J T Gosling

List of Publications by Year
in descending order

376	32,258	2538 96	5663 162
papers	citations	h-index	g-index

384	384	384	4837
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The solar flare myth. Journal of Geophysical Research, 1993, 98, 18937-18949.	3.3	745
2	Evidence for magnetic field reconnection at the Earth's magnetopause. Journal of Geophysical Research, 1981, 86, 10049-10067.	3.3	671
3	Statistical characteristics of bursty bulk flow events. Journal of Geophysical Research, 1994, 99, 21257.	3.3	642
4	Plasma acceleration at the Earth's magnetopause: evidence for reconnection. Nature, 1979, 282, 243-246.	13.7	611
5	Geomagnetic activity associated with earth passage of interplanetary shock disturbances and coronal mass ejections. Journal of Geophysical Research, 1991, 96, 7831-7839.	3.3	562
6	Coronal mass ejections and magnetic flux ropes in interplanetary space. Geophysical Monograph Series, 1990, , 343-364.	0.1	475
7	Bidirectional solar wind electron heat flux events. Journal of Geophysical Research, 1987, 92, 8519-8535.	3.3	459
8	Cassini Plasma Spectrometer Investigation. Space Science Reviews, 2004, 114, 1-112.	3.7	452
9	The association of coronal mass ejection transients with other forms of solar activity. Solar Physics, 1979, 61, 201-215.	1.0	437
10	Solar wind observations over Ulysses' first full polar orbit. Journal of Geophysical Research, 2000, 105, 10419-10433.	3.3	421
11	Electron velocity distributions near the Earth's bow shock. Journal of Geophysical Research, 1983, 88, 96-110.	3.3	396
12	Weaker solar wind from the polar coronal holes and the whole Sun. Geophysical Research Letters, 2008, 35, .	1.5	390
13	Plasma and magnetic field characteristics of magnetic flux transfer events. Journal of Geophysical Research, 1982, 87, 2159-2168.	3.3	363
14	Mass ejections from the Sun: A view from Skylab. Journal of Geophysical Research, 1974, 79, 4581-4587.	3.3	352
15	Evolution of ion distributions across the nearly perpendicular bow shock: Specularly and nonâ€specularly reflectedâ€gyrating ions. Journal of Geophysical Research, 1983, 88, 6121-6136.	3.3	326
16	The speeds of coronal mass ejection events. Solar Physics, 1976, 48, 389-397.	1.0	321
17	Direct evidence for magnetic reconnection in the solar wind near 1 AU. Journal of Geophysical Research, 2005, 110, .	3.3	318
18	Observations of two distinct populations of bow shock ions in the upstream solar wind. Geophysical Research Letters, 1978, 5, 957-960.	1.5	305

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19	Ulysses solar wind plasma observations from pole to pole. Geophysical Research Letters, 1995, 22, 3301-3304.	1.5	291
20	Composition and Dynamics of Plasma in Saturn's Magnetosphere. Science, 2005, 307, 1262-1266.	6.0	281
21	A magnetic reconnection X-line extending more than 390 Earth radii in the solar wind. Nature, 2006, 439, 175-178.	13.7	281
22	Solar wind stream interfaces. Journal of Geophysical Research, 1978, 83, 1401-1412.	3.3	266
23	Solar wind helium and hydrogen structure near the heliospheric current sheet: A signal of coronal streamers at 1 AU. Journal of Geophysical Research, 1981, 86, 4565-4573.	3.3	261
24	Coronal streamers in the solar wind at 1 AU. Journal of Geophysical Research, 1981, 86, 5438-5448.	3.3	260
25	STEREO IMPACT Investigation Goals, Measurements, and Data Products Overview. Space Science Reviews, 2008, 136, 117-184.	3.7	257
26	Structure of the magnetotail at 220 R_E and its response to geomagnetic activity. Geophysical Research Letters, 1984, 11, 5-7.	1.5	256
27	Ulysses' return to the slow solar wind. Geophysical Research Letters, 1998, 25, 1-4.	1.5	250
28	Three-dimensional magnetic reconnection and the magnetic topology of coronal mass ejection events. Geophysical Research Letters, 1995, 22, 869-872.	1.5	249
29	Interplanetary ions during an energetic storm particle event: The distribution function from solar wind thermal energies to 1.6 MeV. Journal of Geophysical Research, 1981, 86, 547-554.	3.3	245
30	Observations of reconnection of interplanetary and lobe magnetic field lines at the highâ€latitude magnetopause. Journal of Geophysical Research, 1991, 96, 14097-14106.	3.3	239
31	The three-dimensional solar wind around solar maximum. Geophysical Research Letters, 2003, 30, n/a-n/a.	1.5	239
32	Plasma flow reversals at the dayside magnetopause and the origin of asymmetric polar cap convection. Journal of Geophysical Research, 1990, 95, 8073-8084.	3.3	230
33	Coronal mass ejections and large geomagnetic storms. Geophysical Research Letters, 1990, 17, 901-904.	1.5	229
34	Characteristics of reflected and diffuse ions upstream from the Earth's bow shock. Journal of Geophysical Research, 1981, 86, 4355-4364.	3.3	227
35	Magnetospheric plasma analyzer for spacecraft with constrained resources. Review of Scientific Instruments, 1993, 64, 1026-1033.	0.6	225
36	Association of lowâ€frequency waves with suprathermal ions in the upstream solar wind. Geophysical Research Letters, 1979, 6, 209-212.	1.5	215

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37	Reducing heliospheric magnetic flux from coronal mass ejections without disconnection. Journal of Geophysical Research, 2002, 107, SSH 3-1-SSH 3-5.	3.3	214
38	Anomalously low proton temperatures in the solar wind following interplanetary shock waves-evidence for magnetic bottles?. Journal of Geophysical Research, 1973, 78, 2001-2009.	3.3	208
39	The Outer Solar Corona as Observed from Skylab: Preliminary Results. Astrophysical Journal, 1974, 187, L85.	1.6	191
40	Substorm associated traveling compression regions in the distant tail: Iseeâ€3 Geotail observations. Geophysical Research Letters, 1984, 11, 657-660.	1.5	190
41	Evidence for specularly reflected ions upstream from the quasiâ€parallel bow shock. Geophysical Research Letters, 1982, 9, 1333-1336.	1.5	188
42	Ulysses observations of a recurrent high speed solar wind stream and the heliomagnetic streamer belt. Geophysical Research Letters, 1993, 20, 2323-2326.	1.5	188
43	Comet Giacobini-Zinner: Plasma Description. Science, 1986, 232, 356-361.	6.0	185
44	Ulysses Solar Wind Plasma Observations at High Southerly Latitudes. Science, 1995, 268, 1030-1033.	6.0	185
45	Extremely high speed solar wind: 29â€“30 October 2003. Journal of Geophysical Research, 2004, 109, .	3.3	185
46	The electron edge of low latitude boundary layer during accelerated flow events. Geophysical Research Letters, 1990, 17, 1833-1836.	1.5	184
47	ISEE plasma observations near the subsolar magnetopause. Space Science Reviews, 1978, 22, 717-737.	3.7	178
48	Characteristics of ion flow in the quiet state of the inner plasma sheet. Geophysical Research Letters, 1993, 20, 1711-1714.	1.5	177
49	Observations of gyrating ions in the foot of the nearly perpendicular bow shock. Geophysical Research Letters, 1982, 9, 881-884.	1.5	170
50	Hot, diamagnetic cavities upstream from the Earth's bow shock. Journal of Geophysical Research, 1986, 91, 2961-2973.	3.3	169
51	Solar wind structure at large heliocentric distances: An interpretation of Pioneer 10 observations. Journal of Geophysical Research, 1976, 81, 1436-1440.	3.3	168
52	Solar wind speed variations: 1962-1974. Journal of Geophysical Research, 1976, 81, 5061-5070.	3.3	167
53	Field line draping about fast coronal mass ejecta: A source of strong outâ€ofâ€theâ€ecliptic interplanetary magnetic fields. Geophysical Research Letters, 1987, 14, 355-358.	1.5	163
54	COROTATING AND TRANSIENT SOLAR WIND FLOWS IN THREE DIMENSIONS. Annual Review of Astronomy and Astrophysics, 1996, 34, 35-73.	8.1	163

