

Donald V Reames

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9592404/donald-v-reames-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

181
papers

8,626
citations

50
h-index

88
g-index

191
ext. papers

9,264
ext. citations

4
avg, IF

6.77
L-index

#	Paper	IF	Citations
181	Particle acceleration at the Sun and in the heliosphere. <i>Space Science Reviews</i> , 1999 , 90, 413-491	7.5	976
180	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	4.7	312
179	The Two Sources of Solar Energetic Particles. <i>Space Science Reviews</i> , 2013 , 175, 53-92	7.5	284
178	STEREO IMPACT Investigation Goals, Measurements, and Data Products Overview. <i>Space Science Reviews</i> , 2008 , 136, 117-184	7.5	226
177	Energetic-particle abundances in impulsive solar flare events. <i>Astrophysical Journal, Supplement Series</i> , 1994 , 90, 649	8	212
176	Associations between coronal mass ejections and solar energetic proton events. <i>Journal of Geophysical Research</i> , 1984 , 89, 9683		209
175	Interacting Coronal Mass Ejections and Solar Energetic Particles. <i>Astrophysical Journal</i> , 2002 , 572, L103-L107	4.7	197
174	Coronal abundances determined from energetic particles. <i>Advances in Space Research</i> , 1995 , 15, 41-51	2.4	192
173	The Spatial Distribution of Particles Accelerated by Coronal Mass Ejection--driven Shocks. <i>Astrophysical Journal</i> , 1996 , 466, 473	4.7	178
172	Coronal Shocks and Solar Energetic Proton Events. <i>Astrophysical Journal</i> , 2004 , 605, 902-910	4.7	157
171	Solar energetic particles: A paradigm shift. <i>Reviews of Geophysics</i> , 1995 , 33, 585	23.1	155
170	Modeling Shock-accelerated Solar Energetic Particles Coupled to Interplanetary Alfvén Waves. <i>Astrophysical Journal</i> , 2003 , 591, 461-485	4.7	147
169	COMPOSITION OF THE SOLAR CORONA, SOLAR WIND, AND SOLAR ENERGETIC PARTICLES. <i>Astrophysical Journal</i> , 2012 , 755, 33	4.7	137
168	THE LONGITUDINAL PROPERTIES OF A SOLAR ENERGETIC PARTICLE EVENT INVESTIGATED USING MODERN SOLAR IMAGING. <i>Astrophysical Journal</i> , 2012 , 752, 44	4.7	136
167	Coronal Mass Ejections Associated with Impulsive Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2001 , 562, 558-565	4.7	134
166	Solar He-3-rich events and nonrelativistic electron events - A new association. <i>Astrophysical Journal</i> , 1985 , 292, 716	4.7	131
165	Solar abundances from gamma-ray spectroscopy - Comparisons with energetic particle, photospheric, and coronal abundances. <i>Astrophysical Journal</i> , 1991 , 371, 793	4.7	129

164	Spatial and Temporal Invariance in the Spectra of Energetic Particles in Gradual Solar Events. <i>Astrophysical Journal</i> , 1997 , 491, 414-420	4-7	120
163	The heavy-ion compositional signature in He-3-rich solar particle events. <i>Astrophysical Journal</i> , 1986 , 303, 849	4-7	120
162	Energetic particles from impulsive solar flares. <i>Astrophysical Journal, Supplement Series</i> , 1990 , 73, 235	8	120
161	SOLAR RELEASE TIMES OF ENERGETIC PARTICLES IN GROUND-LEVEL EVENTS. <i>Astrophysical Journal</i> , 2009 , 693, 812-821	4-7	118
160	The Energetic Particles: Acceleration, Composition, and Transport (EPACT) investigation on the WIND spacecraft. <i>Space Science Reviews</i> , 1995 , 71, 155-206	7-5	111
159	Magnetic Topology of Impulsive and Gradual Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2002 , 571, L63-L66	4-7	109
158	SOLAR ENERGETIC-PARTICLE RELEASE TIMES IN HISTORIC GROUND-LEVEL EVENTS. <i>Astrophysical Journal</i> , 2009 , 706, 844-850	4-7	106
157	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	4-9	101
156	Heavy-Element Abundances in Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2004 , 610, 510-522	4-7	93
155	Solar Sources of Impulsive Solar Energetic Particle Events and Their Magnetic Field Connection to the Earth. <i>Astrophysical Journal</i> , 2006 , 650, 438-450	4-7	93
154	Focused interplanetary transport of approximately 1 MeV solar energetic protons through self-generated Alfvén waves. <i>Astrophysical Journal</i> , 1994 , 424, 1032	4-7	85
153	Acceleration of energetic particles by shock waves from large solar flares. <i>Astrophysical Journal</i> , 1990 , 358, L63	4-7	85
152	Energy Spectra of Ions Accelerated in Impulsive and Gradual Solar Events. <i>Astrophysical Journal</i> , 1997 , 483, 515-522	4-7	85
151	Streaming-limited Intensities of Solar Energetic Particles. <i>Astrophysical Journal</i> , 1998 , 504, 1002-1005	4-7	85
150	Shock Acceleration of Solar Energetic Protons: The First 10 Minutes. <i>Astrophysical Journal</i> , 2008 , 686, L123-L126	4-7	80
149	Abundances of Trans-Iron Elements in Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2000 , 540, L111-L114	4-7	77
148	The High Energy Telescope for STEREO. <i>Space Science Reviews</i> , 2008 , 136, 391-435	7-5	75
147	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	4-7	74

