Edmond Roelof

List of Publications by Year
in descending order

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201 papers	10,094 citations	36203 51 h-index	39575 94 g-index
201 all docs	201 docs citations	201 times ranked	3103 citing authors

#	Article	IF	Citations
1	PSP/ISâ€™IS Observation of a Solar Energetic Particle Event Associated with a Streamer Blowout Coronal Mass Ejection during Encounter 6. Astrophysical Journal, 2022, 925, 212.	1.6	3
2	Suprathermal Ion Energy Spectra and Anisotropies near the Heliospheric Current Sheet Crossing Observed by the Parker Solar Probe during Encounter 7. Astrophysical Journal, 2022, 927, 62.	1.6	3
3	Parker Solar Probe observations of helical structures as boundaries for energetic particles. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2114-2122.	1.6	10
4	Energetic Particles Associated with a Coronal Mass Ejection Shock Interacting with a Convected Magnetic Structure. Astrophysical Journal, 2021, 921, 102.	1.6	10
5	Reconstruction of Extreme Geomagnetic Storms: Breaking the Data Paucity Curse. Space Weather, 2020, 18, e2020SW002561.	1.3	10
6	Small, Low-energy, Dispersive Solar Energetic Particle Events Observed by Parker Solar Probe. Astrophysical Journal, Supplement Series, 2020, 246, 65.	3.0	23
7	³He-rich Solar Energetic Particle Observations at the Parker Solar Probe and near Earth. Astrophysical Journal, Supplement Series, 2020, 246, 42.	3.0	27
8	Observations of the 2019 April 4 Solar Energetic Particle Event at the Parker Solar Probe. Astrophysical Journal, Supplement Series, 2020, 246, 35.	3.0	27
9	Energetic Neutral Atoms From Jupiter's Polar Regions. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028697.	0.8	2
10	Probing the energetic particle environment near the Sun. Nature, 2019, 576, 223-227.	13.7	103
11	Flat Proton Spectra in Large Solar Energetic Particle Events. Journal of Physics: Conference Series, 2018, 1100, 012014.	0.3	11
12	A radiation belt of energetic protons located between Saturn and its rings. Science, 2018, 362, .	6.0	27
13	Internal Versus External Sources of Plasma at Saturn: Overview From Magnetospheric Imaging Investigation/Chargeâ€Energyâ€Mass Spectrometer Data. Journal of Geophysical Research: Space Physics, 2018, 123, 4712-4727.	0.8	15
14	The bubble-like shape of the heliosphere observed by Voyager and Cassini. Nature Astronomy, 2017, 1, .	4.2	74
15	The Mushroom: A halfâ€sky energetic ion and electron detector. Journal of Geophysical Research: Space Physics, 2017, 122, 1513-1530.	0.8	40
16	Large Energetic Particle Pressures in Solar Cycles 23 and 24. Journal of Physics: Conference Series, 2017, 900, 012012.	0.3	4
17	Response times of Cassini/INCA > 5.2 keV ENAs and Voyager ions in the heliosheath over the solar cycle. Journal of Physics: Conference Series, 2017, 900, 012005.	0.3	11
18	Empirical modeling of the storm time innermost magnetosphere using Van Allen Probes and THEMIS data: Eastward and banana currents. Journal of Geophysical Research: Space Physics, 2016, 121, 157-170.	0.8	40

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19	Integrated Science Investigation of the Sun (ISIS): Design of the Energetic Particle Investigation. Space Science Reviews, 2016, 204, 187-256.	3.7	139
20	Threeâ€dimensional convective flows of energetic ions in Jupiter's equatorial magnetosphere. Journal of Geophysical Research: Space Physics, 2015, 120, 10,506.	0.8	5
21	ENERGETIC PARTICLE PRESSURE AT INTERPLANETARY SHOCKS:STEREO-AOBSERVATIONS. Astrophysical Journal, 2015, 813, 85.	1.6	9
22	Energetic Neutral Atom (ENA) intensity gradients in the heliotail during year 2003, using Cassini/INCA measurements. Journal of Physics: Conference Series, 2015, 577, 012007.	0.3	5
