

J T Gosling

List of Publications by Year in descending order

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376
papers

32,258
citations

2543

96
h-index

5677

162
g-index

384
all docs

384
docs citations

384
times ranked

4837
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 non-specularly reflected 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. <i>Geophysical Research Letters</i> , 1995, 22, 3301-3304.	1.5	291
20	Composition and Dynamics of Plasma in Saturn's Magnetosphere. <i>Science</i> , 2005, 307, 1262-1266.	6.0	281
21	A magnetic reconnection X-line extending more than 390 Earth radii in the solar wind. <i>Nature</i> , 2006, 439, 175-178.	13.7	281
22	Solar wind stream interfaces. <i>Journal of Geophysical Research</i> , 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. <i>Journal of Geophysical Research</i> , 1981, 86, 4565-4573.	3.3	261
24	Coronal streamers in the solar wind at 1 AU. <i>Journal of Geophysical Research</i> , 1981, 86, 5438-5448.	3.3	260
25	STEREO IMPACT Investigation Goals, Measurements, and Data Products Overview. <i>Space Science Reviews</i> , 2008, 136, 117-184.	3.7	257
26	Structure of the magnetotail at 220 R_E and its response to geomagnetic activity. <i>Geophysical Research Letters</i> , 1984, 11, 5-7.	1.5	256
27	Ulysses' return to the slow solar wind. <i>Geophysical Research Letters</i> , 1998, 25, 1-4.	1.5	250
28	Three-dimensional magnetic reconnection and the magnetic topology of coronal mass ejection events. <i>Geophysical Research Letters</i> , 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. <i>Journal of Geophysical Research</i> , 1981, 86, 547-554.	3.3	245
30	Observations of reconnection of interplanetary and lobe magnetic field lines at the high-latitude magnetopause. <i>Journal of Geophysical Research</i> , 1991, 96, 14097-14106.	3.3	239
31	The three-dimensional solar wind around solar maximum. <i>Geophysical Research Letters</i> , 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. <i>Journal of Geophysical Research</i> , 1990, 95, 8073-8084.	3.3	230
33	Coronal mass ejections and large geomagnetic storms. <i>Geophysical Research Letters</i> , 1990, 17, 901-904.	1.5	229
34	Characteristics of reflected and diffuse ions upstream from the Earth's bow shock. <i>Journal of Geophysical Research</i> , 1981, 86, 4355-4364.	3.3	227
35	Magnetospheric plasma analyzer for spacecraft with constrained resources. <i>Review of Scientific Instruments</i> , 1993, 64, 1026-1033.	0.6	225
36	Association of low-frequency waves with suprathermal ions in the upstream solar wind. <i>Geophysical Research Letters</i> , 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€³parallel 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€³30 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€³ofâ€³theâ€³ecliptic 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. <i>Journal of Geophysical Research</i> , 1977, 82, 1487-1492.	3.3	162
56	Magnetospheric plasma analyzer: Initial three-spacecraft observations from geosynchronous orbit. <i>Journal of Geophysical Research</i> , 1993, 98, 13453-13465.	3.3	159
57	The electromagnetic ion beam instability upstream of the Earth's bow shock. <i>Journal of Geophysical Research</i> , 1981, 86, 6691-6696.	3.3	156
58	The resolved layer of a collisionless, high β^2 , supercritical, quasi-perpendicular shock wave: 1. Rankine-Hugoniot geometry, currents, and stationarity. <i>Journal of Geophysical Research</i> , 1986, 91, 11019-11052.	3.3	156
59	Solar wind stream evolution at large heliocentric distances: Experimental demonstration and the test of a model. <i>Journal of Geophysical Research</i> , 1976, 81, 2111-2122.	3.3	155
60	On the high correlation between long-term averages of solar wind speed and geomagnetic activity. <i>Journal of Geophysical Research</i> , 1977, 82, 1933-1937.	3.3	155
61	Multiple heliospheric current sheets and coronal streamer belt dynamics. <i>Journal of Geophysical Research</i> , 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. <i>Journal of Geophysical Research</i> , 1999, 104, 12515-12523.	3.3	151
