulsive Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2001, 562, 558-565.	1.6	151
16	Solar He-3-rich events and nonrelativistic electron events - A new association. <i>Astrophysical Journal</i> , 1985, 292, 716.	1.6	151
17	Solar abundances from gamma-ray spectroscopy - Comparisons with energetic particle, photospheric, and coronal abundances. <i>Astrophysical Journal</i> , 1991, 371, 793.	1.6	146
18	The heavy-ion compositional signature in He-3-rich solar particle events. <i>Astrophysical Journal</i> , 1986, 303, 849.	1.6	142

#	ARTICLE	IF	CITATIONS
19	Spatial and Temporal Invariance in the Spectra of Energetic Particles in Gradual Solar Events. <i>Astrophysical Journal</i> , 1997, 491, 414-420.	1.6	140
20	SOLAR RELEASE TIMES OF ENERGETIC PARTICLES IN GROUND-LEVEL EVENTS. <i>Astrophysical Journal</i> , 2009, 693, 812-821.	1.6	140
21	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
22	SOLAR ENERGETIC-PARTICLE RELEASE TIMES IN HISTORIC GROUND-LEVEL EVENTS. <i>Astrophysical Journal</i> , 2009, 706, 844-850.	1.6	129
23	Energetic particles from impulsive solar flares. <i>Astrophysical Journal, Supplement Series</i> , 1990, 73, 235.	3.0	129
24	Magnetic Topology of Impulsive and Gradual Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2002, 571, L63-L66.	1.6	123
25	Solar Sources of Impulsive Solar Energetic Particle Events and Their Magnetic Field Connection to the Earth. <i>Astrophysical Journal</i> , 2006, 650, 438-450.	1.6	116
26	Effect of proton-amplified waves on the evolution of solar energetic particle composition in gradual events. <i>Geophysical Research Letters</i> , 1999, 26, 2145-2148.	1.5	115
27	Streaming-limited Intensities of Solar Energetic Particles. <i>Astrophysical Journal</i> , 1998, 504, 1002-1005.	1.6	108
28	Heavy-Element Abundances in Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2004, 610, 510-522.	1.6	104
29	Acceleration of energetic particles by shock waves from large solar flares. <i>Astrophysical Journal</i> , 1990, 358, L63.	1.6	103
30	Focused interplanetary transport of approximately 1 MeV solar energetic protons through self-generated Alfvén waves. <i>Astrophysical Journal</i> , 1994, 424, 1032.	1.6	101
31	The High Energy Telescope for STEREO. <i>Space Science Reviews</i> , 2008, 136, 391-435.	3.7	96
32	Energy Spectra of Ions Accelerated in Impulsive and Gradual Solar Events. <i>Astrophysical Journal</i> , 1997, 483, 515-522.	1.6	93
33	Shock Acceleration of Solar Energetic Protons: The First 10 Minutes. <i>Astrophysical Journal</i> , 2008, 686, L123-L126.	1.6	91
34	Abundances of Trans-Iron Elements in Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2000, 540, L111-L114.	1.6	86
35	Evidence for Remnant Flare Suprathermals in the Source Population of Solar Energetic Particles in the 2000 Bastille Day Event. <i>Astrophysical Journal</i> , 2001, 558, L59-L63.	1.6	82
36	The identification of solar He-3-rich events and the study of particle acceleration at the sun. <i>Astrophysical Journal</i> , 1986, 308, 902.	1.6	81

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37	Observations of systematic temporal evolution in elemental composition during gradual solar energetic particle events. <i>Geophysical Research Letters</i> , 1999, 26, 2141-2144.	1.5	77
38	New Spectral and Abundance Features of Interplanetary Heavy Ions in Corotating Interaction Regions. <i>Astrophysical Journal</i> , 1997, 486, L149-L152.	1.6	76