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55	Evidence for a structure-free state at high solar wind speeds. Journal of Geophysical Research, 1977, 82, 1487-1492.	3.3	162
56	Magnetospheric plasma analyzer: Initial threeâ€spacecraft observations from geosynchronous orbit. Journal of Geophysical Research, 1993, 98, 13453-13465.	3.3	159
57	The electromagnetic ion beam instability upstream of the Earth's bow shock. Journal of Geophysical Research, 1981, 86, 6691-6696.	3.3	156
58	The resolved layer of a collisionless, high Î², supercritical, quasiâ€perpendicular shock wave: 1. Rankineâ€Hugoniot geometry, currents, and stationarity. Journal of Geophysical Research, 1986, 91, 11019-11052.	3.3	156
59	Solar wind stream evolution at large heliocentric distances: Experimental demonstration and the test of a model. Journal of Geophysical Research, 1976, 81, 2111-2122.	3.3	155
60	On the high correlation between long-term averages of solar wind speed and geomagnetic activity. Journal of Geophysical Research, 1977, 82, 1933-1937.	3.3	155
61	Multiple heliospheric current sheets and coronal streamer belt dynamics. Journal of Geophysical Research, 1993, 98, 9371-9381.	3.3	152
62	Relationships between coronal mass ejection speeds from coronagraph images and interplanetary characteristics of associated interplanetary coronal mass ejections. Journal of Geophysical Research, 1999, 104, 12515-12523.	3.3	151
63	Latitudinal variation of solar wind corotating stream interaction regions: Ulysses. Geophysical Research Letters, 1993, 20, 2789-2792.	1.5	148
64	Evidence for quasiâ€stationary reconnection at the dayside magnetopause. Journal of Geophysical Research, 1982, 87, 2147-2158.	3.3	146
65	Ion and electron heating at collisionless shocks near the critical Mach number. Journal of Geophysical Research, 1985, 90, 137-148.	3.3	145
66	Longâ€term variations of selected solar wind properties: Imp 6, 7, and 8 results. Journal of Geophysical Research, 1978, 83, 2177-2189.	3.3	143
67	Helium abundance enhancements in the solar wind. Journal of Geophysical Research, 1982, 87, 7370-7378.	3.3	142
68	Compressions and rarefactions in the solar wind: Vela 3. Journal of Geophysical Research, 1972, 77, 5442-5454.	3.3	139
69	Evidence for slowâ€mode shocks in the deep geomagnetic tail. Geophysical Research Letters, 1984, 11, 599-602.	1.5	134
70	Accelerated plasma flows at the nearâ€tail magnetopause. Journal of Geophysical Research, 1986, 91, 3029-3041.	3.3	132
71	THE DEPENDENCE OF MAGNETIC RECONNECTION ON PLASMA Î² AND MAGNETIC SHEAR: EVIDENCE FROM SOLAR WIND OBSERVATIONS. Astrophysical Journal Letters, 2010, 719, L199-L203.	3.0	130
72	Structure and properties of the subsolar magnetopause for northward IMF: ISEE observations. Journal of Geophysical Research, 1990, 95, 6375-6387.	3.3	129

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73	An analysis of shock wave disturbances observed at 1 AU from 1971 through 1978. Journal of Geophysical Research, 1982, 87, 4365-4373.	3.3	126
74	Ulysses at 50Â° south: constant immersion in the high-speed solar wind. Geophysical Research Letters, 1994, 21, 1105-1108.	1.5	126
75	Evolution of the Earth's distant magnetotail: ISEE 3 electron plasma results. Journal of Geophysical Research, 1984, 89, 11007-11012.	3.3	125
76	Ion reflection, gyration, and dissipation at supercritical shocks. Geophysical Monograph Series, 1985, , 141-152.	0.1	123
77	Magnetic Reconnection in the Solar Wind. Space Science Reviews, 2012, 172, 187-200.	3.7	122
78	Electron Heating Within the Earth's Bow Shock. Physical Review Letters, 1982, 49, 199-201.	2.9	120
79	A new class of forward-reverse shock pairs in the solar wind. Geophysical Research Letters, 1994, 21, 2271-2274.	1.5	119
80	Understanding Interplanetary Coronal Mass Ejection Signatures. Space Science Reviews, 2006, 123, 177-216.	3.7	119
81	Bulk properties of the slow and fast solar wind and interplanetary coronal mass ejections measured by Ulysses: Three polar orbits of observations. Journal of Geophysical Research, 2009, 114, .	3.3	117
82	Slowâ€mode shocks: A semipermanent feature of the distant geomagnetic tail. Journal of Geophysical Research, 1985, 90, 233-240.	3.3	114
83	Solar wind heavy ions from flare-heated coronal plasma. Solar Physics, 1979, 62, 179-201.	1.0	112
84	Electron heat flux dropouts in the solar wind: Evidence for interplanetary magnetic field reconnection?. Journal of Geophysical Research, 1989, 94, 6907-6916.	3.3	111
85	The dependence of magnetic reconnection on plasma Î² and magnetic shear: Evidence from magnetopause observations. Geophysical Research Letters, 2013, 40, 11-16.	1.5	109
86	Frequency of coronal transients and solar activity. Solar Physics, 1976, 48, 127-135.	1.0	108
87	Model of electron and ion distributions in the plasma sheet boundary layer. Journal of Geophysical Research, 1991, 96, 20999-21011.	3.3	108
88	Plasma electron signature of magnetic connection to the Earth's bow shock: ISEE 3. Journal of Geophysical Research, 1982, 87, 632-642.	3.3	106
89	The solar origins of solar wind interstream flows: Nearâ€equatorial coronal streamers. Journal of Geophysical Research, 1981, 86, 5408-5416.	3.3	105
90	Observations of Magnetic Reconnection in the Turbulent High-Speed Solar Wind. Astrophysical Journal, 2007, 671, L73-L76.	1.6	105