146	Observations of systematic temporal evolution in elemental composition during gradual solar energetic particle events. <i>Geophysical Research Letters</i> , 1999 , 26, 2141-2144	4.9	73
145	The identification of solar He-3-rich events and the study of particle acceleration at the sun. <i>Astrophysical Journal</i> , 1986 , 308, 902	4.7	68
144	New Spectral and Abundance Features of Interplanetary Heavy Ions in Corotating Interaction Regions. <i>Astrophysical Journal</i> , 1997 , 486, L149-L152	4.7	66
143	The Bastille day Magnetic Clouds and Upstream Shocks: Near-Earth Interplanetary Observations. <i>Solar Physics</i> , 2001 , 204, 285-303	2.6	66
142	Energetic particle abundances in solar electron events. <i>Astrophysical Journal</i> , 1990 , 357, 259	4.7	65
141	Element Abundances in Solar Energetic Particles and the Solar Corona. <i>Solar Physics</i> , 2014 , 289, 977-993	2.6	62
140	What Are the Sources of Solar Energetic Particles? Element Abundances and Source Plasma Temperatures. <i>Space Science Reviews</i> , 2015 , 194, 303-327	7.5	60
139	Non-thermal particles in the interplanetary medium. <i>Advances in Space Research</i> , 1993 , 13, 331-339	2.4	56
138	Solar flare nuclear gamma-rays and interplanetary proton events. <i>Astrophysical Journal</i> , 1989 , 343, 953	4.7	56
137	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, n/a-n/a	4.9	55
136	Solar Energetic Particles: Sampling Coronal Abundances. <i>Space Science Reviews</i> , 1998 , 85, 327-340	7.5	54
135	Solar Energetic Particle Production by Coronal Mass Ejection-Driven Shocks in Solar Fast-Wind Regions. <i>Astrophysical Journal</i> , 2003 , 584, 1063-1070	4.7	54
134	Solar Energetic Particles. <i>Lecture Notes in Physics</i> , 2017 ,	0.8	51
133	Abundance Enhancements in Impulsive Solar Energetic-Particle Events with Associated Coronal Mass Ejections. <i>Solar Physics</i> , 2014 , 289, 3817-3841	2.6	51
132	STREAMING-LIMITED INTENSITIES OF SOLAR ENERGETIC PARTICLES ON THE INTENSITY PLATEAU. <i>Astrophysical Journal</i> , 2010 , 723, 1286-1293	4.7	50
131	On the differences in element abundances of energetic ions from corotating events and from large solar events. <i>Astrophysical Journal</i> , 1991 , 382, L43	4.7	50
130	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	4.7	48
129	Bimodal abundances in the energetic particles of solar and interplanetary origin. <i>Astrophysical Journal</i> , 1988 , 330, L71	4.7	48

