Donald V Reames

List of Publications by Year in Descending Order

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	Energy Spectra vs. Element Abundances in Solar Energetic Particles and the Roles of Magnetic Reconnection and Shock Acceleration. *Solar Physics*, **2022**, 297, 1	2.6	0
180	Gradual SEP Events. *Lecture Notes in Physics*, **2021**, 97-133	0.8	
179	Impulsive SEP Events (and Flares). *Lecture Notes in Physics*, **2021**, 71-95	0.8	
178	Introducing the Sun and SEPs. *Lecture Notes in Physics*, **2021**, 1-18	0.8	
177	Distinguishing the Sources. *Lecture Notes in Physics*, **2021**, 49-69	0.8	
176	On the Correlation between Energy Spectra and Element Abundances in Solar Energetic Particles. *Solar Physics*, **2021**, 296, 1	2.6	5
175	Measurements of SEPs. *Lecture Notes in Physics*, **2021**, 151-165	0.8	
174	Element Abundances and FIP: SEPs, Corona, and Solar Wind. *Lecture Notes in Physics*, **2021**, 167-185	0.8	
173	A Turbulent History. *Lecture Notes in Physics*, **2021**, 19-48	0.8	
172	High Energies and Radiation Effects. *Lecture Notes in Physics*, **2021**, 135-149	0.8	
171	Hydrogen Abundances and Shock Waves. *Lecture Notes in Physics*, **2021**, 187-219	0.8	
170	Sixty Years of Element Abundance Measurements in Solar Energetic Particles. *Space Science Reviews*, **2021**, 217, 1	7.5	2
169	The Evolution of Research on Abundances of Solar Energetic Particles. *Universe*, **2021**, 7, 292	2.5	0
168	Fifty Years of 3He-Rich Events. *Frontiers in Astronomy and Space Sciences*, **2021**, 8,	3.8	2
167	Solar Energetic Particles. *Lecture Notes in Physics*, **2021**,	0.8	13
166	Four Distinct Pathways to the Element Abundances in Solar Energetic Particles. *Space Science Reviews*, **2020**, 216, 1	7.5	26
165	Distinguishing the Rigidity Dependences of Acceleration and Transport in Solar Energetic Particles. *Solar Physics*, **2020**, 295, 1	2.6	9

164	Hydrogen and the Abundances of Elements in Gradual Solar Energetic-Particle Events. *Solar Physics*, **2019**, 294, 1	2.6	14
163	Helium Suppression in Impulsive Solar Energetic-Particle Events. *Solar Physics*, **2019**, 294, 1	2.6	11
162	Hydrogen and the Abundances of Elements in Impulsive Solar Energetic-Particle Events. *Solar Physics*, **2019**, 294, 1	2.6	16
161	Excess H, Suppressed He, and the Abundances of Elements in Solar Energetic Particles. *Solar Physics* , **2019**, 294, 1	2.6	7
160	Element Abundances of Solar Energetic Particles and the Photosphere, the Corona, and the Solar Wind. *Atoms*, **2019**, 7, 104	2.1	4
159	Solar particle event storm shelter requirements for missions beyond low Earth orbit. *Life Sciences in Space Research*, **2018**, 17, 32-39	2.4	31
158	Abundances, Ionization States, Temperatures, and FIP in Solar Energetic Particles. *Space Science Reviews*, **2018**, 214, 1	7.5	36
157	The FIP Effect and the Origins of Solar Energetic Particles and of the Solar Wind. *Solar Physics*, **2018**, 293, 1	2.6	25
156	Corotating Shock Waves and the Solar-wind Source of Energetic Ion Abundances: Power Laws in (A)/(Q). *Solar Physics*, **2018**, 293, 1	2.6	8
155	Solar Energetic Particles. *Lecture Notes in Physics*, **2017**,	0.8	51
154	Distinguishing the Sources. *Lecture Notes in Physics*, **2017**, 39-54	0.8	
153	Impulsive SEP Events. *Lecture Notes in Physics*, **2017**, 55-72	0.8	
152	Gradual SEP Events. *Lecture Notes in Physics*, **2017**, 73-101	0.8	
151	High Energies and Radiation Effects. *Lecture Notes in Physics*, **2017**, 103-111	0.8	
150	Spatial Distribution of Element Abundances and Ionization States in Solar Energetic-Particle Events. *Solar Physics*, **2017**, 292, 1	2.6	7
149	The Abundance of Helium in the Source Plasma of Solar Energetic Particles. *Solar Physics*, **2017**, 292, 1	2.6	20
148	Measurements of SEPs. *Lecture Notes in Physics*, **2017**, 113-124	0.8	
147	DROPOUT OF DIRECTIONAL ELECTRON INTENSITIES IN LARGE SOLAR ENERGETIC PARTICLE EVENTS. *Astrophysical Journal*, **2016**, 816, 93	4.7	6