39	Energetic particle abundances in solar electron events. <i>Astrophysical Journal</i> , 1990, 357, 259.	1.6	74
40	The Bastille day Magnetic Clouds and Upstream Shocks: Near-Earth Interplanetary Observations. <i>Solar Physics</i> , 2001, 204, 285-303.	1.0	71
41	Element Abundances in Solar Energetic Particles and the Solar Corona. <i>Solar Physics</i> , 2014, 289, 977-993.	1.0	71
42	Solar flare nuclear gamma-rays and interplanetary proton events. <i>Astrophysical Journal</i> , 1989, 343, 953.	1.6	71
43	What Are the Sources of Solar Energetic Particles? Element Abundances and Source Plasma Temperatures. <i>Space Science Reviews</i> , 2015, 194, 303-327.	3.7	70
44	Unusual time histories of galactic and anomalous cosmic rays at 1 AU over the deep solar minimum of cycle 23/24. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	64
45	Abundance Enhancements in Impulsive Solar Energetic-Particle Events with Associated Coronal Mass Ejections. <i>Solar Physics</i> , 2014, 289, 3817-3841.	1.0	64
46	Non-thermal particles in the interplanetary medium. <i>Advances in Space Research</i> , 1993, 13, 331-339.	1.2	63
47	Solar Energetic Particles: Sampling Coronal Abundances. <i>Space Science Reviews</i> , 1998, 85, 327-340.	3.7	60
48	Solar Energetic Particle Production by Coronal Mass Ejection-driven Shocks in Solar Fast-Wind Regions. <i>Astrophysical Journal</i> , 2003, 584, 1063-1070.	1.6	60
49	STREAMING-LIMITED INTENSITIES OF SOLAR ENERGETIC PARTICLES ON THE INTENSITY PLATEAU. <i>Astrophysical Journal</i> , 2010, 723, 1286-1293.	1.6	59
50	Solar Energetic Particles. <i>Lecture Notes in Physics</i> , 2017, , .	0.3	59
51	Bimodal abundances in the energetic particles of solar and interplanetary origin. <i>Astrophysical Journal</i> , 1988, 330, L71.	1.6	57
52	On the differences in element abundances of energetic ions from corotating events and from large solar events. <i>Astrophysical Journal</i> , 1991, 382, L43.	1.6	57
53	Solar particle abundances at energies of greater than 1 MeV per nucleon and the role of interplanetary shocks. <i>Astrophysical Journal</i> , 1991, 373, 675.	1.6	54
54	Abundances, Ionization States, Temperatures, and FIP in Solar Energetic Particles. <i>Space Science Reviews</i> , 2018, 214, 1.	3.7	51

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55	X-ray and radio properties of solar (He-3) rich events. <i>Astrophysical Journal</i> , 1988, 327, 998.	1.6	51
56	Angular Distributions of Solar Energetic Particles. <i>Astrophysical Journal</i> , 2001, 550, 1064-1074.	1.6	50
57	Solar energetic particles: Is there time to hide?. <i>Radiation Measurements</i> , 1999, 30, 297-308.	0.7	46
58	Soft X-ray emissions, meter-wavelength radio bursts, and particle acceleration in solar flares. <i>Astrophysical Journal</i> , 1988, 325, 895.	1.6	46
59	Solar energetic particle variations. <i>Advances in Space Research</i> , 2004, 34, 381-390.	1.2	45
60	Solar Energetic Particles. <i>Lecture Notes in Physics</i> , 2021, , .	0.3	44
61	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
62	Initial Time Dependence of Abundances in Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2000, 531, L83-L86.	1.6	43
63	Variations in Abundance Enhancements in Impulsive Solar Energetic-Particle Events and Related CMEs and Flares. <i>Solar Physics</i> , 2014, 289, 4675-4689.	1.0	43