128	Angular Distributions of Solar Energetic Particles. <i>Astrophysical Journal</i> , 2001 , 550, 1064-1074	4.7	46
127	X-ray and radio properties of solar (He-3) rich events. <i>Astrophysical Journal</i> , 1988 , 327, 998	4.7	43
126	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	8	40
125	Solar energetic particles: is there time to hide?. <i>Radiation Measurements</i> , 1999 , 30, 297-308	1.5	39
124	OBSERVATIONAL EVIDENCE ON THE PRESENCE OF AN OUTER REFLECTING BOUNDARY IN SOLAR ENERGETIC PARTICLE EVENTS. <i>Astrophysical Journal</i> , 2009 , 701, 1753-1764	4.7	38
123	Initial Time Dependence of Abundances in Solar Energetic Particle Events. <i>Astrophysical Journal</i> , 2000 , 531, L83-L86	4.7	38
122	Soft X-ray emissions, meter-wavelength radio bursts, and particle acceleration in solar flares. <i>Astrophysical Journal</i> , 1988 , 325, 895	4.7	38
121	Energy-dependent ionization states of shock-accelerated particles in the solar corona. <i>Geophysical Research Letters</i> , 1999 , 26, 3585-3588	4.9	37
120	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	8	37
119	Flare- and Shock-accelerated Energetic Particles in the Solar Events of 2001 April 14 and 15. <i>Astrophysical Journal</i> , 2002 , 581, L119-L123	4.7	37
118	Abundances, Ionization States, Temperatures, and FIP in Solar Energetic Particles. <i>Space Science Reviews</i> , 2018 , 214, 1	7.5	36
117	Temperature of the Source Plasma in Gradual Solar Energetic Particle Events. <i>Solar Physics</i> , 2016 , 291, 911-930	2.6	36
116	Theoretical modeling for the stereo mission. <i>Space Science Reviews</i> , 2008 , 136, 565-604	7.5	36
115	Solar energetic particle variations. <i>Advances in Space Research</i> , 2004 , 34, 381-390	2.4	36
114	Variations in Abundance Enhancements in Impulsive Solar Energetic-Particle Events and Related CMEs and Flares. <i>Solar Physics</i> , 2014 , 289, 4675-4689	2.6	35
113	Quiet-Time Spectra and Abundances of Energetic Particles During the 1996 Solar Minimum. <i>Astrophysical Journal</i> , 1999 , 518, 473-479	4.7	32
112	Solar particle event storm shelter requirements for missions beyond low Earth orbit. <i>Life Sciences in Space Research</i> , 2018 , 17, 32-39	2.4	31
111	The Solar Energetic Particle Event of 14 December 2006. <i>Solar Physics</i> , 2009 , 256, 443-462	2.6	30

110	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	2	29
109	Nuclear Composition and Energy Spectra in the 1969 April 12 Solar-Particle Event. <i>Astrophysical Journal</i> , 1972 , 171, 169	4-7	29
108	Solar neutron decay proton observations in cycle 21. <i>Astrophysical Journal, Supplement Series</i> , 1990 , 73, 273	8	29
107	Pitch Angle Diffusion Coefficient in an Extended Quasi-linear Theory. <i>Astrophysical Journal</i> , 1995 , 453, 890	4-7	28
106	A COMPARISON OF ELEMENTAL ABUNDANCE RATIOS IN SEP EVENTS IN FAST AND SLOW SOLAR WIND REGIONS. <i>Astrophysical Journal</i> , 2009 , 701, 561-570	4-7	27
105	Four Distinct Pathways to the Element Abundances in Solar Energetic Particles. <i>Space Science Reviews</i> , 2020 , 216, 1	7-5	26
104	Temperature of the Source Plasma for Impulsive Solar Energetic Particles. <i>Solar Physics</i> , 2015 , 290, 1761-1774	17-74	26
103	PARTICLE ENERGY SPECTRA AT TRAVELING INTERPLANETARY SHOCK WAVES. <i>Astrophysical Journal</i> , 2012 , 757, 93	4-7	26
102	WHAT CAUSES SCATTER-FREE TRANSPORT OF NON-RELATIVISTIC SOLAR ELECTRONS?. <i>Astrophysical Journal</i> , 2011 , 728, 133	4-7	26
101	Temporal evolution in the spectra of gradual solar energetic particle events. <i>AIP Conference Proceedings</i> , 2000 ,	0	26
100	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	4-7	26
99	The BIP Effect and the Origins of Solar Energetic Particles and of the Solar Wind. <i>Solar Physics</i> , 2018 , 293, 1	2-6	25
98	Late-phase acceleration of energetic ions in corotating interaction regions. <i>Geophysical Research Letters</i> , 1997 , 24, 2917-2920	4-9	25
97	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	4-7	25
96	Evidence for multiple ejecta: April 7-11, 1997, ISTP Sun-Earth connection event. <i>Geophysical Research Letters</i> , 1998 , 25, 2473-2476	4-9	25
95	Heavy ion acceleration by cascading Alfvén waves in impulsive solar flares. <i>AIP Conference Proceedings</i> , 1996 ,	0	24
94	Relative Abundance of Iron-Group Nuclei in Solar Cosmic Rays. <i>Astrophysical Journal</i> , 1969 , 157, L53	4-7	23
93	USE OF INCIDENT AND REFLECTED SOLAR PARTICLE BEAMS TO TRACE THE TOPOLOGY OF MAGNETIC CLOUDS. <i>Astrophysical Journal</i> , 2012 , 750, 146	4-7	23