146	The Origin of Element Abundance Variations in Solar Energetic Particles. *Solar Physics*, **2016**, 291, 2099-2115	2.6	16
145	Temperature of the Source Plasma in Gradual Solar Energetic Particle Events. *Solar Physics*, **2016**, 291, 911-930	2.6	36
144	Element Abundances and Source Plasma Temperatures of Solar Energetic Particles. *Journal of Physics: Conference Series*, **2016**, 767, 012023	0.3	4
143	What Are the Sources of Solar Energetic Particles? Element Abundances and Source Plasma Temperatures. *Space Science Reviews*, **2015**, 194, 303-327	7.5	60
142	Temperature of the Source Plasma for Impulsive Solar Energetic Particles. *Solar Physics*, **2015**, 290, 1761-1774	2.6	26
141	Abundance Enhancements in Impulsive Solar Energetic-Particle Events with Associated Coronal Mass Ejections. *Solar Physics*, **2014**, 289, 3817-3841	2.6	51
140	Variations in Abundance Enhancements in Impulsive Solar Energetic-Particle Events and Related CMEs and Flares. *Solar Physics*, **2014**, 289, 4675-4689	2.6	35
139	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	4.7	7
138	Element Abundances in Solar Energetic Particles and the Solar Corona. *Solar Physics*, **2014**, 289, 977-993	2.6	62
137	Spatial Distribution of Solar Energetic Particles in the Inner Heliosphere. *Solar Physics*, **2013**, 285, 233-252	2.6	18
136	Seps: Space Weather Hazard in Interplanetary Space. *Geophysical Monograph Series*, **2013**, 101-107	1.1	6
135	Energetic Particles and the Structure of Coronal Mass Ejections. *Geophysical Monograph Series*, **2013**, 217-226	1.1	13
134	The Two Sources of Solar Energetic Particles. *Space Science Reviews*, **2013**, 175, 53-92	7.5	284
133	COMPARISON BETWEEN PATH LENGTHS TRAVELED BY SOLAR ELECTRONS AND IONS IN GROUND-LEVEL ENHANCEMENT EVENTS. *Astrophysical Journal*, **2013**, 768, 68	4.7	15
132	COMPOSITION OF THE SOLAR CORONA, SOLAR WIND, AND SOLAR ENERGETIC PARTICLES. *Astrophysical Journal*, **2012**, 755, 33	4.7	137
131	PARTICLE ENERGY SPECTRA AT TRAVELING INTERPLANETARY SHOCK WAVES. *Astrophysical Journal*, **2012**, 757, 93	4.7	26
130	Solar energetic particles: Shock acceleration and transport through self-amplified waves **2012**,		21
129	THE LONGITUDINAL PROPERTIES OF A SOLAR ENERGETIC PARTICLE EVENT INVESTIGATED USING MODERN SOLAR IMAGING. *Astrophysical Journal*, **2012**, 752, 44	4.7	136