64	Temperature of the Source Plasma in Gradual Solar Energetic Particle Events. <i>Solar Physics</i> , 2016, 291, 911-930.	1.0	43
65	Solar particle event storm shelter requirements for missions beyond low Earth orbit. <i>Life Sciences in Space Research</i> , 2018, 17, 32-39.	1.2	42
66	Four Distinct Pathways to the Element Abundances in Solar Energetic Particles. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	42
67	OBSERVATIONAL EVIDENCE ON THE PRESENCE OF AN OUTER REFLECTING BOUNDARY IN SOLAR ENERGETIC PARTICLE EVENTS. <i>Astrophysical Journal</i> , 2009, 701, 1753-1764.	1.6	41
68	Energy-dependent ionization states of shock-accelerated particles in the solar corona. <i>Geophysical Research Letters</i> , 1999, 26, 3585-3588.	1.5	40
69	A Comparative Study of Ion Characteristics in the Large Gradual Solar Energetic Particle Events of 2002 April 21 and 2002 August 24. <i>Astrophysical Journal, Supplement Series</i> , 2006, 164, 536-551.	3.0	40
70	Theoretical modeling for the stereo mission. <i>Space Science Reviews</i> , 2008, 136, 565-604.	3.7	40
71	Bidirectional about 1 MeV/amu ion intervals in 1973-1991 observed by the Goddard Space Flight Center instruments on IMP 8 and ISEE 3/ICE. <i>Astrophysical Journal, Supplement Series</i> , 1993, 85, 411.	3.0	39
72	Quietâ€Time Spectra and Abundances of Energetic Particles During the 1996 Solar Minimum. <i>Astrophysical Journal</i> , 1999, 518, 473-479.	1.6	37

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73	Cosmic-Ray Propagation. <i>Physical Review</i> , 1968, 175, 1564-1576.	2.7	36
74	Halo-coronal mass ejections near the 23rd solar minimum: lift-off, inner heliosphere, and in situ (1 AU) signatures. <i>Annales Geophysicae</i> , 2002, 20, 891-916.	0.6	36
75	The "FIP Effect" and the Origins of Solar Energetic Particles and of the Solar Wind. <i>Solar Physics</i> , 2018, 293, 1.	1.0	36
76	Nuclear Composition and Energy Spectra in the 1969 April 12 Solar-Particle Event. <i>Astrophysical Journal</i> , 1972, 171, 169.	1.6	34
77	Quiet-time properties of low-energy (less than 10 MeV per nucleon) interplanetary ions during solar maximum and solar minimum. <i>Astrophysical Journal</i> , 1990, 363, L9.	1.6	34
78	PARTICLE ENERGY SPECTRA AT TRAVELING INTERPLANETARY SHOCK WAVES. <i>Astrophysical Journal</i> , 2012, 757, 93.	1.6	33
79	Pitch Angle Diffusion Coefficient in an Extended Quasi-linear Theory. <i>Astrophysical Journal</i> , 1995, 453, 890.	1.6	33
80	Relative Abundance of Iron-Group Nuclei in Solar Cosmic Rays. <i>Astrophysical Journal</i> , 1969, 157, L53.	1.6	33
81	Solar neutron decay proton observations in cycle 21. <i>Astrophysical Journal, Supplement Series</i> , 1990, 73, 273.	3.0	33
82	The Solar Energetic Particle Event of 14 December 2006. <i>Solar Physics</i> , 2009, 256, 443-462.	1.0	32
83	Temporal evolution in the spectra of gradual solar energetic particle events. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	30
84	A comparison of solar helium-3-rich events with type II bursts and coronal mass ejections. <i>Astrophysical Journal</i> , 1985, 290, 742.	1.6	30
85	Evidence for multiple ejecta: April 7-11, 1997, ISTP Sun-Earth connection event. <i>Geophysical Research Letters</i> , 1998, 25, 2473-2476.	1.5	29