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91	Plasma regimes in the deep geomagnetic tail: ISEE 3. Geophysical Research Letters, 1983, 10, 912-915.	1.5	103
92	On the origin of hot diamagnetic cavities near the Earth's bow shock. Journal of Geophysical Research, 1988, 93, 11311-11325.	3.3	103
93	Counterstreaming electrons in magnetic clouds. Journal of Geophysical Research, 2000, 105, 27261-27268.	3.3	102
94	Solar cycle evolution of high-speed solar wind streams. Astrophysical Journal, 1976, 207, 977.	1.6	102
95	Electron bulk heating in magnetic reconnection at Earth's magnetopause: Dependence on the inflow AlfvÃ©n speed and magnetic shear. Geophysical Research Letters, 2013, 40, 4475-4480.	1.5	101
96	Cold ion beams in the low latitude boundary layer during accelerated flow events. Geophysical Research Letters, 1990, 17, 2245-2248.	1.5	99
97	MMS observations of electronâ€scale filamentary currents in the reconnection exhaust and near the X line. Geophysical Research Letters, 2016, 43, 6060-6069.	1.5	99
98	Steepened magnetosonic waves at comet Giacobiniâ€Zinner. Journal of Geophysical Research, 1987, 92, 11074-11082.	3.3	98
99	Electron velocity distributions near interplantary shocks. Journal of Geophysical Research, 1983, 88, 9949-9958.	3.3	96
100	Observations of the density profile in the magnetosheath near the stagnation streamline. Geophysical Research Letters, 1990, 17, 2035-2038.	1.5	96
101	Evidence for magnetic reconnection initiated in the magnetosheath. Geophysical Research Letters, 2007, 34, .	1.5	95
102	Northâ€south and dawnâ€dusk plasma asymmetries in the distant tail lobes: ISEE 3. Journal of Geophysical Research, 1985, 90, 6354-6360.	3.3	94
103	A forward-reverse shock pair in the solar wind driven by over-expansion of a coronal mass ejection: Ulysses observations. Geophysical Research Letters, 1994, 21, 237-240.	1.5	93
104	Suprathermal electrons at Earth's bow shock. Journal of Geophysical Research, 1989, 94, 10011-10025.	3.3	92
105	Noncompressive density enhancements in the solar wind. Journal of Geophysical Research, 1977, 82, 5005-5010.	3.3	90
106	Ulysses observation of a noncoronal mass ejection flux rope: Evidence of interplanetary magnetic reconnection. Journal of Geophysical Research, 1995, 100, 19903.	3.3	90
107	Ulysses' second fast-latitude scan: Complexity near solar maximum and the reformation of polar coronal holes. Geophysical Research Letters, 2002, 29, 4-1-4-4.	1.5	90
108	The large coronal transient of 10 June 1973. Solar Physics, 1975, 42, 163-177.	1.0	88

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109	Biâ€directional streaming of solar wind electrons >80 eV: ISEE evidence for a closedâ€field structure within the driver gas of an interplanetary shock. Geophysical Research Letters, 1981, 8, 173-176.	1.5	88
110	ISEEâ€1 and â€2 observations of laminar bow shocks: Velocity and thickness. Geophysical Research Letters, 1982, 9, 1171-1174.	1.5	88
111	Characteristic electron variations across simple highâ€speed solar wind streams. Journal of Geophysical Research, 1978, 83, 5285-5295.	3.3	86
112	Overexpanding coronal mass ejections at high heliographic latitudes: Observations and simulations. Journal of Geophysical Research, 1998, 103, 1941-1954.	3.3	86
113	High-speed solar wind flow parameters at 1 AU. Journal of Geophysical Research, 1976, 81, 5054-5060.	3.3	85
114	ISEE observations of low-latitude boundary layer for northward interplanetary magnetic field: Implications for cusp reconnection. Journal of Geophysical Research, 1996, 101, 27239-27249.	3.3	85
115	Satellite observations of interplanetary shock waves. Journal of Geophysical Research, 1968, 73, 43-50.	3.3	84
116	Magnetic pulsations at the quasiâ€parallel shock. Journal of Geophysical Research, 1990, 95, 957-966.	3.3	84
117	Coronal Mass Ejections: An Overview. Geophysical Monograph Series, 0, , 9-16.	0.1	84
118	Direct observations of a flare related coronal and solar wind disturbance. Solar Physics, 1975, 40, 439-448.	1.0	83
119	Jupiter's Magnetosphere: Plasma Description from the Ulysses Flyby. Science, 1992, 257, 1539-1543.	6.0	82
120	Large amplitude, low frequency plasma fluctuations at comet Giacobiniâ€Zinner. Geophysical Research Letters, 1986, 13, 267-270.	1.5	81
121	Counterstreaming suprathermal electron events upstream of corotating shocks in the solar wind beyond â^¼2 Au: Ulysses. Geophysical Research Letters, 1993, 20, 2335-2338.	1.5	81
122	Magnetic disconnection from the Sun: Observations of a reconnection exhaust in the solar wind at the heliospheric current sheet. Geophysical Research Letters, 2005, 32, .	1.5	81
123	Prevalence of magnetic reconnection at small field shear angles in the solar wind. Geophysical Research Letters, 2007, 34, .	1.5	81
124	White light and radio studies of the coronal transient of 14?15 September 1973. Solar Physics, 1976, 49, 369-394.	1.0	80
125	Solar wind electron halo depletions at 90Â° pitch angle. Geophysical Research Letters, 2001, 28, 4155-4158.	1.5	80
126	Solar wind speed distributions: 1962-1970. Journal of Geophysical Research, 1971, 76, 1811-1815.	3.3	79

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127	Magnetic clouds at sector boundaries. Journal of Geophysical Research, 1998, 103, 301-306.	3.3	79
128	A test of magnetic field draping induced B_z perturbations ahead of fast coronal mass ejecta. Journal of Geophysical Research, 1989, 94, 1465-1471.	3.3	78
129	Structure and properties of the subsolar magnetopause for northward interplanetary magnetic field: Multipleâ€instrument particle observations. Journal of Geophysical Research, 1993, 98, 11319-11337.	3.3	78
130	3-D Simulation of high-latitude interaction regions: Comparison with Ulysses results. Geophysical Research Letters, 1994, 21, 2063-2066.	1.5	78
131	A twoâ€dimensional simulation of the radial and latitudinal evolution of a solar wind disturbance driven by a fast, highâ€pressure coronal mass ejection. Journal of Geophysical Research, 1997, 102, 14677-14685.	3.3	78
132	A prolonged He+enhancement within a coronal mass ejection in the solar wind. Geophysical Research Letters, 1999, 26, 161-164.	1.5	78
133	Gyrating ions and largeâ€amplitude monochromatic MHD waves upstream of the Earth's bow shock. Journal of Geophysical Research, 1985, 90, 267-273.	3.3	76
134	Ion reflection and downstream thermalization at the quasiâ€parallel bow shock. Journal of Geophysical Research, 1989, 94, 10027-10037.	3.3	76
135	Bifurcated current sheets produced by magnetic reconnection in the solar wind. Journal of Geophysical Research, 2008, 113, .	3.3	76
136	Specularly reflected ions, shock foot thicknesses, and shock velocity determinations in space. Journal of Geophysical Research, 1985, 90, 9893-9896.	3.3	75
137	Vela 2 measurements of the magnetopause and bow shock positions. Journal of Geophysical Research, 1967, 72, 101.	3.3	74
138	Discontinuities in the solar wind associated with sudden geomagnetic impulses and storm commencements. Journal of Geophysical Research, 1967, 72, 3357-3363.	3.3	74
139	Interplanetary magnetic field draping about fast coronal mass ejecta in the outer heliosphere. Journal of Geophysical Research, 1988, 93, 2519-2526.	3.3	74
140	Ion bulk heating in magnetic reconnection exhausts at Earth's magnetopause: Dependence on the inflow AlfvÃ©n speed and magnetic shear angle. Geophysical Research Letters, 2014, 41, 7002-7010.	1.5	73
141	Gyrating and intermediate ion distributions upstream from the Earth's bow shock. Journal of Geophysical Research, 1986, 91, 91-99.	3.3	72
142	Largeâ€scale inhomogeneities in the solar wind of solar origin. Reviews of Geophysics, 1975, 13, 1053-1058.	9.0	71
143	Plasma entry into the distant tail lobes: ISEEâ€3. Geophysical Research Letters, 1984, 11, 1078-1081.	1.5	71
144	Correlated dynamical changes in the nearâ€Earth and distant magnetotail regions: ISEE 3. Journal of Geophysical Research, 1984, 89, 3855-3864.	3.3	71