23	Recent Particle Measurements from Voyagers 1 and 2. Journal of Physics: Conference Series, 2015, 577, 012006.	0.3	26
24	Energetic particle pressure in intense ESP events. Journal of Physics: Conference Series, 2015, 642, 012014.	0.3	9
25	Charged Particle Energization and Transport in Reservoirs throughout the Heliosphere: 1. Solar Energetic Particles. Journal of Physics: Conference Series, 2015, 642, 012023.	0.3	8
26	SYMMETRY OF THEIBEXRIBBON OF ENHANCED ENERGETIC NEUTRAL ATOM (ENA) FLUX. Astrophysical Journal, 2015, 799, 68.	1.6	19
27	Search for the Exit: Voyager 1 at Heliosphereâ€™s Border with the Galaxy. Science, 2013, 341, 144-147.	6.0	186
28	LONGITUDINAL AND RADIAL DEPENDENCE OF SOLAR ENERGETIC PARTICLE PEAK INTENSITIES:STEREO,ACE,SOHO,GOES, ANDMESSENGEROBSERVATIONS. Astrophysical Journal, 2013, 767, 41.	1.6	143
29	Solar periodicity in energetic ions at Saturn. Journal of Geophysical Research: Space Physics, 2013, 118, 1891-1898.	0.8	4
30	A rogue solar energetic particle event at 0.33 AU: Importance of interplanetary structures in SEP events. , 2013, , .		0
31	A THREE-COORDINATE SYSTEM (ECLIPTIC, GALACTIC, ISMF) SPECTRAL ANALYSIS OF HELIOSPHERIC ENA EMISSIONS USINGCASSINI/INCA MEASUREMENTS. Astrophysical Journal, 2013, 778, 40.	1.6	34
32	Analysis of suprathermal tails using hourly-averaged proton velocity distributions at 1 AU. AIP Conference Proceedings, 2012, , .	0.3	6
33	Cassini ENA images of the heliosheath and Voyager â€œground truthâ€• Thickness of the heliosheath. AIP Conference Proceedings, 2012, , .	0.3	11
34	Pitch angle distributions of energetic electrons at Saturn. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	25
35	ENA (E>5 keV) Images from Cassini and Voyager â€œground truthâ€• Suprathermal Pressure in the Heliosheath. AIP Conference Proceedings, 2010, , .	0.3	9
36	Polar Coronal Hole Evolution 2006â€“2009: Effects At Voyagers 1â^•2 In The Heliosheath. AIP Conference Proceedings, 2010, , .	0.3	6

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37	Radial Heliospheric Magnetic Fields in Solar Wind Rarefaction Regions: Ulysses Observations. AIP Conference Proceedings, 2010, , .	0.3	2
38	Implications of Generalized Rankine-Hugoniot Conditions for the PUI Population at the Voyager 2 Termination Shock. AIP Conference Proceedings, 2010, , .	0.3	5
39	Variations of Low-energy Ion Distributions Measured in the Heliosheath. , 2010, , .		15
40	Particle pressure, inertial force, and ring current density profiles in the magnetosphere of Saturn, based on Cassini measurements. Geophysical Research Letters, 2010, 37, .	1.5	57
41	Energetic, â^¼5â€“90 keV neutral atom imaging of a weak substorm with STEREO/STE. Geophysical Research Letters, 2010, 37, .	1.5	4
42	Saturn's periodic magnetic field perturbations caused by a rotating partial ring current. Geophysical Research Letters, 2010, 37, .	1.5	37
43	Multipoint connectivity analysis of the May 2007 solar energetic particle events. Journal of Geophysical Research, 2010, 115, .	3.3	8
44	Comparison of TWINS images of lowâ€altitude emission of energetic neutral atoms with DMSP precipitating ion fluxes. Journal of Geophysical Research, 2010, 115, .	3.3	43
45	A Residual Source of Energetic Neutral Atoms Across the Sky Obtained by the Neutral Particle Detector on board Venus Express. , 2009, , .		3
46	Termination Shock and Heliosheath: Energetic Ion Variations Measured at Voyagers 1 and 2. , 2009, , .		3
47	Imaging the Interaction of the Heliosphere with the Interstellar Medium from Saturn with Cassini. Science, 2009, 326, 971-973.	6.0	114
48	Structures and Spectral Variations of the Outer Heliosphere in IBEX Energetic Neutral Atom Maps. Science, 2009, 326, 964-966.	6.0	198