86	A COMPARISON OF ELEMENTAL ABUNDANCE RATIOS IN SEP EVENTS IN FAST AND SLOW SOLAR WIND REGIONS. <i>Astrophysical Journal</i> , 2009, 701, 561-570.	1.6	29
87	WHAT CAUSES SCATTER-FREE TRANSPORT OF NON-RELATIVISTIC SOLAR ELECTRONS?. <i>Astrophysical Journal</i> , 2011, 728, 133.	1.6	29
88	Solar energetic particles: Shock acceleration and transport through self-amplified waves. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	28
89	Temperature of the Source Plasma for Impulsive Solar Energetic Particles. <i>Solar Physics</i> , 2015, 290, 1761-1774.	1.0	28
90	Late-phase acceleration of energetic ions in corotating interaction regions. <i>Geophysical Research Letters</i> , 1997, 24, 2917-2920.	1.5	27

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91	Heavy Ion Abundances and Spectra and the Large Gradual Solar Energetic Particle Event of 2000 July 14. <i>Astrophysical Journal</i> , 2001, 548, L233-L236.	1.6	27
92	Spatial Distribution of Solar Energetic Particles in the Inner Heliosphere. <i>Solar Physics</i> , 2013, 285, 233-250.	1.0	27
93	The Helium Valley: Comparison of Impulsive Solar Flare Ion Abundances and Gyroresonant Acceleration with Oblique Turbulence in a Hot Multi-ion Plasma. <i>Astrophysical Journal</i> , 1997, 476, 403-427.	1.6	25
94	Energy spectra of ions from impulsive solar flares. <i>Astrophysical Journal</i> , 1992, 387, 715.	1.6	25
95	USE OF INCIDENT AND REFLECTED SOLAR PARTICLE BEAMS TO TRACE THE TOPOLOGY OF MAGNETIC CLOUDS. <i>Astrophysical Journal</i> , 2012, 750, 146.	1.6	25
96	Heavy ion acceleration by cascading Alfvén waves in impulsive solar flares. <i>AIP Conference Proceedings</i> , 1996, , .	0.3	24
97	The Abundance of Helium in the Source Plasma of Solar Energetic Particles. <i>Solar Physics</i> , 2017, 292, 1.	1.0	24
98	IMPACT: Science goals and firsts with STEREO. <i>Advances in Space Research</i> , 2005, 36, 1534-1543.	1.2	23
99	Statistical Discrete-Source Model of Local Cosmic Rays. <i>Physical Review Letters</i> , 1970, 24, 913-916.	2.9	22
100	Coronal element abundances derived from solar energetic particles. <i>Advances in Space Research</i> , 1994, 14, 177-180.	1.2	22
101	Multispacecraft observations of solar (He-3)-rich events. <i>Astrophysical Journal</i> , 1991, 380, 287.	1.6	22
102	Comparison of CMEs, magnetic clouds, and bidirectionally streaming proton events in the heliosphere using helios data. <i>Advances in Space Research</i> , 1993, 13, 71-74.	1.2	21
103	Characteristics of solar coronal source regions producing ³ He-rich particle events. <i>Solar Physics</i> , 1987, 107, 385-394.	1.0	20
104	The dark side of the solar flare myth. <i>Eos</i> , 1995, 76, 405-405.	0.1	20
105	COMPARISON BETWEEN PATH LENGTHS TRAVELED BY SOLAR ELECTRONS AND IONS IN GROUND-LEVEL ENHANCEMENT EVENTS. <i>Astrophysical Journal</i> , 2013, 768, 68.	1.6	20
106	Energetic Particles and the Structure of Coronal Mass Ejections. <i>Geophysical Monograph Series</i> , 0, , 217-226.	0.1	20
107	Some statistics of solar radio bursts of spectral types II and IV. <i>Astrophysical Journal</i> , 1988, 325, 901.	1.6	20
108	Energetic particles from solar flares and coronal mass ejections. <i>AIP Conference Proceedings</i> , 1996, , .	0.3	19

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109	Hydrogen and the Abundances of Elements in Impulsive Solar Energetic-Particle Events. <i>Solar Physics</i> , 2019, 294, 1.	1.0	19