63	Latitudinal variation of solar wind corotating stream interaction regions: Ulysses. <i>Geophysical Research Letters</i> , 1993, 20, 2789-2792.	1.5	148
64	Evidence for quasi-stationary reconnection at the dayside magnetopause. <i>Journal of Geophysical Research</i> , 1982, 87, 2147-2158.	3.3	146
65	Ion and electron heating at collisionless shocks near the critical Mach number. <i>Journal of Geophysical Research</i> , 1985, 90, 137-148.	3.3	145
66	Long-term variations of selected solar wind properties: Imp 6, 7, and 8 results. <i>Journal of Geophysical Research</i> , 1978, 83, 2177-2189.	3.3	143
67	Helium abundance enhancements in the solar wind. <i>Journal of Geophysical Research</i> , 1982, 87, 7370-7378.	3.3	142
68	Compressions and rarefactions in the solar wind: Vela 3. <i>Journal of Geophysical Research</i> , 1972, 77, 5442-5454.	3.3	139
69	Evidence for slow-mode shocks in the deep geomagnetic tail. <i>Geophysical Research Letters</i> , 1984, 11, 599-602.	1.5	134
70	Accelerated plasma flows at the near-tail magnetopause. <i>Journal of Geophysical Research</i> , 1986, 91, 3029-3041.	3.3	132
71	THE DEPENDENCE OF MAGNETIC RECONNECTION ON PLASMA β^2 AND MAGNETIC SHEAR: EVIDENCE FROM SOLAR WIND OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2010, 719, L199-L203.	3.0	130
72	Structure and properties of the subsolar magnetopause for northward IMF: ISEE observations. <i>Journal of Geophysical Research</i> , 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 50° 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	Slow-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 β^2 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: Near-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. <i>Geophysical Research Letters</i> , 1983, 10, 912-915.	1.5	103
92	On the origin of hot diamagnetic cavities near the Earth's bow shock. <i>Journal of Geophysical Research</i> , 1988, 93, 11311-11325.	3.3	103
93	Counterstreaming electrons in magnetic clouds. <i>Journal of Geophysical Research</i> , 2000, 105, 27261-27268.	3.3	102
94	Solar cycle evolution of high-speed solar wind streams. <i>Astrophysical Journal</i> , 1976, 207, 977.	1.6	102
95	Electron bulk heating in magnetic reconnection at Earth's magnetopause: Dependence on the inflow Alfvén speed and magnetic shear. <i>Geophysical Research Letters</i> , 2013, 40, 4475-4480.	1.5	101
96	Cold ion beams in the low latitude boundary layer during accelerated flow events. <i>Geophysical Research Letters</i> , 1990, 17, 2245-2248.	1.5	99
97	MMS observations of electron-scale filamentary currents in the reconnection exhaust and near the X line. <i>Geophysical Research Letters</i> , 2016, 43, 6060-6069.	1.5	99
98	Steepened magnetosonic waves at comet Giacobini-Zinner. <i>Journal of Geophysical Research</i> , 1987, 92, 11074-11082.	3.3	98
99	Electron velocity distributions near interplanetary shocks. <i>Journal of Geophysical Research</i> , 1983, 88, 9949-9958.	3.3	96
100	Observations of the density profile in the magnetosheath near the stagnation streamline. <i>Geophysical Research Letters</i> , 1990, 17, 2035-2038.	1.5	96
101	Evidence for magnetic reconnection initiated in the magnetosheath. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	95
102	North-south and dawn-dusk plasma asymmetries in the distant tail lobes: ISEE 3. <i>Journal of Geophysical Research</i> , 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. <i>Geophysical Research Letters</i> , 1994, 21, 237-240.	1.5	93
104	Suprathermal electrons at Earth's bow shock. <i>Journal of Geophysical Research</i> , 1989, 94, 10011-10025.	3.3	92
105	Noncompressive density enhancements in the solar wind. <i>Journal of Geophysical Research</i> , 1977, 82, 5005-5010.	3.3	90
106	Ulysses observation of a noncoronal mass ejection flux rope: Evidence of interplanetary magnetic reconnection. <i>Journal of Geophysical Research</i> , 1995, 100, 19903.	3.3	90
107	Ulysses' second fast-latitude scan: Complexity near solar maximum and the reformation of polar coronal holes. <i>Geophysical Research Letters</i> , 2002, 29, 4141-4144.	1.5	90
108	The large coronal transient of 10 June 1973. <i>Solar Physics</i> , 1975, 42, 163-177.	1.0	88