128	USE OF INCIDENT AND REFLECTED SOLAR PARTICLE BEAMS TO TRACE THE TOPOLOGY OF MAGNETIC CLOUDS. *Astrophysical Journal*, **2012**, 750, 146	4.7	23
127	WHAT CAUSES SCATTER-FREE TRANSPORT OF NON-RELATIVISTIC SOLAR ELECTRONS?. *Astrophysical Journal*, **2011**, 728, 133	4.7	26
126	Unusual time histories of galactic and anomalous cosmic rays at 1 AU over the deep solar minimum of cycle 23/24. *Geophysical Research Letters*, **2010**, 37, n/a-n/a	4.9	55
125	STREAMING-LIMITED INTENSITIES OF SOLAR ENERGETIC PARTICLES ON THE INTENSITY PLATEAU. *Astrophysical Journal*, **2010**, 723, 1286-1293	4.7	50
124	A MULTI-SPACECRAFT VIEW OF SOLAR-ENERGETIC-PARTICLE ONSETS IN THE 1977 NOVEMBER 22 EVENT. *Astrophysical Journal*, **2010**, 723, 550-554	4.7	9
123	Remote Sensing of Magnetic-Cloud Topology. *Solar Physics*, **2010**, 265, 187-195	2.6	10
122	OBSERVATIONAL EVIDENCE ON THE PRESENCE OF AN OUTER REFLECTING BOUNDARY IN SOLAR ENERGETIC PARTICLE EVENTS. *Astrophysical Journal*, **2009**, 701, 1753-1764	4.7	38
121	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	2.4	5
120	The Solar Energetic Particle Event of 14 December 2006. *Solar Physics*, **2009**, 256, 443-462	2.6	30
119	SOLAR RELEASE TIMES OF ENERGETIC PARTICLES IN GROUND-LEVEL EVENTS. *Astrophysical Journal*, **2009**, 693, 812-821	4.7	118
118	ANOMALOUS COSMIC RAYS AS PROBES OF MAGNETIC CLOUDS. *Astrophysical Journal*, **2009**, 700, L196-L199	4.7	12
117	SOLAR ENERGETIC-PARTICLE RELEASE TIMES IN HISTORIC GROUND-LEVEL EVENTS. *Astrophysical Journal*, **2009**, 706, 844-850	4.7	106
116	A COMPARISON OF ELEMENTAL ABUNDANCE RATIOS IN SEP EVENTS IN FAST AND SLOW SOLAR WIND REGIONS. *Astrophysical Journal*, **2009**, 701, 561-570	4.7	27
115	The High Energy Telescope for STEREO. *Space Science Reviews*, **2008**, 136, 391-435	7.5	75
114	Ion Anisotropy and High-Energy Variability of Large Solar Particle Events: A Comparative Study. *Astrophysical Journal*, **2008**, 678, 1471-1479	4.7	11
113	Shock Acceleration of Solar Energetic Protons: The First 10 Minutes. *Astrophysical Journal*, **2008**, 686, L123-L126	4.7	80
112	Theoretical modeling for the stereo mission. *Space Science Reviews*, **2008**, 136, 565-604	7.5	36
111	STEREO IMPACT Investigation Goals, Measurements, and Data Products Overview. *Space Science Reviews*, **2008**, 136, 117-184	7.5	226