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145	The band of solar wind variability at low heliographic latitudes near solar activity minimum: Plasma results from the Ulysses rapid latitude scan. Geophysical Research Letters, 1995, 22, 3329-3332.	1.5	71
146	Absence of energetic particle effects associated with magnetic reconnection exhausts in the solar wind. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	71
147	MAGNETIC RECONNECTION IN THE SOLAR WIND AT CURRENT SHEETS ASSOCIATED WITH EXTREMELY SMALL FIELD SHEAR ANGLES. Astrophysical Journal Letters, 2013, 763, L39.	3.0	71
148	Direct evidence for prolonged magnetic reconnection at a continuous x-line within the heliospheric current sheet. Geophysical Research Letters, 2007, 34, .	1.5	70
149	Observational test of hot flow anomaly formation by the interaction of a magnetic discontinuity with the bow shock. Journal of Geophysical Research, 1993, 98, 15319-15330.	3.3	69
150	A CMEâ€driven solar wind disturbance observed at both low and high heliographic latitudes. Geophysical Research Letters, 1995, 22, 1753-1756.	1.5	69
151	The topology of intrasector reversals of the interplanetary magnetic field. Journal of Geophysical Research, 1996, 101, 24373-24382.	3.3	69
152	Multiple magnetic reconnection sites associated with a coronal mass ejection in the solar wind. Journal of Geophysical Research, 2007, 112, .	3.3	69
153	Measurements of the interplanetary solar wind during the large geomagnetic storm of April 17-18, 1965. Journal of Geophysical Research, 1967, 72, 1813-1821.	3.3	68
154	A ONE-SIDED ASPECT OF ALFVENIC FLUCTUATIONS IN THE SOLAR WIND. Astrophysical Journal, 2009, 695, L213-L216.	1.6	68
155	Radial evolution of solar wind thermal electron distributions due to expansion and collisions. Journal of Geophysical Research, 1990, 95, 4217-4228.	3.3	67
156	The sources of material comprising a mass ejection coronal transient. Solar Physics, 1975, 45, 363-376.	1.0	66
157	Multiple spacecraft observations of interplanetary shocks: ISEE threeâ€dimensional plasma measurements. Journal of Geophysical Research, 1983, 88, 9941-9947.	3.3	66
158	Correlation between the He/H ratios in upstream particle events and in the solar wind. Journal of Geophysical Research, 1984, 89, 1501-1507.	3.3	66
159	Petschekâ€Type Reconnection Exhausts in the Solar Wind Well beyond 1 AU:Ulysses. Astrophysical Journal, 2006, 644, 613-621.	1.6	66
160	Electron distributions in the plasma sheet boundary layer: Timeâ€ofâ€flight effects. Geophysical Research Letters, 1990, 17, 1837-1840.	1.5	65
161	Coronal mass ejections: The link between solar and geomagnetic activity*. Physics of Fluids B, 1993, 5, 2638-2645.	1.7	65
162	Strong electron heating at the Earth's bow shock. Journal of Geophysical Research, 1987, 92, 10119-10124.	3.3	64

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163	Helium energetics in the high-latitude solar wind: Ulysses observations. Journal of Geophysical Research, 2001, 106, 5693-5708.	3.3	64
164	Prevalence of extended reconnection Xâ€lines in the solar wind at 1 AU. Geophysical Research Letters, 2009, 36, .	1.5	64
165	Counterstreaming solar wind halo electron events: Solar cycle variations. Journal of Geophysical Research, 1992, 97, 6531-6535.	3.3	63
166	On the noncoplanarity of the magnetic field within a fast collisionless shock. Journal of Geophysical Research, 1987, 92, 2305-2314.	3.3	62
167	Detection of oppositely directed reconnection jets in a solar wind current sheet. Geophysical Research Letters, 2006, 33, .	1.5	62
168	Structures in the polar solar wind: Plasma and field observations from Ulysses. Journal of Geophysical Research, 1995, 100, 19893.	3.3	61
169	The relationship between large-scale solar magnetic field evolution and coronal mass ejections. Journal of Geophysical Research, 1998, 103, 6585-6593.	3.3	61
170	Solar wind Halo electrons from 1â€“4 AU. Geophysical Research Letters, 1992, 19, 1291-1294.	1.5	59
171	The origins of planar magnetic structures in the solar wind. Journal of Geophysical Research, 1993, 98, 9383-9389.	3.3	59
172	Ulysses' rapid crossing of the polar coronal hole boundary. Journal of Geophysical Research, 1998, 103, 1955-1967.	3.3	58
173	An improved expected temperature formula for identifying interplanetary coronal mass ejections. Journal of Geophysical Research, 2005, 110, .	3.3	58
174	The warped neutral sheet and plasma sheet in the nearâ€Earth geomagnetic tail. Journal of Geophysical Research, 1986, 91, 7093-7099.	3.3	57
175	Ulysses observations of the irregularly structured mid-latitude solar wind during the approach to solar maximum. Geophysical Research Letters, 2000, 27, 2437-2440.	1.5	57
176	On the origin of radial magnetic fields in the heliosphere. Journal of Geophysical Research, 2002, 107, SSH 19-1.	3.3	57
177	Solar-wind speed variations 1964-1967: An autocorrelation analysis. Journal of Geophysical Research, 1972, 77, 12-26.	3.3	56
178	The acceleration of slow coronal mass ejections in the high-speed solar wind. Geophysical Research Letters, 1996, 23, 2867-2870.	1.5	56
179	Geomagnetic activity and the beta dependence of the dayside reconnection rate. Journal of Geophysical Research, 1994, 99, 14811.	3.3	55
180	Solar wind corotating stream interaction regions out of the ecliptic plane: Ulysses. Space Science Reviews, 1995, 72, 99-104.	3.7	55