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109	Bi-directional streaming of solar wind electrons >80 eV: ISEE evidence for a closed field structure within the driver gas of an interplanetary shock. Geophysical Research Letters, 1981, 8, 173-176.	1.5	88
110	ISEE 1 and 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 high-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 quasi-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 Giacobini-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 1/2 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 90° 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. <i>Journal of Geophysical Research</i> , 1998, 103, 301-306.	3.3	79
128	A test of magnetic field draping induced B_z perturbations ahead of fast coronal mass ejecta. <i>Journal of Geophysical Research</i> , 1989, 94, 1465-1471.	3.3	78
129	Structure and properties of the subsolar magnetopause for northward interplanetary magnetic field: Multiple instrument particle observations. <i>Journal of Geophysical Research</i> , 1993, 98, 11319-11337.	3.3	78
130	3-D Simulation of high-latitude interaction regions: Comparison with Ulysses results. <i>Geophysical Research Letters</i> , 1994, 21, 2063-2066.	1.5	78
131	A two-dimensional simulation of the radial and latitudinal evolution of a solar wind disturbance driven by a fast, high-pressure coronal mass ejection. <i>Journal of Geophysical Research</i> , 1997, 102, 14677-14685.	3.3	78
132	A prolonged He ⁺ enhancement within a coronal mass ejection in the solar wind. <i>Geophysical Research Letters</i> , 1999, 26, 161-164.	1.5	78
133	Gyrating ions and large amplitude monochromatic MHD waves upstream of the Earth's bow shock. <i>Journal of Geophysical Research</i> , 1985, 90, 267-273.	3.3	76
134	Ion reflection and downstream thermalization at the quasi-parallel bow shock. <i>Journal of Geophysical Research</i> , 1989, 94, 10027-10037.	3.3	76
135	Bifurcated current sheets produced by magnetic reconnection in the solar wind. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	76
136	Specularly reflected ions, shock foot thicknesses, and shock velocity determinations in space. <i>Journal of Geophysical Research</i> , 1985, 90, 9893-9896.	3.3	75
137	Vela 2 measurements of the magnetopause and bow shock positions. <i>Journal of Geophysical Research</i> , 1967, 72, 101.	3.3	74
138	Discontinuities in the solar wind associated with sudden geomagnetic impulses and storm commencements. <i>Journal of Geophysical Research</i> , 1967, 72, 3357-3363.	3.3	74
139	Interplanetary magnetic field draping about fast coronal mass ejecta in the outer heliosphere. <i>Journal of Geophysical Research</i> , 1988, 93, 2519-2526.	3.3	74
140	Ion bulk heating in magnetic reconnection exhausts at Earth's magnetopause: Dependence on the inflow Alfvén speed and magnetic shear angle. <i>Geophysical Research Letters</i> , 2014, 41, 7002-7010.	1.5	73
141	Gyrating and intermediate ion distributions upstream from the Earth's bow shock. <i>Journal of Geophysical Research</i> , 1986, 91, 91-99.	3.3	72
142	Large-scale inhomogeneities in the solar wind of solar origin. <i>Reviews of Geophysics</i> , 1975, 13, 1053-1058.	9.0	71
143	Plasma entry into the distant tail lobes: ISEE-3. <i>Geophysical Research Letters</i> , 1984, 11, 1078-1081.	1.5	71
144	Correlated dynamical changes in the near-Earth and distant magnetotail regions: ISEE 3. <i>Journal of Geophysical Research</i> , 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. <i>Geophysical Research Letters</i> , 1995, 22, 3329-3332.	1.5	71
146	Absence of energetic particle effects associated with magnetic reconnection exhausts in the solar wind. <i>Geophysical Research Letters</i> , 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. <i>Astrophysical Journal Letters</i> , 2013, 763, L39.	3.0	71
148	Direct evidence for prolonged magnetic reconnection at a continuous x-line within the heliospheric current sheet. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	70
149	Observational test of hot flow anomaly formation by the interaction of a magnetic discontinuity with the bow shock. <i>Journal of Geophysical Research</i> , 1993, 98, 15319-15330.	3.3	69
150	A CME-driven solar wind disturbance observed at both low and high heliographic latitudes. <i>Geophysical Research Letters</i> , 1995, 22, 1753-1756.	1.5	69
151	The topology of intrasector reversals of the interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 1996, 101, 24373-24382.	3.3	69
152	Multiple magnetic reconnection sites associated with a coronal mass ejection in the solar wind. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	69
153	Measurements of the interplanetary solar wind during the large geomagnetic storm of April 17-18, 1965. <i>Journal of Geophysical Research</i> , 1967, 72, 1813-1821.	3.3	68
154	A ONE-SIDED ASPECT OF ALFVENIC FLUCTUATIONS IN THE SOLAR WIND. <i>Astrophysical Journal</i> , 2009, 695, L213-L216.	1.6	68
155	Radial evolution of solar wind thermal electron distributions due to expansion and collisions. <i>Journal of Geophysical Research</i> , 1990, 95, 4217-4228.	3.3	67
156	The sources of material comprising a mass ejection coronal transient. <i>Solar Physics</i> , 1975, 45, 363-376.	1.0	66
157	Multiple spacecraft observations of interplanetary shocks: ISEE three-dimensional plasma measurements. <i>Journal of Geophysical Research</i> , 1983, 88, 9941-9947.	3.3	66
158	Correlation between the He/H ratios in upstream particle events and in the solar wind. <i>Journal of Geophysical Research</i> , 1984, 89, 1501-1507.	3.3	66
159	Petschek-type Reconnection Exhausts in the Solar Wind Well beyond 1 AU:Ulysses. <i>Astrophysical Journal</i> , 2006, 644, 613-621.	1.6	66
160	Electron distributions in the plasma sheet boundary layer: Time-of-flight effects. <i>Geophysical Research Letters</i> , 1990, 17, 1837-1840.	1.5	65
161	Coronal mass ejections: The link between solar and geomagnetic activity*. <i>Physics of Fluids B</i> , 1993, 5, 2638-2645.	1.7	65
162	Strong electron heating at the Earth's bow shock. <i>Journal of Geophysical Research</i> , 1987, 92, 10119-10124.	3.3	64