49	The Interstellar Boundary Explorer High Energy (IBEX-Hi) Neutral Atom Imager. Space Science Reviews, 2009, 146, 75-103.	3.7	226
50	IBEX Backgrounds and Signal-to-Noise Ratio. Space Science Reviews, 2009, 146, 173-206.	3.7	26
51	Solar wind periodicity in energetic electrons at Saturn. Geophysical Research Letters, 2009, 36, .	1.5	8
52	Energetic particle pressure in Saturn's magnetosphere measured with the Magnetospheric Imaging Instrument on Cassini. Journal of Geophysical Research, 2009, 114, .	3.3	82
53	Mediation of the solar wind termination shock by non-thermal ions. Nature, 2008, 454, 67-70.	13.7	221
54	Track analysis of energetic neutral atom blobs at Saturn. Journal of Geophysical Research, 2008, 113, .	3.3	19

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55	Statistical morphology of ENA emissions at Saturn. Journal of Geophysical Research, 2008, 113, .	3.3	48
56	Using measurements of Energetic Neutral Atoms from low Earth orbit to infer global magnetospheric ion distributions. Journal of Geophysical Research, 2008, 113, .	3.3	1
57	Direct observation of warping in the plasma sheet of Saturn. Geophysical Research Letters, 2008, 35, .	1.5	19
58	Periodic tilting of Saturn's plasma sheet. Geophysical Research Letters, 2008, 35, .	1.5	44
59	The lower exosphere of Titan: Energetic neutral atoms absorption and imaging. Journal of Geophysical Research, 2008, 113, .	3.3	18
60	Particle Acceleration at the Termination Shock: Voyager 1 and 2 Observations. AIP Conference Proceedings, 2008, , .	0.3	8
61	Foreshock, termination shock, and heliosheath: Voyager 1/2 observations of structure and turbulence. AIP Conference Proceedings, 2007, , .	0.3	3
62	Energetic Particles in the Jovian Magnetotail. Science, 2007, 318, 220-222.	6.0	50
63	Energetic electrons injected into Saturn's neutral gas cloud. Geophysical Research Letters, 2007, 34, .	1.5	46
64	Ring current at Saturn: Energetic particle pressure in Saturn's equatorial magnetosphere measured with Cassini/MIMI. Geophysical Research Letters, 2007, 34, .	1.5	79
65	Energetic particles during the first and third Ulysses southern highâ€latitude excursions: Probing global corotating interaction region structure beyond 5 AU. Journal of Geophysical Research, 2007, 112, .	3.3	12
66	The Analyzer of Space Plasmas and Energetic Atoms (ASPERA-3) for the Mars Express Mission. Space Science Reviews, 2007, 126, 113-164.	3.7	241
67	Statistical characteristics of hydrogen and oxygen ENA emission from the storm-time ring current. Journal of Geophysical Research, 2006, 111, .	3.3	21
68	Contribution of charge exchange loss to the storm time ring current decay: IMAGE/HENA observations. Journal of Geophysical Research, 2006, 111, .	3.3	30
69	Low-energy ions near the termination shock. AIP Conference Proceedings, 2006, , .	0.3	18
70	Heliosheath particles, anomalous cosmic rays and a possible â€œthird sourceâ€•of energetic ions. AIP Conference Proceedings, 2006, , .	0.3	6
71	Radial and Longitudinal Dependence of Solar 4â€“13 MeV and 27â€“37 MeV Proton Peak Intensities and Fluences:HeliosandIMP 8Observations. Astrophysical Journal, 2006, 653, 1531-1544.	1.6	99
72	Direct Measurements of Energetic Neutral Hydrogen in the Interplanetary Medium. Astrophysical Journal, 2006, 644, 1317-1325.	1.6	32

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73	Energetic Particle Observations. Space Science Reviews, 2006, 123, 217-250.	3.7	51
74	The Upper Limit on 3 He Fluence in Solar Energetic Particle Events. Astrophysical Journal, 2005, 621, L141-L144.	1.6	31
75	On the relation between electric fields in the inner magnetosphere, ring current, auroral conductance, and plasmapause motion. Geophysical Monograph Series, 2005, , 159-166.	0.1	6