110	Bulk Flow Velocity and First-Order Anisotropy of Solar Energetic Particles Observed on theWindSpacecraft: Overview of Three Gradual Particle Events. *Astrophysical Journal*, **2007**, 661, 1297-1310	4.7	9
109	A Comparative Study of Ion Characteristics in the Large Gradual Solar Energetic Particle Events of 2002 April 21 and 2002 August 24. *Astrophysical Journal, Supplement Series*, **2006**, 164, 536-551	8	40
108	Solar Sources of Impulsive Solar Energetic Particle Events and Their Magnetic Field Connection to the Earth. *Astrophysical Journal*, **2006**, 650, 438-450	4.7	93
107	IMPACT: Science goals and firsts with STEREO. *Advances in Space Research*, **2005**, 36, 1534-1543	2.4	21
106	Shock Geometry, Seed Populations, and the Origin of Variable Elemental Composition at High Energies in Large Gradual Solar Particle Events. *Astrophysical Journal*, **2005**, 625, 474-495	4.7	312
105	Solar energetic particle variations. *Advances in Space Research*, **2004**, 34, 381-390	2.4	36
104	Coronal Shocks and Solar Energetic Proton Events. *Astrophysical Journal*, **2004**, 605, 902-910	4.7	157
103	Heavy-Element Abundances in Solar Energetic Particle Events. *Astrophysical Journal*, **2004**, 610, 510-522	4.7	93
102	Effect of CME Interactions on the Production of Solar Energetic Particles. *AIP Conference Proceedings*, **2003**,	0	7
101	Solar-Heliospheric-Magnetospheric Observations on March 23-April 26, 2001: Similarities to Observations in April 1979. *AIP Conference Proceedings*, **2003**,	0	11
100	Modeling Shock-accelerated Solar Energetic Particles Coupled to Interplanetary Alfven Waves. *Astrophysical Journal*, **2003**, 591, 461-485	4.7	147
99	Solar Energetic Particle Production by Coronal Mass Ejection-driven Shocks in Solar Fast-Wind Regions. *Astrophysical Journal*, **2003**, 584, 1063-1070	4.7	54
98	[ITAL]Wind[/ITAL] Observations of Anomalous Cosmic Rays from Solar Minimum to Maximum. *Astrophysical Journal*, **2003**, 586, L99-L101	4.7	10
97	Halo-coronal mass ejections near the 23rd solar minimum: lift-off, inner heliosphere, and in situ (1 AU) signatures. *Annales Geophysicae*, **2002**, 20, 891-916	2	29
96	Magnetic Topology of Impulsive and Gradual Solar Energetic Particle Events. *Astrophysical Journal*, **2002**, 571, L63-L66	4.7	109
95	Interacting Coronal Mass Ejections and Solar Energetic Particles. *Astrophysical Journal*, **2002**, 572, L103-L107	4.7	197
94	Angular Distributions of F[CLC]e[/CLC]/O from [ITAL]Wind[/ITAL]: New Insight into Solar Energetic Particle Transport. *Astrophysical Journal*, **2002**, 577, L59-L62	4.7	15
93	Relative recovery of galactic and anomalous cosmic rays at 1 AU: Further evidence for modulation in the heliosheath. *Journal of Geophysical Research*, **2002**, 107, SSH 2-1-SSH 2-9		11

92	Energetic Particle Abundances as Probes of an Interplanetary Shock Wave. *Astrophysical Journal*, **2002**, 575, L37-L39	4.7	9
91	Flare- and Shock-accelerated Energetic Particles in the Solar Events of 2001 April 14 and 15. *Astrophysical Journal*, **2002**, 581, L119-L123	4.7	37
90	Heavy Ion Abundances and Spectra and the Large Gradual Solar Energetic Particle Event of 2000 July 14. *Astrophysical Journal*, **2001**, 548, L233-L236	4.7	25
89	Coronal Mass Ejections Associated with Impulsive Solar Energetic Particle Events. *Astrophysical Journal*, **2001**, 562, 558-565	4.7	134
88	Evidence for Remnant Flare Suprathermals in the Source Population of Solar Energetic Particles in the 2000 Bastille Day Event. *Astrophysical Journal*, **2001**, 558, L59-L63	4.7	74
87	Solar energetic particles and space weather. *AIP Conference Proceedings*, **2001**,	0	3
86	The Bastille day Magnetic Clouds and Upstream Shocks: Near-Earth Interplanetary Observations. *Solar Physics*, **2001**, 204, 285-303	2.6	66
85	Energetic particle composition. *AIP Conference Proceedings*, **2001**,	0	2
84	Angular Distributions of Solar Energetic Particles. *Astrophysical Journal*, **2001**, 550, 1064-1074	4.7	46
83	On the Phase of the 27 Day Modulation of Anomalous and Galactic Cosmic Rays at 1 AU during Solar Minimum. *Astrophysical Journal*, **2001**, 563, L179-L182	4.7	10
82	Particle acceleration by CME-driven shock waves. *AIP Conference Proceedings*, **2000**,	0	8
81	Temporal evolution in the spectra of gradual solar energetic particle events. *AIP Conference Proceedings*, **2000**,	0	26
80	Initial Time Dependence of Abundances in Solar Energetic Particle Events. *Astrophysical Journal*, **2000**, 531, L83-L86	4.7	38
79	Abundances of Trans-Iron Elements in Solar Energetic Particle Events. *Astrophysical Journal*, **2000**, 540, L111-L114	4.7	77
78	Solar energetic particles: is there time to hide?. *Radiation Measurements*, **1999**, 30, 297-308	1.5	39
77	Particle acceleration at the Sun and in the heliosphere. *Space Science Reviews*, **1999**, 90, 413-491	7.5	976
76	Energy-dependent ionization states of shock-accelerated particles in the solar corona. *Geophysical Research Letters*, **1999**, 26, 3585-3588	4.9	37
75	Observations of systematic temporal evolution in elemental composition during gradual solar energetic particle events. *Geophysical Research Letters*, **1999**, 26, 2141-2144	4.9	73