92	Statistical Discrete-Source Model of Local Cosmic Rays. <i>Physical Review Letters</i> , 1970 , 24, 913-916	7.4	22
91	A comparison of solar helium-3-rich events with type II bursts and coronal mass ejections. <i>Astrophysical Journal</i> , 1985 , 290, 742	4.7	22
90	Solar energetic particles: Shock acceleration and transport through self-amplified waves 2012 ,		21
89	IMPACT: Science goals and firsts with STEREO. <i>Advances in Space Research</i> , 2005 , 36, 1534-1543	2.4	21
88	Cosmic-Ray Propagation. <i>Physical Review</i> , 1968 , 175, 1564-1576		21
87	Energy spectra of ions from impulsive solar flares. <i>Astrophysical Journal</i> , 1992 , 387, 715	4.7	21
86	The Abundance of Helium in the Source Plasma of Solar Energetic Particles. <i>Solar Physics</i> , 2017 , 292, 1	2.6	20
85	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	4.7	20
84	Coronal element abundances derived from solar energetic particles. <i>Advances in Space Research</i> , 1994 , 14, 177-180	2.4	19
83	Spatial Distribution of Solar Energetic Particles in the Inner Heliosphere. <i>Solar Physics</i> , 2013 , 285, 233-250	2.6	18
82	Multispacecraft observations of solar (He-3)-rich events. <i>Astrophysical Journal</i> , 1991 , 380, 287	4.7	18
81	Characteristics of solar coronal source regions producing 3He-rich particle events. <i>Solar Physics</i> , 1987 , 107, 385-394	2.6	17
80	The Origin of Element Abundance Variations in Solar Energetic Particles. <i>Solar Physics</i> , 2016 , 291, 2099-2165	2.6	16
79	Hydrogen and the Abundances of Elements in Impulsive Solar Energetic-Particle Events. <i>Solar Physics</i> , 2019 , 294, 1	2.6	16
78	COMPARISON BETWEEN PATH LENGTHS TRAVELED BY SOLAR ELECTRONS AND IONS IN GROUND-LEVEL ENHANCEMENT EVENTS. <i>Astrophysical Journal</i> , 2013 , 768, 68	4.7	15
77	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	4.7	15
76	Measurements of the Iron-Group Abundance in Energetic Solar Particles. <i>Astrophysical Journal</i> , 1973 , 180, 583	4.7	15
75	Hydrogen and the Abundances of Elements in Gradual Solar Energetic-Particle Events. <i>Solar Physics</i> , 2019 , 294, 1	2.6	14

74	Some statistics of solar radio bursts of spectral types II and IV. <i>Astrophysical Journal</i> , 1988 , 325, 901	4.7	14
73	The relationship between energetic particles and flare properties for impulsive solar flares. <i>Astrophysical Journal, Supplement Series</i> , 1990 , 73, 253	8	14
72	Energetic Particles and the Structure of Coronal Mass Ejections. <i>Geophysical Monograph Series</i> , 2013 , 217-226	1.1	13
71	The dark side of the Solar Flare Myth. <i>Eos</i> , 1995 , 76, 405-405	1.5	13
70	Energetic particles from solar flares and coronal mass ejections. <i>AIP Conference Proceedings</i> , 1996 ,	0	13
69	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	2.4	13
68	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	2.6	13
67	Solar neon abundances from gamma-ray spectroscopy and He-3-rich particle events. <i>Astrophysical Journal</i> , 1988 , 332, L87	4.7	13
66	Wave generation in the transport of particles from large solar flares. <i>Astrophysical Journal</i> , 1989 , 342, L51	4.7	13
65	Solar Energetic Particles. <i>Lecture Notes in Physics</i> , 2021 ,	0.8	13
64	ANOMALOUS COSMIC RAYS AS PROBES OF MAGNETIC CLOUDS. <i>Astrophysical Journal</i> , 2009 , 700, L196-L199	4.7	12
63	Source Spectra and Composition of Cosmic Rays Implied by an Analysis of Interstellar and Interplanetary Travel. <i>Physical Review</i> , 1966 , 149, 995-1007		12
62	Low-Energy Cosmic-Ray Composition and Energy Spectra Measured in June 1965. <i>Physical Review</i> , 1967 , 162, 1291-1295		12
61	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	4.7	12
60	Helium Suppression in Impulsive Solar Energetic-Particle Events. <i>Solar Physics</i> , 2019 , 294, 1	2.6	11
59	Ion Anisotropy and High-Energy Variability of Large Solar Particle Events: A Comparative Study. <i>Astrophysical Journal</i> , 2008 , 678, 1471-1479	4.7	11
58	Solar-Heliospheric-Magnetospheric Observations on March 23/April 26, 2001: Similarities to Observations in April 1979. <i>AIP Conference Proceedings</i> , 2003 ,	0	11
57	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		11