110	The Origin of Element Abundance Variations in Solar Energetic Particles. <i>Solar Physics</i> , 2016, 291, 2099-2115.	1.0	17
111	Hydrogen and the Abundances of Elements in Gradual Solar Energetic-Particle Events. <i>Solar Physics</i> , 2019, 294, 1.	1.0	17
112	Solar Energetic Particles: Sampling Coronal Abundances. <i>Space Sciences Series of ISSI</i> , 1998, , 327-340.	0.0	17
113	Measurements of the Iron-Group Abundance in Energetic Solar Particles. <i>Astrophysical Journal</i> , 1973, 180, 583.	1.6	17
114	Wave generation in the transport of particles from large solar flares. <i>Astrophysical Journal</i> , 1989, 342, L51.	1.6	17
115	Solar cosmic ray composition above 10 MeV/nucleon and its energy dependence in the 4 August 1972 event. <i>Solar Physics</i> , 1974, 39, 479-491.	1.0	16
116	Helium Suppression in Impulsive Solar Energetic-Particle Events. <i>Solar Physics</i> , 2019, 294, 1.	1.0	16
117	The First Observation of Sulfur in Anomalous Cosmic Rays by the [ITAL]Geotail[/ITAL] and the [ITAL]Wind[/ITAL] Spacecrafts. <i>Astrophysical Journal</i> , 1997, 477, L111-L113.	1.6	16
118	Angular Distributions of F[CLC]e[/CLC]/O from [ITAL]Wind[/ITAL]: New Insight into Solar Energetic Particle Transport. <i>Astrophysical Journal</i> , 2002, 577, L59-L62.	1.6	15
119	ANOMALOUS COSMIC RAYS AS PROBES OF MAGNETIC CLOUDS. <i>Astrophysical Journal</i> , 2009, 700, L196-L199.	1.6	15
120	The relationship between energetic particles and flare properties for impulsive solar flares. <i>Astrophysical Journal, Supplement Series</i> , 1990, 73, 253.	3.0	15
121	Sixty Years of Element Abundance Measurements in Solar Energetic Particles. <i>Space Science Reviews</i> , 2021, 217, 1.	3.7	14
122	WIND/EPACT observations of anomalous cosmic rays. <i>Advances in Space Research</i> , 1997, 19, 809-812.	1.2	13
123	Particle acceleration by CME-driven shock waves. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	13
124	Distinguishing the Rigidity Dependences of Acceleration and Transport in Solar Energetic Particles. <i>Solar Physics</i> , 2020, 295, 1.	1.0	13
125	Solar neon abundances from gamma-ray spectroscopy and He-3-rich particle events. <i>Astrophysical Journal</i> , 1988, 332, L87.	1.6	13
126	Source Spectra and Composition of Cosmic Rays Implied by an Analysis of Interstellar and Interplanetary Travel. <i>Physical Review</i> , 1966, 149, 995-1007.	2.7	12

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127	Low-Energy Cosmic-Ray Composition and Energy Spectra Measured in June 1965. <i>Physical Review</i> , 1967, 162, 1291-1295.	2.7	12
128	A comparison of measurements of the charge spectrum of solar cosmic rays from nuclear emulsions and the Explorer 35 solid-state detector. <i>Journal of Geophysical Research</i> , 1972, 77, 3607-3612.	3.3	12
129	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
130	Ion Anisotropy and High-Energy Variability of Large Solar Particle Events: A Comparative Study. <i>Astrophysical Journal</i> , 2008, 678, 1471-1479.	1.6	12
131	Particle Emission in Heavy-Ion Reactions. <i>Physical Review</i> , 1965, 137, B332-B345.	2.7	11
132	Variations of the relative abundances of He, (C, N, O) and Fe-group nuclei in solar cosmic rays and their relationship to solar particle acceleration. <i>Solar Physics</i> , 1973, 31, 247.	1.0	11