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181	Solar electron bursts at very low energies: Evidence for acceleration in the high corona?. Geophysical Research Letters, 2003, 30, .	1.5	55
182	Evidence for ion jets in the highâ€speed solar wind. Journal of Geophysical Research, 1993, 98, 5593-5605.	3.3	54
183	Evidence for double injections in scatter-free solar impulsive electron events. Geophysical Research Letters, 2006, 33, .	1.5	53
184	Five spacecraft observations of oppositely directed exhaust jets from a magnetic reconnection Xâ€line extending > 4.26 Ã— 10⁶ km in the solar wind at 1 AU. Geophysical Research Letters, 2007, 34, .	1.5	53
185	Interplanetary magnetic flux: Measurement and balance. Journal of Geophysical Research, 1992, 97, 171-177.	3.3	52
186	A statistical study of accelerated flow events at the dayside magnetopause. Journal of Geophysical Research, 1994, 99, 14815.	3.3	52
187	Solar wind streamer belt structure. Journal of Geophysical Research, 1996, 101, 24331-24341.	3.3	52
188	Petschek-type magnetic reconnection exhausts in the solar wind well inside 1 AU: Helios. Journal of Geophysical Research, 2006, 111, .	3.3	52
189	A numerical study of the evolution of the solar wind from Ulysses to Voyager 2. Journal of Geophysical Research, 2000, 105, 2337-2344.	3.3	51
190	Encounter of theUlyssesSpacecraft with the Ion Tail of Comet McNaught. Astrophysical Journal, 2007, 667, 1262-1266.	1.6	51
191	Magnetosheath density fluctuations and magnetopause motion. Journal of Geophysical Research, 1996, 101, 31-40.	3.3	50
192	Observational evidence on the origin of ions upstream of the Earth's bow shock. Journal of Geophysical Research, 1983, 88, 7843-7852.	3.3	49
193	Thin current sheets in the deep geomagnetic tail. Geophysical Research Letters, 1993, 20, 2427-2430.	1.5	49
194	Threeâ€dimensional interaction of interplanetary shock waves with the bow shock and magnetopause: A comparison of theory with ISEE observations. Journal of Geophysical Research, 1981, 86, 5590-5600.	3.3	48
195	He⁺ and other unusual ions in the solar wind: A systematic search covering 1972â€“1980. Journal of Geophysical Research, 1982, 87, 7379-7388.	3.3	48
196	Solar wind electron characteristics inside and outside coronal mass ejections. Journal of Geophysical Research, 2000, 105, 23069-23084.	3.3	48
197	Survey of coherent ion reflection at the quasiâ€parallel bow shock. Journal of Geophysical Research, 1990, 95, 2261-2271.	3.3	47
198	The northern edge of the band of solar wind variability: Ulysses at â¼4.5 AU. Geophysical Research Letters, 1997, 24, 309-312.	1.5	47

#	Article	IF	Citations
199	Ulysses observations of very different heliospheric structure during the declining phase of solar activity cycle 23. Geophysical Research Letters, 2006, 33, .	1.5	47
200	PULSED ALFVÃ‰N WAVES IN THE SOLAR WIND. Astrophysical Journal Letters, 2011, 737, L35.	3.0	46
201	Shockâ€associated energetic proton events at large heliocentric distances. Journal of Geophysical Research, 1978, 83, 2037-2046.	3.3	45
202	Fast shocks at the edges of hot diamagnetic cavities upstream from the Earth's bow shock. Journal of Geophysical Research, 1987, 92, 3187-3194.	3.3	44
203	The eastward deflection of fast coronal mass ejecta in interplanetary space. Journal of Geophysical Research, 1987, 92, 12399-12406.	3.3	44
204	Anisotropic thermal electron distributions in the solar wind. Journal of Geophysical Research, 1989, 94, 6563-6579.	3.3	44
205	Twoâ€state ion heating at quasiâ€parallel shocks. Journal of Geophysical Research, 1990, 95, 6363-6374.	3.3	44
206	Properties of high-latitude CME-driven disturbances during Ulysses second northern polar passage. Geophysical Research Letters, 2003, 30, .	1.5	44
207	Strong electron bidirectional anisotropies in the distant tail: ISEE 3 observations of polar rain. Journal of Geophysical Research, 1986, 91, 5637-5662.	3.3	43
208	Electron generation of electrostatic waves in the plasma sheet boundary layer. Journal of Geophysical Research, 1993, 98, 15509-15519.	3.3	43
209	Magnetic reconnection ahead of a coronal mass ejection. Geophysical Research Letters, 1994, 21, 1751-1754.	1.5	43
210	Intercomparison of NEAR and Wind interplanetary coronal mass ejection observations. Journal of Geophysical Research, 1999, 104, 28217-28223.	3.3	43
211	Protons and alpha particles in fieldâ€aligned beams upstream of the bow shock. Geophysical Research Letters, 1988, 15, 1153-1156.	1.5	42
212	Observations of a new class of upstream waves with periods near 3 seconds. Journal of Geophysical Research, 1992, 97, 2917-2925.	3.3	42
213	A TORSIONAL ALFVÃ‰N WAVE EMBEDDED WITHIN A SMALL MAGNETIC FLUX ROPE IN THE SOLAR WIND. Astrophysical Journal Letters, 2010, 719, L36-L40.	3.0	42
214	An unusual aspect of solar wind speed variations during solar cycle 20. Journal of Geophysical Research, 1977, 82, 3311-3314.	3.3	41
215	Suprathermal ions upstream from interplanetary shocks. Journal of Geophysical Research, 1984, 89, 5409-5418.	3.3	41
216	Effects of a long entrance aperture upon the azimuthal response of spherical section electrostatic analyzers. Review of Scientific Instruments, 1978, 49, 1260-1268.	0.6	40

#	Article	IF	Citations
217	The speeds of coronal mass ejections in the solar wind at mid heliographic latitudes: Ulysses. Geophysical Research Letters, 1994, 21, 1109-1112.	1.5	40
218	Radial variation of solar wind electrons inside a magnetic cloud observed at 1 and 5 AU. Journal of Geophysical Research, 2000, 105, 27269-27275.	3.3	40
219	On the source of diffuse, suprathermal ions observed in the vicinity of the Earth's bow shock. Journal of Geophysical Research, 1989, 94, 3555-3563.	3.3	39
220	Observation of a Complex Solar Wind Reconnection Exhaust from Spacecraft Separated by over 1800 R E. Solar Physics, 2009, 256, 379-392.	1.0	39
221	A bubblelike coronal mass ejection flux rope in the solar wind. Geophysical Monograph Series, 1990, , 365-371.	0.1	38
222	Slowdown of the Solar Wind in the Outer Heliosphere and the Interstellar Neutral Hydrogen Density. Geophysical Research Letters, 2000, 27, 2429-2432.	1.5	38
223	Suprathermal electrons in high-speed streams from coronal holes: Counterstreaming on open field lines at 1 AU. Journal of Geophysical Research, 2005, 110, .	3.3	38
224	The comet/solar wind transition region at Giacobiniâ€Zinner. Geophysical Research Letters, 1986, 13, 393-396.	1.5	37
225	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
226	Large-scale dynamical effects upon the solar wind flow parameters. Journal of Geophysical Research, 1973, 78, 6469-6479.	3.3	36
227	Ulysses solar wind observations to 56ï¿½ south. Space Science Reviews, 1995, 72, 93-98.	3.7	36
228	Observations of magnetic reconnection at the lobe magnetopause. Journal of Geophysical Research, 1996, 101, 24765-24773.	3.3	35
229	Helium abundance variations in the solar wind. Solar Physics, 1983, 83, 367-378.	1.0	34
230	Interplanetary magnetic field orientations associated with bidirectional electron heat fluxes detected at ISEE 3. Journal of Geophysical Research, 1988, 93, 1975-1980.	3.3	34
231	Density extremes in the solar wind. Geophysical Research Letters, 2000, 27, 3769-3772.	1.5	34
232	Counterstreaming electrons in magnetic clouds near 5 AU. Journal of Geophysical Research, 2004, 109, .	3.3	34
233	Energetic plasma ions within the Earth's magnetosheath. Geophysical Research Letters, 1978, 5, 953-955.	1.5	33
234	Ulysses plasma observations of coronal mass ejections near 2.5 AU. Geophysical Research Letters, 1992, 19, 1239-1242.	1.5	33