76	The NUADU experiment on TC-2 and the first Energetic Neutral Atom (ENA) images recorded by this instrument. Annales Geophysicae, 2005, 23, 2825-2849.	0.6	10
77	First current density measurements in the ring current region using simultaneous multi-spacecraft CLUSTER-FGM data. Annales Geophysicae, 2005, 23, 1849-1865.	0.6	67
78	Electron pitch angle variations recorded at the high magnetic latitude boundary layer by the NUADU instrument on the TC-2 spacecraft. Annales Geophysicae, 2005, 23, 2953-2959.	0.6	1
79	Dynamics of Saturn's Magnetosphere from MIMI During Cassini's Orbital Insertion. Science, 2005, 307, 1270-1273.	6.0	166
80	Voyager 1 in the Foreshock, Termination Shock, and Heliosheath. Science, 2005, 309, 2020-2024.	6.0	405
81	Heliospheric energetic particle observations during the October-November 2003 events. Journal of Geophysical Research, 2005, 110, .	3.3	42
82	Energetic particle injections in Saturn's magnetosphere. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	109
83	Energetic ion acceleration in Saturn's magnetotail: Substorms at Saturn?. Geophysical Research Letters, 2005, 32, .	1.5	124
84	The Saturnian plasma sheet as revealed by energetic particle measurements. Geophysical Research Letters, 2005, 32, .	1.5	51
85	Periodic intensity variations in global ENA images of Saturn. Geophysical Research Letters, 2005, 32, .	1.5	71
86	Energetic Neutral Atom Emissions from Titan Interaction with Saturn's Magnetosphere. Science, 2005, 308, 989-992.	6.0	44
87	Pitch Angle Distributions of 0.6â€“1.8 MeV Protons Observed by Voyager 1 at 85â€“87 AU. AIP Conference Proceedings, 2004, , .	0.3	2
88	Magnetosphere Imaging Instrument (MIMI) on the Cassini Mission to Saturn/Titan. Space Science Reviews, 2004, 114, 233-329.	3.7	354
89	Low-energy particle response to CMEs during the Ulysses solar maximum northern polar passage. Journal of Geophysical Research, 2004, 109, .	3.3	28
90	Heliospheric energetic particle observations by the Cassini spacecraft: Correlation with 1 AU observations. Journal of Geophysical Research, 2004, 109, .	3.3	19

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91	Energetic neutral atoms from Jupiter measured with the Cassini magnetospheric imaging instrument: Time dependence and composition. Journal of Geophysical Research, 2004, 109, .	3.3	28
92	Energetic ion characteristics and neutral gas interactions in Jupiter's magnetosphere. Journal of Geophysical Research, 2004, 109, .	3.3	214
93	Retrieval of global magnetospheric ion distributions from high-energy neutral atom measurements made by the IMAGE/HENA instrument. Journal of Geophysical Research, 2004, 109, .	3.3	45
94	Suprathermal ions ahead of interplanetary shocks: New observations and critical instrumentation required for future space weather monitoring. Space Weather, 2004, 2, n/a-n/a.	1.3	11
95	Energetic neutral atoms from a trans-Europa gas torus at Jupiter. Nature, 2003, 421, 920-922.	13.7	116
96	Voyager 1 exited the solar wind at a distance of â^¼485â€‰au from the Sun. Nature, 2003, 426, 45-48.	13.7	170
97	CME-driven Coronal Shock Acceleration Of Energetic Electrons. AIP Conference Proceedings, 2003, , .	0.3	0
98	Composition Variations during Large Solar Energetic Particle Events. AIP Conference Proceedings, 2003, , .	0.3	0
99	ACE Observations of Energetic Particles Associated with Transient Interplanetary Shocks. AIP Conference Proceedings, 2003, , .	0.3	39
100	Interstellar Pathfinder â€" A Mission to the Inner Edge of the Interstellar Medium. AIP Conference Proceedings, 2003, , .	0.3	4
101	Solar cycle variations of the energetic H/He intensity ratio at high heliolatitudes and in the ecliptic plane. Annales Geophysicae, 2003, 21, 1229-1243.	0.6	10
102	The Acceleration and Release of Nearâ€relativistic Electrons by Coronal Mass Ejections. Astrophysical Journal, 2002, 579, 854-862.	1.6	87