56	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		11
55	Particle Emission in Heavy-Ion Reactions. <i>Physical Review</i> , 1965 , 137, B332-B345		11
54	Remote Sensing of Magnetic-Cloud Topology. <i>Solar Physics</i> , 2010 , 265, 187-195	2.6	10
53	WIND/EPACT observations of anomalous cosmic rays. <i>Advances in Space Research</i> , 1997 , 19, 809-812	2.4	10
52	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	2.6	10
51	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	4.7	10
50	[ITAL]Wind[/ITAL] Observations of Anomalous Cosmic Rays from Solar Minimum to Maximum. <i>Astrophysical Journal</i> , 2003 , 586, L99-L101	4.7	10
49	A MULTI-SPACECRAFT VIEW OF SOLAR-ENERGETIC-PARTICLE ONSETS IN THE 1977 NOVEMBER 22 EVENT. <i>Astrophysical Journal</i> , 2010 , 723, 550-554	4.7	9
48	Bulk Flow Velocity and First-Order Anisotropy of Solar Energetic Particles Observed on theWindSpacecraft: Overview of Three GradualParticle Events. <i>Astrophysical Journal</i> , 2007 , 661, 1297-1310	4.7	9
47	⁵³ Mn and the Age of Galactic Cosmic Rays. <i>Astrophysical Journal</i> , 1970 , 162, 837	4.7	9
46	Energetic Particle Abundances as Probes of an Interplanetary Shock Wave. <i>Astrophysical Journal</i> , 2002 , 575, L37-L39	4.7	9
45	Distinguishing the Rigidity Dependences of Acceleration and Transport in Solar Energetic Particles. <i>Solar Physics</i> , 2020 , 295, 1	2.6	9
44	Particle acceleration by CME-driven shock waves. <i>AIP Conference Proceedings</i> , 2000 ,	0	8
43	Temperature dependence of the abundances of elements in solar He-3 rich events. <i>Astrophysical Journal</i> , 1988 , 325, L53	4.7	8
42	Corotating Shock Waves and the Solar-wind Source of Energetic Ion Abundances: Power Laws in (A)/(Q). <i>Solar Physics</i> , 2018 , 293, 1	2.6	8
41	Trapping and escape of the high energy particles responsible for major proton events 1992 , 180-185		8
40	Excess H, Suppressed He, and the Abundances of Elements in Solar Energetic Particles. <i>Solar Physics</i> , 2019 , 294, 1	2.6	7
39	Spatial Distribution of Element Abundances and Ionization States in Solar Energetic-Particle Events. <i>Solar Physics</i> , 2017 , 292, 1	2.6	7