#	Article	IF	Citations
235	Magnetopause crossings without a boundary layer. Journal of Geophysical Research, 1996, 101, 49-57.	3.3	33
236	Triggering of magnetic reconnection in a magnetosheath current sheet due to compression against the magnetopause. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	33
237	The power spectrum of the solar wind speed for periods greater than 10 days. Journal of Geophysical Research, 1978, 83, 4353-4357.	3.3	32
238	Electron heating within interaction zones of simple highâ€speed solar wind streams. Journal of Geophysical Research, 1978, 83, 5297-5303.	3.3	32
239	Noncoplanar magnetic fields at collisionless shocks: A test of a new approach. Journal of Geophysical Research, 1988, 93, 2735-2740.	3.3	32
240	Coronal mass ejections at high heliographic latitudes: Ulysses. Space Science Reviews, 1995, 72, 133-136.	3.7	32
241	The tilts of corotating interaction regions at midheliographic latitudes. Journal of Geophysical Research, 1996, 101, 24349-24357.	3.3	32
242	Processes associated with particle transport in corotating interaction regions and near stream interfaces. Journal of Geophysical Research, 2001, 106, 10625-10634.	3.3	32
243	Correlated Dispersionless Structure in Suprathermal Electrons and Solar Energetic Ions in the Solar Wind. Astrophysical Journal, 2004, 614, 412-419.	1.6	32
244	Fieldâ€aligned ion beams upstream of the Earth's bow shock: Evidence for a magnetosheath source. Geophysical Research Letters, 1983, 10, 1207-1210.	1.5	31
245	Ulysses observations of the northward extension of the heliospheric current sheet. Geophysical Research Letters, 1997, 24, 3101-3104.	1.5	31
246	Relationship between Ulysses plasma observations and solar observations during the Whole Sun Month campaign. Journal of Geophysical Research, 1999, 104, 9871-9879.	3.3	31
247	Correlation of solar wind entropy and oxygen ion charge state ratio. Journal of Geophysical Research, 2004, 109, .	3.3	31
248	Dispersionless modulations in low-energy solar electron bursts and discontinuous changes in the solar wind electron strahl. Journal of Geophysical Research, 2004, 109, .	3.3	31
249	Observation of anomalous slow-mode shock and reconnection layer in the dayside magnetopause. Journal of Geophysical Research, 1994, 99, 23705.	3.3	30
250	Direct observations of passages of the distant neutral line (80â€140 R_E) following substorm pnsets: ISEEâ€3. Geophysical Research Letters, 1984, 11, 1042-1045.	1.5	29
251	Wellâ€resolved observations by ISEE 2 of ion dispersion in the magnetospheric cusp. Journal of Geophysical Research, 1993, 98, 13429-13440.	3.3	29
252	Latitudinal structure of a coronal mass ejection inferred from Ulysses and Geotail observations. Geophysical Research Letters, 1995, 22, 1169-1172.	1.5	29

#	Article	IF	Citations
253	The interstellar hydrogen shadow: Observations of interstellar pickup ions beyond Jupiter. Journal of Geophysical Research, 2004, 109, .	3.3	29
254	On the origin of near-radial magnetic fields in the heliosphere: Numerical simulations. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	29
255	Formation and Evolution of Corotating Interaction Regions and Their Three Dimensional Structure. Space Sciences Series of ISSI, 1999, , 21-52.	0.0	29
256	Forwardâ€reverse shock pairs associated with transient disturbances in the solar wind at 1 AU. Journal of Geophysical Research, 1988, 93, 8741-8748.	3.3	28
257	Longâ€term solar wind electron variations between 1971 and 1978. Journal of Geophysical Research, 1979, 84, 7371-7377.	3.3	27
258	Do coronal mass ejections implode in the solar wind?. Geophysical Research Letters, 1998, 25, 1529-1532.	1.5	27
259	A Subâ€AlfvÃ©nic solar wind: Interplanetary and magnetosheath observations. Journal of Geophysical Research, 1982, 87, 239-245.	3.3	26
260	Energetic proton observations at 1 and 5 AU: 2. Rising phase of the solar cycle 23. Journal of Geophysical Research, 2000, 105, 18251-18274.	3.3	26
261	Symmetric suprathermal electron depletions on closed field lines in the solar wind. Geophysical Research Letters, 2002, 29, 14-1.	1.5	26
262	ON THE CAUSE OF SUPRA-ARCADE DOWNFLOWS IN SOLAR FLARES. Astrophysical Journal Letters, 2013, 775, L14.	3.0	26
263	Variations in the solar wind speed along the earth's orbit. Solar Physics, 1971, 17, 499-508.	1.0	25
264	Composition measurements in the dusk flank magnetosphere. Journal of Geophysical Research, 1999, 104, 4515-4522.	3.3	25
265	Ulysses measurements of variations in the solar wind-interstellar hydrogen charge exchange rate. Geophysical Research Letters, 1999, 26, 2701-2704.	1.5	25
266	The motion of ions specularly reflected off a quasiâ€parallel shock in the presence of largeâ€amplitude, monochromatic MHD waves. Journal of Geophysical Research, 1986, 91, 4163-4170.	3.3	24
267	Linear electric field mass analysis: a technique for three-dimensional high mass resolution space plasma composition measurements.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5925-5929.	3.3	24
268	Radial and meridional trends in solar wind thermal electron temperature and anisotropy: Ulysses. Space Science Reviews, 1995, 72, 109-112.	3.7	24
269	Ulysses observations of opposed tilts of solar wind corotating interaction regions in the northern and southern solar hemispheres. Geophysical Research Letters, 1995, 22, 3333-3336.	1.5	24
270	Particle acceleration at corotating interaction regions in the three-dimensional heliosphere. Journal of Geophysical Research, 1998, 103, 2003-2014.	3.3	24

#	Article	IF	Citations
271	Statistics of counter-streaming solar wind suprathermal electrons at solar minimum: STEREO observations. Annales Geophysicae, 2010, 28, 233-246.	0.6	24
272	Magnetotails at unmagnetized bodies: Comparison of comet Giacobiniâ€Zinner and Venus. Journal of Geophysical Research, 1987, 92, 10111-10117.	3.3	23
273	ISEE 1 and 2 observations of the high beta shock. Journal of Geophysical Research, 1992, 97, 19121-19127.	3.3	23
274	Correction to â€œThe solar flare mythâ€. Journal of Geophysical Research, 1994, 99, 4259.	3.3	23
275	Properties of interplanetary magnetic sector boundaries based on electron heat-flux flow directions. Journal of Geophysical Research, 1998, 103, 20603-20612.	3.3	23
276	UlyssesObservations of the Magnetic Connectivity between Coronal Mass Ejections and the Sun. Astrophysical Journal, 2004, 608, 1100-1105.	1.6	23
277	A comment on the detection of closed magnetic structures in the solar wind. Solar Physics, 1974, 39, 405-408.	1.0	22
278	Nature and location of the source of plasma sheet boundary layer ion beams. Journal of Geophysical Research, 1995, 100, 1857.	3.3	22
279	Sources of shocks and compressions in the high-latitude solar wind: Ulysses. Geophysical Research Letters, 1995, 22, 3305-3308.	1.5	22
280	An unusual coronal mass ejection: First solar wind electron, proton, alpha monitor (SWEPAM) Results from the Advanced Composition Explorer. Geophysical Research Letters, 1998, 25, 4289-4292.	1.5	22
281	ON MULTIPLE RECONNECTIONX-LINES AND TRIPOLAR PERTURBATIONS OF STRONG GUIDE MAGNETIC FIELDS. Astrophysical Journal, 2015, 805, 43.	1.6	22
282	Twenty-seven-day recurrences in the solar-wind speed: Mariner 2. Journal of Geophysical Research, 1972, 77, 2744-2751.	3.3	21
283	Plasma waves in the shock interaction regions at comet Giacobiniâ€Zinner. Geophysical Research Letters, 1986, 13, 921-924.	1.5	21
284	Bidirectional solar wind electron heat flux and hemispherically symmetric polar rain. Journal of Geophysical Research, 1986, 91, 11352-11358.	3.3	21
285	Combined Ulysses solar wind and SOHO coronal observations of several west limb coronal mass ejections. Journal of Geophysical Research, 1999, 104, 6679-6689.	3.3	21
286	OBSERVATIONS OF ISOTROPIC INTERSTELLAR PICK-UP IONS AT 11 AND 17 AU FROMNEW HORIZONS. Astrophysical Journal, 2012, 755, 75.	1.6	21
287	Ion Larmor radius effects near a reconnection X line at the magnetopause: THEMIS observations and simulation comparison. Geophysical Research Letters, 2016, 43, 8844-8852.	1.5	21
288	A search for a general gradient in the solar wind speed at low solar latitudes. Journal of Geophysical Research, 1977, 82, 173-176.	3.3	20