103	On electron acceleration at CIR related shock waves. Astronomy and Astrophysics, 2002, 391, 749-756.	2.1	54
104	Global ENA observations of the storm mainphase ring current: Implications for skewed electric fields in the inner magnetosphere. Geophysical Research Letters, 2002, 29, 15-1-15-3.	1.5	92
105	IMAGE/high-energy energetic neutral atom: Global energetic neutral atom imaging of the plasma sheet and ring current during substorms. Journal of Geophysical Research, 2002, 107, SMP 21-1-SMP 21-13.	3.3	48
106	Solar cycle and geomagnetic N+1/O+1variation in outer dayside magnetosphere: Possible relation to topside ionosphere. Geophysical Research Letters, 2002, 29, 2-1-2-3.	1.5	17
107	Global IMAGE/HENA observations of the ring current: Examples of rapid response to IMF and ring current-plasmasphere interaction. Journal of Geophysical Research, 2002, 107, SMP 12-1.	3.3	53
108	Energetic neutral atom images of a narrow flow channel from the plasma sheet: Astrid-1 observations. Journal of Geophysical Research, 2002, 107, SMP 5-1.	3.3	10

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109	Imaging two geomagnetic storms in energetic neutral atoms. Geophysical Research Letters, 2001, 28, 1151-1154.	1.5	73
110	Charge exchange contribution to the decay of the ring current, measured by energetic neutral atoms (ENAs). Journal of Geophysical Research, 2001, 106, 1931-1937.	3.3	26
111	Observations of neutral atoms from the solar wind. Journal of Geophysical Research, 2001, 106, 24893-24906.	3.3	56
112	Energetic neutral atom imaging at low altitudes from the Swedish microsatellite Astrid: Observations at low (â‰10 keV) energies. Journal of Geophysical Research, 2001, 106, 24663-24674.	3.3	29
113	Global flows of energetic ions in Jupiter's equatorial plane: First-order approximation. Journal of Geophysical Research, 2001, 106, 26017-26032.	3.3	92
114	Particle Acceleration on the Sun and in the Heliosphere. Symposium - International Astronomical Union, 2001, 203, 547-554.	0.1	0
115	High-latitude Ulysses observations of the H/He intensity ratio under solar minimum and solar maximum conditions. AIP Conference Proceedings, 2001, , .	0.3	4
116	Energetic Electrons in3Heâ€Enhanced Solar Energetic Particle Events. Astrophysical Journal, 2001, 552, 863-870.	1.6	12
117	Two distinct plasma and energetic ion distributions within the June 1998 magnetic cloud. AIP Conference Proceedings, 2000, , .	0.3	5
118	Solar energetic particle propagation in 1997â€“99: Observations from ACE, Ulysses, and Voyagers 1 and 2. AIP Conference Proceedings, 2000, , .	0.3	3
119	A survey of 40â€“300 keV electron events with beam-like anisotropies. AIP Conference Proceedings, 2000, , .	0.3	0
120	Interplanetary magnetic field connection to the L1 Lagrangian orbit during upstream energetic ion events. Journal of Geophysical Research, 2000, 105, 25123-25131.	3.3	18
121	Low-charge-state heavy ions upstream of Earth's bow shock and sunward flux of ionospheric O+1, N+1, and O+2ions: Geotail observations. Geophysical Research Letters, 2000, 27, 2433-2436.	1.5	29
122	Galileo energetic particles detector measurements of hot ions in the neutral sheet region of Jupiter's magnetodisk. Geophysical Research Letters, 1999, 26, 5-8.	1.5	33
123	Energy spectra of 50-keV to 20-MeV protons accelerated at corotating interaction regions at Ulysses. Journal of Geophysical Research, 1999, 104, 6705-6719.	3.3	37
124	Corotating Particle Events. Space Science Reviews, 1998, 83, 215-258.	3.7	20
125	Galileo-measured depletion of near-Io hot ring current plasmas since the Voyager epoch. Journal of Geophysical Research, 1998, 103, 4715-4722.	3.3	33