74	Effect of proton-amplified waves on the evolution of solar energetic particle composition in gradual events. *Geophysical Research Letters*, **1999**, 26, 2145-2148	4.9	101
73	Quiet-Time Spectra and Abundances of Energetic Particles During the 1996 Solar Minimum. *Astrophysical Journal*, **1999**, 518, 473-479	4.7	32
72	Solar Energetic Particles: Sampling Coronal Abundances. *Space Science Reviews*, **1998**, 85, 327-340	7.5	54
71	Evidence for multiple ejecta: April 7 11, 1997, ISTP Sun-Earth connection event. *Geophysical Research Letters*, **1998**, 25, 2473-2476	4.9	25
70	Solar Energetic Particles: Sampling Coronal Abundances. *Space Sciences Series of ISSI*, **1998**, 327-340	0.1	7
69	Streaming-limited Intensities of Solar Energetic Particles. *Astrophysical Journal*, **1998**, 504, 1002-1005	4.7	85
68	The Helium Valley: Comparison of Impulsive Solar Flare Ion Abundances and Gyroresonant Acceleration with Oblique Turbulence in a Hot Multi-Ion Plasma. *Astrophysical Journal*, **1997**, 476, 403-427	4.7	20
67	New Spectral and Abundance Features of Interplanetary Heavy Ions in Corotating Interaction Regions. *Astrophysical Journal*, **1997**, 486, L149-L152	4.7	66
66	Late-phase acceleration of energetic ions in corotating interaction regions. *Geophysical Research Letters*, **1997**, 24, 2917-2920	4.9	25
65	Spatial and Temporal Invariance in the Spectra of Energetic Particles in Gradual Solar Events. *Astrophysical Journal*, **1997**, 491, 414-420	4.7	120
64	WIND/EPACT observations of anomalous cosmic rays. *Advances in Space Research*, **1997**, 19, 809-812	2.4	10
63	Energy Spectra of Ions Accelerated in Impulsive and Gradual Solar Events. *Astrophysical Journal*, **1997**, 483, 515-522	4.7	85
62	The First Observation of Sulfur in Anomalous Cosmic Rays by the [ITAL]Geotail[/ITAL] and the [ITAL]Wind[/ITAL] Spacecrafts. *Astrophysical Journal*, **1997**, 477, L111-L113	4.7	12
61	Energetic particles from solar flares and coronal mass ejections. *AIP Conference Proceedings*, **1996**,	0	13
60	Heavy ion acceleration by cascading Alfve n waves in impulsive solar flares. *AIP Conference Proceedings*, **1996**,	0	24
59	The Spatial Distribution of Particles Accelerated by Coronal Mass Ejection--driven Shocks. *Astrophysical Journal*, **1996**, 466, 473	4.7	178
58	The Energetic Particles: Acceleration, Composition, and Transport (EPACT) investigation on the WIND spacecraft. *Space Science Reviews*, **1995**, 71, 155-206	7.5	111
57	The dark side of the Solar Flare Myth. *Eos*, **1995**, 76, 405-405	1.5	13