133	Solar-Heliospheric-Magnetospheric Observations on March 23-April 26, 2001: Similarities to Observations in April 1979. <i>AIP Conference Proceedings</i> , 2003, , .	0.3	11
134	A MULTI-SPACECRAFT VIEW OF SOLAR-ENERGETIC-PARTICLE ONSETS IN THE 1977 NOVEMBER 22 EVENT. <i>Astrophysical Journal</i> , 2010, 723, 550-554.	1.6	11
135	Remote Sensing of Magnetic-Cloud Topology. <i>Solar Physics</i> , 2010, 265, 187-195.	1.0	11
136	Seps: Space Weather Hazard in Interplanetary Space. <i>Geophysical Monograph Series</i> , 2013, , 101-107.	0.1	11
137	Fifty Years of 3He-Rich Events. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	11
138	On the Phase of the 27 Day Modulation of Anomalous and Galactic Cosmic Rays at 1 AU during Solar Minimum. <i>Astrophysical Journal</i> , 2001, 563, L179-L182.	1.6	11
139	Bulk Flow Velocity and First-Order Anisotropy of Solar Energetic Particles Observed on the WindSpacecraft: Overview of Three Gradual-Particle Events. <i>Astrophysical Journal</i> , 2007, 661, 1297-1310.	1.6	10
140	Corotating Shock Waves and the Solar-wind Source of Energetic Ion Abundances: Power Laws in A $\frac{A}{Q}$. <i>Solar Physics</i> , 2018, 293, 1.	1.0	10
141	On the Correlation between Energy Spectra and Element Abundances in Solar Energetic Particles. <i>Solar Physics</i> , 2021, 296, 1.	1.0	10
142	Energetic Particle Abundances as Probes of an Interplanetary Shock Wave. <i>Astrophysical Journal</i> , 2002, 575, L37-L39.	1.6	10
143	[ITAL]Wind/[ITAL] Observations of Anomalous Cosmic Rays from Solar Minimum to Maximum. <i>Astrophysical Journal</i> , 2003, 586, L99-L101.	1.6	10
144	Spatial Distribution of Element Abundances and Ionization States in Solar Energetic-Particle Events. <i>Solar Physics</i> , 2017, 292, 1.	1.0	9

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145	Excess H, Suppressed He, and the Abundances of Elements in Solar Energetic Particles. Solar Physics, 2019, 294, 1.	1.0	9
146	^{53}Mn and the Age of Galactic Cosmic Rays. Astrophysical Journal, 1970, 162, 837.	1.6	9
147	Solar energetic particles and space weather. AIP Conference Proceedings, 2001, , .	0.3	8
148	Effect of CME Interactions on the Production of Solar Energetic Particles. AIP Conference Proceedings, 2003, , .	0.3	8
149	CORRELATION OF ELECTRON PATH LENGTHS OBSERVED IN THE HIGHLY WOUND OUTER REGION OF MAGNETIC CLOUDS WITH THE SLAB FRACTION OF MAGNETIC TURBULENCE IN THE DISSIPATION RANGE. Astrophysical Journal, 2014, 786, 122.	1.6	8
150	DROPOUT OF DIRECTIONAL ELECTRON INTENSITIES IN LARGE SOLAR ENERGETIC PARTICLE EVENTS. Astrophysical Journal, 2016, 816, 93.	1.6	8
151	Trapping and escape of the high energy particles responsible for major proton events. , 1992, , 180-185.		8
152	Temperature dependence of the abundances of elements in solar He-3 rich events. Astrophysical Journal, 1988, 325, L53.	1.6	8
153	Observation on the Elemental Abundances of Low-Energy Cosmic Rays in July 1964. Physical Review, 1966, 149, 991-995.	2.7	7
154	Particle acceleration in solar flares: Observations. AIP Conference Proceedings, 1992, , .	0.3	7
155	Element Abundances of Solar Energetic Particles and the Photosphere, the Corona, and the Solar Wind. Atoms, 2019, 7, 104.	0.7	7
156	Exploring the global shock scenario at multiple points between sun and earth: The solar transients launched on January 1 and September 23, 1978. Advances in Space Research, 2009, 43, 113-119.	1.2	6