126	Concurrent observations of solar wind oxygen by Geotail in the magnetosphere and wind in interplanetary space. Geophysical Research Letters, 1998, 25, 2987-2990.	1.5	10

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127	Inversion of plasmaspheric EUV remote sensing data from the STP 72-1 satellite. Journal of Geophysical Research, 1998, 103, 17505-17518.	3.3	17
128	Magnetospheric plasma regimes identified using Geotail measurements: 2. Statistics, spatial distribution, and geomagnetic dependence. Journal of Geophysical Research, 1998, 103, 23521-23542.	3.3	24
129	Magnetospheric plasma regimes identified using Geotail measurements: 1. Regime identification and distant tail variability. Journal of Geophysical Research, 1998, 103, 23503-23520.	3.3	20
130	Reappearance of recurrent low-energy particle events at Ulysses/HI-SCALE in the northern heliosphere. Journal of Geophysical Research, 1997, 102, 11251-11262.	3.3	26
131	Modeling the production and the imaging of energetic neutral atoms from Titan's exosphere. Journal of Geophysical Research, 1997, 102, 22169-22181.	3.3	26
132	Energetic particle signatures at Ganymede: Implications for Ganymede's magnetic field. Geophysical Research Letters, 1997, 24, 2163-2166.	1.5	66
133	First Composition Measurements of Energetic Neutral Atoms. Geophysical Research Letters, 1996, 23, 2641-2644.	1.5	54
134	Electron Beams and Ion Composition Measured at Io and in Its Torus. Science, 1996, 274, 401-403.	6.0	120
135	Low-energy interplanetary charged particles: Solar south pole to solar north pole and high heliolatitudes. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1996, 19, 927-933.	0.2	1
136	Detailed Observations of a Burst of Energetic Particles in the Deep Magnetotail by Geotail. Journal of Geomagnetism and Geoelectricity, 1996, 48, 649-656.	0.8	9
137	Reverse shock acceleration of electrons and protons at mid-heliolatitudes from 5.3-3.8 AU. Space Science Reviews, 1995, 72, 303-308.	3.7	53
138	IMF connection for energetic protons observed at Ulysses via mid-latitude solar wind rarefaction regions. Space Science Reviews, 1995, 72, 309-314.	3.7	14
139	Ulysses observations of a coronal origin particle event at 32ï¿½ south heliographic latitutde. Space Science Reviews, 1995, 72, 315-320.	3.7	10
140	Proton phase space densities (0.5eV<Ep<5MeV) at midlatitudes from Ulysses SWICS/HI-SCALE measurements. Space Science Reviews, 1995, 72, 321-326.	3.7	19
141	Co-rotating particle enhancements out of the ecliptic plane. Space Science Reviews, 1995, 72, 327-330.	3.7	32
142	Over the southern solar pole: low-energy interplanetary charged particles. Science, 1995, 268, 1010-1013.	6.0	22
143	Measurement of anomalous cosmic ray oxygen at heliolatitudes âˆ¼25Â° to âˆ¼64Â°. Geophysical Research Letters, 1995, 22, 333-336.	1.5	4
144	Coronal electron stream and langmuir wave detection inside a propagation channel at 4.3 AU. Journal of Geophysical Research, 1995, 100, 3369-3381.	3.3	16

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145	Differences between the 0.35-1.0 MeV/nucleon H/He ratio in solar and Co-rotating events at high heliolatitude. Geophysical Research Letters, 1995, 22, 3365-3368.	1.5	16
146	Growth and evolution of a plasmoid associated with a small, isolated substorm: IMP 8 and GEOTAIL measurements in the magnetotail. Geophysical Research Letters, 1995, 22, 3011-3014.	1.5	9
147	Entry of galactic electrons into the high latitude heliosphere. Geophysical Research Letters, 1995, 22, 3341-3344.	1.5	2
148	The propagation of sub-MeV solar electrons to heliolatitudes above 50Â°S. Geophysical Research Letters, 1995, 22, 3373-3376.	1.5	16
149	The structure and dynamics of the plasma sheet during the Galileo Earth-1 flyby. Geophysical Monograph Series, 1994, , 149-154.	0.1	0