56	Solar energetic particles: A paradigm shift. *Reviews of Geophysics*, **1995**, 33, 585	23.1	155
55	Coronal abundances determined from energetic particles. *Advances in Space Research*, **1995**, 15, 41-51	2.4	192
54	Pitch Angle Diffusion Coefficient in an Extended Quasi-linear Theory. *Astrophysical Journal*, **1995**, 453, 890	4.7	28
53	Coronal element abundances derived from solar energetic particles. *Advances in Space Research*, **1994**, 14, 177-180	2.4	19
52	Focused interplanetary transport of approximately 1 MeV solar energetic protons through self-generated Alfven waves. *Astrophysical Journal*, **1994**, 424, 1032	4.7	85
51	Energetic-particle abundances in impulsive solar flare events. *Astrophysical Journal, Supplement Series*, **1994**, 90, 649	8	212
50	Non-thermal particles in the interplanetary medium. *Advances in Space Research*, **1993**, 13, 331-339	2.4	56
49	Comparison of CMEs, magnetic clouds, and bidirectionally streaming proton events in the heliosphere using helios data. *Advances in Space Research*, **1993**, 13, 71-74	2.4	13
48	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. *Astrophysical Journal, Supplement Series*, **1993**, 85, 411	8	37
47	Particle acceleration in solar flares: Observations. *AIP Conference Proceedings*, **1992**,	0	5
46	Energy spectra of ions from impulsive solar flares. *Astrophysical Journal*, **1992**, 387, 715	4.7	21
45	Trapping and escape of the high energy particles responsible for major proton events **1992**, 180-185		8
44	Solar abundances from gamma-ray spectroscopy - Comparisons with energetic particle, photospheric, and coronal abundances. *Astrophysical Journal*, **1991**, 371, 793	4.7	129
43	Solar particle abundances at energies of greater than 1 MeV per nucleon and the role of interplanetary shocks. *Astrophysical Journal*, **1991**, 373, 675	4.7	48
42	Multispacecraft observations of solar (He-3)-rich events. *Astrophysical Journal*, **1991**, 380, 287	4.7	18
41	On the differences in element abundances of energetic ions from corotating events and from large solar events. *Astrophysical Journal*, **1991**, 382, L43	4.7	50
40	Energetic particle abundances in solar electron events. *Astrophysical Journal*, **1990**, 357, 259	4.7	65
39	Acceleration of energetic particles by shock waves from large solar flares. *Astrophysical Journal*, **1990**, 358, L63	4.7	85

38	Quiet-time properties of low-energy (less than 10 MeV per nucleon) interplanetary ions during solar maximum and solar minimum. *Astrophysical Journal*, **1990**, 363, L9	4.7	26
37	Energetic particles from impulsive solar flares. *Astrophysical Journal, Supplement Series*, **1990**, 73, 235	8	120
36	The relationship between energetic particles and flare properties for impulsive solar flares. *Astrophysical Journal, Supplement Series*, **1990**, 73, 253	8	14
35	Solar neutron decay proton observations in cycle 21. *Astrophysical Journal, Supplement Series*, **1990**, 73, 273	8	29
34	Solar flare nuclear gamma-rays and interplanetary proton events. *Astrophysical Journal*, **1989**, 343, 953	4.7	56
33	Wave generation in the transport of particles from large solar flares. *Astrophysical Journal*, **1989**, 342, L51	4.7	13
32	Soft X-ray emissions, meter-wavelength radio bursts, and particle acceleration in solar flares. *Astrophysical Journal*, **1988**, 325, 895	4.7	38
31	Some statistics of solar radio bursts of spectral types II and IV. *Astrophysical Journal*, **1988**, 325, 901	4.7	14
30	X-ray and radio properties of solar (He-3) rich events. *Astrophysical Journal*, **1988**, 327, 998	4.7	43
29	Temperature dependence of the abundances of elements in solar He-3 rich events. *Astrophysical Journal*, **1988**, 325, L53	4.7	8
28	Bimodal abundances in the energetic particles of solar and interplanetary origin. *Astrophysical Journal*, **1988**, 330, L71	4.7	48
27	Solar neon abundances from gamma-ray spectroscopy and He-3-rich particle events. *Astrophysical Journal*, **1988**, 332, L87	4.7	13
26	Characteristics of solar coronal source regions producing 3He-rich particle events. *Solar Physics*, **1987**, 107, 385-394	2.6	17
25	The heavy-ion compositional signature in He-3-rich solar particle events. *Astrophysical Journal*, **1986**, 303, 849	4.7	120
24	The identification of solar He-3-rich events and the study of particle acceleration at the sun. *Astrophysical Journal*, **1986**, 308, 902	4.7	68
23	A comparison of solar helium-3-rich events with type II bursts and coronal mass ejections. *Astrophysical Journal*, **1985**, 290, 742	4.7	22
22	Solar He-3-rich events and nonrelativistic electron events - A new association. *Astrophysical Journal*, **1985**, 292, 716	4.7	131
21	Associations between coronal mass ejections and solar energetic proton events. *Journal of Geophysical Research*, **1984**, 89, 9683		209