38	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. <i>Astrophysical Journal</i> , 2014 , 786, 122	4.7	7
37	Effect of CME Interactions on the Production of Solar Energetic Particles. <i>AIP Conference Proceedings</i> , 2003 ,	0	7
36	Observation on the Elemental Abundances of Low-Energy Cosmic Rays in July 1964. <i>Physical Review</i> , 1966 , 149, 991-995		7
35	Solar Energetic Particles: Sampling Coronal Abundances. <i>Space Sciences Series of ISSI</i> , 1998 , 327-340	0.1	7
34	DROPOUT OF DIRECTIONAL ELECTRON INTENSITIES IN LARGE SOLAR ENERGETIC PARTICLE EVENTS. <i>Astrophysical Journal</i> , 2016 , 816, 93	4.7	6
33	Seps: Space Weather Hazard in Interplanetary Space. <i>Geophysical Monograph Series</i> , 2013 , 101-107	1.1	6
32	Exploring the global shock scenario at multiple points between sun and earth: The solar transients launched on January 1 and September 23, 1978. <i>Advances in Space Research</i> , 2009 , 43, 113-119	2.4	5
31	Particle acceleration in solar flares: Observations. <i>AIP Conference Proceedings</i> , 1992 ,	0	5
30	The composition of galactic cosmic rays. <i>Canadian Journal of Physics</i> , 1968 , 46, S544-S547	1.1	5
29	On the Correlation between Energy Spectra and Element Abundances in Solar Energetic Particles. <i>Solar Physics</i> , 2021 , 296, 1	2.6	5
28	Composition of the September 2, 1966 solar particle event. <i>Canadian Journal of Physics</i> , 1968 , 46, S749-S752		4
27	Charge and Energy Spectrum of Heavy Nuclei during the Solar Minimum, 1965. <i>Physical Review</i> , 1967 , 162, 1296-1298		4
26	Element Abundances and Source Plasma Temperatures of Solar Energetic Particles. <i>Journal of Physics: Conference Series</i> , 2016 , 767, 012023	0.3	4
25	Element Abundances of Solar Energetic Particles and the Photosphere, the Corona, and the Solar Wind. <i>Atoms</i> , 2019 , 7, 104	2.1	4
24	Solar energetic particles and space weather. <i>AIP Conference Proceedings</i> , 2001 ,	0	3
23	Chemical Composition of Relativistic Cosmic Rays Detected above the Atmosphere. <i>Physical Review D</i> , 1970 , 1, 1021-1028	4.9	3
22	Energetic particle composition. <i>AIP Conference Proceedings</i> , 2001 ,	0	2
21	Enhancement of solar heavy nuclei at high energies in the 4 July 1974 event. <i>Solar Physics</i> , 1977 , 55, 491-497		2

20	High-energy galactic cosmic-ray composition measured in Gemini XI. <i>Canadian Journal of Physics</i> , 1968 , 46, S569-S571	1.1	2
19	Sixty Years of Element Abundance Measurements in Solar Energetic Particles. <i>Space Science Reviews</i> , 2021 , 217, 1	7.5	2
18	Fifty Years of 3He-Rich Events. <i>Frontiers in Astronomy and Space Sciences</i> , 2021 , 8,	3.8	2
17	Computer Analysis of Tracks in Nuclear Emulsion Utilizing Digitized Video Scan. <i>IEEE Transactions on Nuclear Science</i> , 1969 , 16, 127-131	1.7	1
16	The Evolution of Research on Abundances of Solar Energetic Particles. <i>Universe</i> , 2021 , 7, 292	2.5	0
15	Energy Spectra vs. Element Abundances in Solar Energetic Particles and the Roles of Magnetic Reconnection and Shock Acceleration. <i>Solar Physics</i> , 2022 , 297, 1	2.6	0
14	Distinguishing the Sources. <i>Lecture Notes in Physics</i> , 2017 , 39-54	0.8	
13	Impulsive SEP Events. <i>Lecture Notes in Physics</i> , 2017 , 55-72	0.8	
12	Gradual SEP Events. <i>Lecture Notes in Physics</i> , 2017 , 73-101	0.8	
11	High Energies and Radiation Effects. <i>Lecture Notes in Physics</i> , 2017 , 103-111	0.8	
10	Measurements of SEPs. <i>Lecture Notes in Physics</i> , 2017 , 113-124	0.8	
9	Gradual SEP Events. <i>Lecture Notes in Physics</i> , 2021 , 97-133	0.8	
8	Impulsive SEP Events (and Flares). <i>Lecture Notes in Physics</i> , 2021 , 71-95	0.8	
7	Introducing the Sun and SEPs. <i>Lecture Notes in Physics</i> , 2021 , 1-18	0.8	
6	Distinguishing the Sources. <i>Lecture Notes in Physics</i> , 2021 , 49-69	0.8	
5	Measurements of SEPs. <i>Lecture Notes in Physics</i> , 2021 , 151-165	0.8	
4	Element Abundances and FIP: SEPs, Corona, and Solar Wind. <i>Lecture Notes in Physics</i> , 2021 , 167-185	0.8	
3	A Turbulent History. <i>Lecture Notes in Physics</i> , 2021 , 19-48	0.8	

2 High Energies and Radiation Effects. *Lecture Notes in Physics*, **2021**, 135-149 o.8

1 Hydrogen Abundances and Shock Waves. *Lecture Notes in Physics*, **2021**, 187-219 o.8