157	Energy Spectra vs. Element Abundances in Solar Energetic Particles and the Roles of Magnetic Reconnection and Shock Acceleration. Solar Physics, 2022, 297, 1.	1.0	6
158	The composition of galactic cosmic rays. Canadian Journal of Physics, 1968, 46, S544-S547.	0.4	5
159	Element Abundances and Source Plasma Temperatures of Solar Energetic Particles. Journal of Physics: Conference Series, 2016, 767, 012023.	0.3	5
160	Charge and Energy Spectrum of Heavy Nuclei during the Solar Minimum, 1965. Physical Review, 1967, 162, 1296-1298.	2.7	4
161	Composition of the September 2, 1966 solar particle event. Canadian Journal of Physics, 1968, 46, S749-S752.	0.4	4
162	Chemical Composition of Relativistic Cosmic Rays Detected above the Atmosphere. Physical Review D, 1970, 1, 1021-1028.	1.6	4

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163	Energetic particle composition. AIP Conference Proceedings, 2001, , .	0.3	4
164	High-energy galactic cosmic-ray composition measured in Gemini XI. Canadian Journal of Physics, 1968, 46, S569-S571.	0.4	3
165	A Perspective on Solar Energetic Particles. Frontiers in Astronomy and Space Sciences, 2022, 9, .	1.1	3
166	Enhancement of solar heavy nuclei at high energies in the 4 July 1974 event. Solar Physics, 1977, 55, 491-497.	1.0	2
167	Computer Analysis of Tracks in Nuclear Emulsion Utilizing Digitized Video Scan. IEEE Transactions on Nuclear Science, 1969, 16, 127-131.	1.2	1
168	The Evolution of Research on Abundances of Solar Energetic Particles. Universe, 2021, 7, 292.	0.9	1
169	POsitrion Electron Magnet Spectrometer (POEMS) for the Eos Mission. AIP Conference Proceedings, 1990, , .	0.3	0
170	The observational consequences of proton-generated waves at shocks. AIP Conference Proceedings, 2000, , .	0.3	0
171	Distinguishing the Sources. Lecture Notes in Physics, 2017, , 39-54.	0.3	0
172	Impulsive SEP Events. Lecture Notes in Physics, 2017, , 55-72.	0.3	0
173	Gradual SEP Events. Lecture Notes in Physics, 2017, , 73-101.	0.3	0
174	High Energies and Radiation Effects. Lecture Notes in Physics, 2017, , 103-111.	0.3	0
175	Gradual SEP Events. Lecture Notes in Physics, 2021, , 97-133.	0.3	0
176	Impulsive SEP Events (and Flares). Lecture Notes in Physics, 2021, , 71-95.	0.3	0
177	Introducing the Sun and SEPs. Lecture Notes in Physics, 2021, , 1-18.	0.3	0
178	Distinguishing the Sources. Lecture Notes in Physics, 2021, , 49-69.	0.3	0
179	Measurements of SEPs. Lecture Notes in Physics, 2021, , 151-165.	0.3	0
180	Element Abundances and FIP: SEPs, Corona, and Solar Wind. Lecture Notes in Physics, 2021, , 167-185.	0.3	0

#	ARTICLE	IF	CITATIONS
181	A Turbulent History. Lecture Notes in Physics, 2021, , 19-48.	0.3	0
182	High Energies and Radiation Effects. Lecture Notes in Physics, 2021, , 135-149.	0.3	0
183	Hydrogen Abundances and Shock Waves. Lecture Notes in Physics, 2021, , 187-219.	0.3	0
184	Examples of fast solar wind transients, their sources and the forecast of possible geomagnetic impact. Geofisica International, 2000, 39, 5-11.	0.2	0
185	Solar Neutron Decay Proton Observations in Cycle 21. Astrophysical Journal, Supplement Series, 1990, 73, 272.	3.0	0
186	Coronal Sources of Impulsive Fe-Rich Solar Energetic Particle Events. , 2016, , .		0
187	Element Abundances And The Source Of Solar Energetic Particles. , 2018, , .		0