20	Enhancement of solar heavy nuclei at high energies in the 4 July 1974 event. *Solar Physics*, **1977**, 55, 491-497	2.6	2
19	Solar cosmic ray composition above 10 MeV/nucleon and its energy dependence in the 4 August 1972 event. *Solar Physics*, **1974**, 39, 479-491	2.6	13
18	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. *Solar Physics*, **1973**, 31, 247	2.6	10
17	Measurements of the Iron-Group Abundance in Energetic Solar Particles. *Astrophysical Journal*, **1973**, 180, 583	4.7	15
16	A comparison of measurements of the charge spectrum of solar cosmic rays from nuclear emulsions and the Explorer 35 solid-state detector. *Journal of Geophysical Research*, **1972**, 77, 3607-3612		11
15	Nuclear Composition and Energy Spectra in the 1969 April 12 Solar-Particle Event. *Astrophysical Journal*, **1972**, 171, 169	4.7	29
14	Statistical Discrete-Source Model of Local Cosmic Rays. *Physical Review Letters*, **1970**, 24, 913-916	7.4	22
13	Chemical Composition of Relativistic Cosmic Rays Detected above the Atmosphere. *Physical Review D*, **1970**, 1, 1021-1028	4.9	3
12	^{53}Mn and the Age of Galactic Cosmic Rays. *Astrophysical Journal*, **1970**, 162, 837	4.7	9
11	Computer Analysis of Tracks in Nuclear Emulsion Utilizing Digitized Video Scan. *IEEE Transactions on Nuclear Science*, **1969**, 16, 127-131	1.7	1
10	Relative Abundance of Iron-Group Nuclei in Solar Cosmic Rays. *Astrophysical Journal*, **1969**, 157, L53	4.7	23
9	The composition of galactic cosmic rays. *Canadian Journal of Physics*, **1968**, 46, S544-S547	1.1	5
8	Composition of the September 2, 1966 solar particle event. *Canadian Journal of Physics*, **1968**, 46, S749-S752	1.1	4
7	High-energy galactic cosmic-ray composition measured in Gemini XI. *Canadian Journal of Physics*, **1968**, 46, S569-S571	1.1	2
6	Cosmic-Ray Propagation. *Physical Review*, **1968**, 175, 1564-1576		21
5	Charge and Energy Spectrum of Heavy Nuclei during the Solar Minimum, 1965. *Physical Review*, **1967**, 162, 1296-1298		4
4	Low-Energy Cosmic-Ray Composition and Energy Spectra Measured in June 1965. *Physical Review*, **1967**, 162, 1291-1295		12
3	Observation on the Elemental Abundances of Low-Energy Cosmic Rays in July 1964. *Physical Review* , **1966**, 149, 991-995		7

2 Source Spectra and Composition of Cosmic Rays Implied by an Analysis of Interstellar and Interplanetary Travel. *Physical Review*, **1966**, 149, 995-1007 12

1 Particle Emission in Heavy-Ion Reactions. *Physical Review*, **1965**, 137, B332-B345 11