150	Corotating particle enhancements out of the ecliptic plane. Geophysical Research Letters, 1994, 21, 1561-1564.	1.5	57
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152	Acceleration of interstellar pickup ions in the disturbed solar wind observed on Ulysses. Journal of Geophysical Research, 1994, 99, 17637.	3.3	230
153	Imaging neutral particle detector. International Journal of Remote Sensing, 1994, 8, 101-145.	1.1	10
154	Structured plasma sheet thinning observed by Galileo and 1984â€129. Journal of Geophysical Research, 1993, 98, 21323-21333.	3.3	6
155	The Hot Plasma Environment at Jupiter: Ulysses Results. Science, 1992, 257, 1518-1524.	6.0	67
156	The effect of the shock of 15:43 UT March 23, 1991 on 50 keV to 5 MeV ions at Ulysses. Geophysical Research Letters, 1992, 19, 1247-1250.	1.5	8
157	Lowâ€energy solar electrons and ions observed at Ulysses Februaryâ€April, 1991: The inner heliosphere as a particle reservoir. Geophysical Research Letters, 1992, 19, 1243-1246.	1.5	102
158	Reply [to â€œComment on â€˜Solar wind control of the magnetopause shape, location, and motionâ€™ by D. G. Sibeck, R. E. Lopez, and E. C. Roelofâ€¦. Journal of Geophysical Research, 1992, 97, 10879-10882.	3.3	8
159	Global magnetospheric imaging. Reviews of Geophysics, 1992, 30, 183-208.	9.0	139
160	Solar wind control of the magnetopause shape, location, and motion. Journal of Geophysical Research, 1991, 96, 5489-5495.	3.3	454
161	Energetic Particles at Venus: Galileo Results. Science, 1991, 253, 1525-1528.	6.0	17
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163	A major shockâ€associated energetic storm particle event wherein the shock plays a minor role. Journal of Geophysical Research, 1985, 90, 3981-3994.	3.3	19
164	Energetic neutral atoms (E â‰ˆ 50 keV) from the ring current: IMP 7/8 and ISEE 1. Journal of Geophysical Research, 1985, 90, 10991-11008.	3.3	159
165	Observations of upstream ions and lowâ€frequency waves on ISEE 3. Journal of Geophysical Research, 1983, 88, 85-95.	3.3	22
166	Dependence of 50â€keV upstream ion events at IMP 7&8 upon magnetic field bow shock geometry. Journal of Geophysical Research, 1983, 88, 5623-5634.	3.3	51
167	ISEE/IMP observations of simultaneous upstream ion events. Journal of Geophysical Research, 1983, 88, 5635-5644.	3.3	28
168	Solar wind iron abundance variations at speeds >600 km s^{â^'1}, 1972â€“1976. Journal of Geophysical Research, 1983, 88, 9059-9068.	3.3	19
169	Latitudinal and fieldâ€aligned cosmic ray gradients 2 to 5 AU Voyagers 1 and 2 and IMP 8. Journal of Geophysical Research, 1983, 88, 9889-9909.	3.3	22
170	Low-Energy Hot Plasma and Particles in Saturn's Magnetosphere. Science, 1982, 215, 571-577.	6.0	57
171	Thermal iron ions in high speed solar wind streams, 2. Temperatures and bulk velocities. Geophysical Research Letters, 1981, 8, 827-830.	1.5	20
172	Latitude dependence of solar wind velocity observed â‰³1 AU. Journal of Geophysical Research, 1981, 86, 165-179.	3.3	25
173	Interplanetary propagation of <1â€MeV protons in nonimpulsive energetic particle events. Journal of Geophysical Research, 1981, 86, 5449-5471.	3.3	24
174	Low-Energy Charged Particles in Saturn's Magnetosphere: Results from Voyager 1. Science, 1981, 212, 225-231.	6.0	90
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177	Z-rich solar particle event characteristics 1972-1976. Astrophysical Journal, 1978, 225, 281.	1.6	32
178	Solar wind, energetic particles, and coronal magnetic structure: The first year of solar cycle 20. Journal of Geophysical Research, 1977, 82, 2175-2186.	3.3	8
179	High coronal structure of high velocity solar wind stream sources. Solar Physics, 1977, 51, 459-471.	1.0	29
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