#	Article	IF	Citations
289	Observations of rotational discontinuityâ€"slow expansion fan structure of the magnetotail boundary. Journal of Geophysical Research, 1990, 95, 61-73.	3.3	20
290	Structure of the magnetopause for low Mach number and strongly northward interplanetary magnetic field. Journal of Geophysical Research, 1994, 99, 23723.	3.3	20
291	The polarities and locations of interplanetary coronal mass ejections in large interplanetary magnetic sectors. Journal of Geophysical Research, 1999, 104, 9919-9924.	3.3	20
292	On the determination of electron polytrope indices within coronal mass ejections in the solar wind. Journal of Geophysical Research, 1999, 104, 19851-19857.	3.3	20
293	Suprathermal electron 90Â° pitch angle depletions at reverse shocks in the solar wind. Journal of Geophysical Research, 2006, 111, .	3.3	20
294	Electron and ion edges and the associated magnetic topology of the reconnecting magnetopause. Journal of Geophysical Research: Space Physics, 2015, 120, 9294-9306.	0.8	20
295	Preferred solar wind emitting longitudes on the Sun. Journal of Geophysical Research, 1977, 82, 2371-2376.	3.3	19
296	Asymmetric shear flow effects on magnetic field configuration within oppositely directed solar wind reconnection exhausts. Journal of Geophysical Research, 2009, 114, .	3.3	19
297	The Giacobiniâ€Zinner magnetotail: Tail configuration and current sheet. Journal of Geophysical Research, 1987, 92, 1139-1152.	3.3	18
298	Ion and electron heating at the lowâ€Machâ€number, quasiâ€parallel bow shock. Journal of Geophysical Research, 1993, 98, 3875-3888.	3.3	18
299	Ion energy equation for the high-speed solar wind: Ulysses observations. Journal of Geophysical Research, 1998, 103, 14547-14557.	3.3	18
300	The magnetic and plasma structure of flux transfer events. Journal of Geophysical Research, 1999, 104, 233-245.	3.3	18
301	Coronal mass ejections. AIP Conference Proceedings, 2000, , .	0.3	18
302	Investigation of the polytropic relationship between density and temperature within interplanetary coronal mass ejections using numerical simulations. Journal of Geophysical Research, 2001, 106, 8291-8300.	3.3	18
303	Observational test of a hot flow anomaly formation mechanism. Journal of Geophysical Research, 1990, 95, 11967-11974.	3.3	17
304	Widths of suprathermal pitch angle distributions during solar electron bursts: ACE observations. Journal of Geophysical Research, 2006, 111, .	3.3	17
305	Wind/WAVES observations of high-frequency plasma waves in solar wind reconnection exhausts. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	17
306	Observations of polar rain at low and high altitudes. Journal of Geophysical Research, 1987, 92, 13547-13560.	3.3	16

#	Article	IF	Citations
307	Noncoplanar component of the magnetic field at low Mach number shocks. Journal of Geophysical Research, 1990, 95, 2441-2445.	3.3	16
308	Ulysses observations of a â€œdensity holeâ€•in the high-speed solar wind. Journal of Geophysical Research, 1998, 103, 1933-1940.	3.3	15
309	Energetic proton observations at 1 and 5 AU: 1. January-September 1997. Journal of Geophysical Research, 2000, 105, 18235-18250.	3.3	15
310	Two spacecraft observations of magnetic discontinuities in the solar wind with STEREO. Journal of Geophysical Research, 2012, 117, .	3.3	15
311	CIR Morphology, Turbulence, Discontinuities, and Energetic Particles. Space Sciences Series of ISSI, 1999, , 179-220.	0.0	15
312	Quantitative tests of a steady state theory of solar wind electrons. Journal of Geophysical Research, 1982, 87, 7355-7362.	3.3	14
313	Comment on â€œIncrease of Ion kinetic temperature across a collisionless shock: I. A new concept by L. C. Lee et al.â€•and â€œIon acceleration in quasiperpendicular magnetosonic shock waves with subcritical Mach number by Y. Ohsawa and J. Sakaiâ€• Geophysical Research Letters, 1986, 13, 561-562.	1.5	14
314	Ulysses observations of solar wind plasma parameters in the ecliptic from 1.4 to 5.4 AU and out of the ecliptic. Space Science Reviews, 1995, 72, 113-116.	3.7	13
315	A magnetic polarity and chirality analysis of ISEE 3 interplanetary magnetic clouds. Journal of Geophysical Research, 1999, 104, 9911-9918.	3.3	13
316	Effect of magnetic discontinuities on the propagation of energetic particles: Ulysses observations of the onset of the March 1991 solar particle event. Journal of Geophysical Research, 2000, 105, 18275-18283.	3.3	13
317	Energy dependence of electron pitch angle distribution widths in solar bursts. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	13
318	The existence and properties of the distant magnetotail during 32 hours of strongly northward interplanetary magnetic field. Journal of Geophysical Research, 2008, 113, .	3.3	13
319	Mapping magnetic field lines between the Sun and Earth. Journal of Geophysical Research: Space Physics, 2016, 121, 925-948.	0.8	13
320	Particle acceleration at corotating reverse shocks in the southern hemisphere: Ulysses results. Geophysical Research Letters, 1997, 24, 1155-1158.	1.5	12
321	Polar rain gradients and fieldâ€aligned polar cap potentials. Journal of Geophysical Research, 2008, 113, .	3.3	12
322	CORE ELECTRON HEATING IN SOLAR WIND RECONNECTION EXHAUSTS. Astrophysical Journal Letters, 2014, 791, L17.	3.0	12
323	ISEE 3 observations of solar wind thermal electrons with T_{âŠ¥}>T_{â¥}. Journal of Geophysical Research, 1989, 94, 13377-13386.	3.3	11
324	In situ observations of coronal mass ejections in interplanetary space. , 1992, , 258-267.		11