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163	Helium energetics in the high-latitude solar wind: Ulysses observations. <i>Journal of Geophysical Research</i> , 2001, 106, 5693-5708.	3.3	64
164	Prevalence of extended reconnection X α lines in the solar wind at 1 AU. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	64
165	Counterstreaming solar wind halo electron events: Solar cycle variations. <i>Journal of Geophysical Research</i> , 1992, 97, 6531-6535.	3.3	63
166	On the noncoplanarity of the magnetic field within a fast collisionless shock. <i>Journal of Geophysical Research</i> , 1987, 92, 2305-2314.	3.3	62
167	Detection of oppositely directed reconnection jets in a solar wind current sheet. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	62
168	Structures in the polar solar wind: Plasma and field observations from Ulysses. <i>Journal of Geophysical Research</i> , 1995, 100, 19893.	3.3	61
169	The relationship between large-scale solar magnetic field evolution and coronal mass ejections. <i>Journal of Geophysical Research</i> , 1998, 103, 6585-6593.	3.3	61
170	Solar wind Halo electrons from 1 α 4 AU. <i>Geophysical Research Letters</i> , 1992, 19, 1291-1294.	1.5	59
171	The origins of planar magnetic structures in the solar wind. <i>Journal of Geophysical Research</i> , 1993, 98, 9383-9389.	3.3	59
172	Ulysses' rapid crossing of the polar coronal hole boundary. <i>Journal of Geophysical Research</i> , 1998, 103, 1955-1967.	3.3	58
173	An improved expected temperature formula for identifying interplanetary coronal mass ejections. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	58
174	The warped neutral sheet and plasma sheet in the near α Earth geomagnetic tail. <i>Journal of Geophysical Research</i> , 1986, 91, 7093-7099.	3.3	57
175	Ulysses observations of the irregularly structured mid-latitude solar wind during the approach to solar maximum. <i>Geophysical Research Letters</i> , 2000, 27, 2437-2440.	1.5	57
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