#	Article	IF	Citations
325	<title>The High Altitude Observatory White Light Coronagraph</title>. , 1974, , .		10
326	A note on the nature of the distant geomagnetic tail magnetopause and boundary layer. Geophysical Research Letters, 1985, 12, 153-154.	1.5	10
327	Inversion studies of magnetic cloud structure at 0.7 AU: Solar cycle variation. Geophysical Research Letters, 2001, 28, 891-894.	1.5	10
328	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
329	Electrodynamics of a split-transpolar aurora. Journal of Geophysical Research, 2006, 111, .	3.3	10
330	Evidence in magnetic clouds for systematic open flux transport on the Sun. Journal of Geophysical Research, 2008, 113, .	3.3	10
331	What Magnetospheric Workers Should Know about Solar Wind Composition. , 1983, , 73-98.		10
332	Origin, Injection, and Acceleration of CIR Particles: Observations. Space Sciences Series of ISSI, 1999, , 327-367.	0.0	10
333	ISEE-3 plasma measurements in the lobes of the distant geomagnetic tail: Inferences concerning reconnection at the dayside magnetopause. Geophysical Monograph Series, 1984, , 157-158.	0.1	9
334	Plasma waves in the distant geomagnetic tail: ISEE 3. Journal of Geophysical Research, 1990, 95, 20977-20995.	3.3	9
335	Reconnection on open field lines ahead of coronal mass ejections. Space Science Reviews, 1995, 72, 129-132.	3.7	9
336	Reply [to â€œComment on â€œThe solar flare mythâ€•by J. T. Goslingâ€]. Journal of Geophysical Research, 1995, 100, 3479-3480.	3.3	9
337	Ulysses and WIND particle observations of the November 1997 solar events. Geophysical Research Letters, 1998, 25, 3469-3472.	1.5	9
338	An unusually fast interplanetary coronal mass ejection observed by Ulysses at 5 AU on 15 November 2003. Journal of Geophysical Research, 2005, 110, .	3.3	9
339	Cassini Plasma Spectrometer Investigation. , 2004, , 1-112.		9
340	On the alignment of plasma anisotropies and the magnetic field direction in the solar wind. Journal of Geophysical Research, 1977, 82, 5555-5562.	3.3	8
341	New findings challenge beliefs about solar-terrestrial physics. Eos, 1993, 74, 611.	0.1	8
342	Local time occurrence frequency of energetic ions in the Earth's magnetosheath. Geophysical Research Letters, 1993, 20, 551-554.	1.5	8

#	Article	IF	Citations
343	Observations of suprathermal electron conies in an interplanetary coronal mass ejection. Geophysical Research Letters, 1999, 26, 2613-2616.	1.5	8
344	Magnetic Reconnection in the Solar Wind: An Update. , 2010, , .		8
345	Multipoint connectivity analysis of the May 2007 solar energetic particle events. Journal of Geophysical Research, 2010, 115, .	3.3	8
346	Properties and radial trends of coronal mass ejecta and their associated shocks observed by Ulysses in the ecliptic plane. Journal of Geophysical Research, 2000, 105, 12617-12626.	3.3	7
347	The Role of Reconnection in the Formation of Flux Ropes in the Solar Wind. Geophysical Monograph Series, 0, , 205-212.	0.1	7
348	Comparisons of mapped magnetic field lines with the source path of the 7 April 1995 type III solar radio burst. Journal of Geophysical Research: Space Physics, 2016, 121, 6141-6156.	0.8	7
349	Stream Interaction Regions at High Heliographic Latitudes during Ulyssesâ€™ Second Polar Orbit. , 2001, , 189-192.		7
350	Comment on â€œIon distributions in the dayside magnetosheaths of Jupiter and Saturnâ€•by John D. Richardson. Journal of Geophysical Research, 1988, 93, 2761-2762.	3.3	6
351	SPATIAL OFFSETS OF INTERPLANETARY ION AND ELECTRON SOURCE REGIONS. Astrophysical Journal, 2009, 705, 1492-1495.	1.6	6
352	Understanding Interplanetary Coronal Mass Ejection Signatures. Space Sciences Series of ISSI, 2006, , 177-216.	0.0	6
353	Solar wind corotating interaction regions: The third dimension. Reviews of Geophysics, 1995, 33, 597.	9.0	5
354	Structure of Exhausts in Magnetic Reconnection with an X-line of Finite Extent. Astrophysical Journal, 2017, 848, 90.	1.6	5
355	Comment on â€œAre highâ€latitude forwardâ€reverse shock pairs driven by overexpansion?â€•by W. B. Manchester and T. H. Zurbuchen. Journal of Geophysical Research, 2007, 112, .	3.3	4
356	Magnetic reconnection in the heliosphere: new insights from observations in the solar wind. Proceedings of the International Astronomical Union, 2008, 4, 367-377.	0.0	4
357	STEREO IMPACT Investigation Goals, Measurements, and Data Products Overview. , 2008, , 117-184.		4
358	CME-Driven Solar Wind Disturbances at High Heliographic Latitudes. , 2001, , 87-98.		4
359	High Temporal Resolution Observations of Electron Heating at the Bow Shock. , 1979, , 569-586.		4
360	Reply [to â€œComment on â€˜The solar flare mythâ€™ by J. T. Goslingâ€]. Journal of Geophysical Research, 1995, 100, 7921.	3.3	3

#	Article	IF	Citations
361	The influence of the Sun's magnetic field on energetic particles at high heliospheric latitudes. Geophysical Research Letters, 2001, 28, 4525-4528.	1.5	3
362	Comment on â€œSteady state slow shock inside the Earth's magnetosheath: To be or not to be? 1. The original observation revisitedâ€•by D. Hubert and A. Samsonov. Journal of Geophysical Research, 2005, 110, .	3.3	3
363	Ion Acceleration at Shocks in Interplanetary Space: A Brief Review of Recent Observations. , 1983, , 113-126.		3
364	The solar flare myth in solar-terrestrial physics. Geophysical Monograph Series, 1994, , 65-69.	0.1	2
365	Reply [to â€œComment on â€œOn the determination of electron polytrope indices within coronal mass ejections in the solar windâ€•by J. T. Goslingâ€]. Journal of Geophysical Research, 2001, 106, 3709-3713.	3.3	2
366	Ulysses Solar Wind Observations to 56Â° South. , 1995, , 93-98.		2
367	Reply [to â€œObservations of reconnection of interplanetary and lobe magnetic field lines at the highâ€latitude magnetopauseâ€•by J. T. Gosling, M. F. Thomsen, S. J. Bame, R. C. Elphic, and C. T. Russellâ€]. Journal of Geophysical Research, 1993, 98, 5945-5945.	3.3	1
368	Ulyssesâ€™ Second Orbit: Remarkably Different Solar Wind. , 2001, , 99-103.		1
369	Reply [to â€œâ€˜Geomagnetic activity associated with Earth passage of interplanetary shock disturbances and coronal mass ejectionsâ€™ by J. T. Gosling, D. J. McComas, J. L. Phillips, and S. J. Bameâ€]. Journal of Geophysical Research, 1993, 98, 1509-1510.	3.3	0
370	Why Is Reconnection in the Solar Wind so Different than in Other Environments?. , 2010, , .		0
371	Electron distributions during the solar electron burst of 22 March 2002. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	0
372	A New Estimate for the Orientation of Underlying Heliospheric Magnetic Field Associated with AlfvÃ©nic Fluctuations. Astrophysical Journal, 2020, 896, 52.	1.6	0
373	Magnetic Reconnection in the Solar Wind. Space Sciences Series of ISSI, 2011, , 187-200.	0.0	0
374	Ulysses Observations of Solar Wind Plasma Parameters in the Ecliptic from 1.4 to 5.4 AU and Out of the Ecliptic. , 1995, , 113-116.		0
375	Reconnection on Open Field Lines Ahead of Coronal Mass Ejections. , 1995, , 129-132.		0
376	The Solar Wind in Three Dimensions. Globular Clusters - Guides To Galaxies, 1998, , 57-68.	0.1	0