Marco Velli

List of Publications by Year
in descending order

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148	9,135	31902 53	45213 90
papers	citations	h-index	g-index

150	150	150	2587
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flux Rope Merging and the Structure of Switchbacks in the Solar Wind. Astrophysical Journal, 2022, 925, 213.	1.6	11
2	Flux rope and dynamics of the heliospheric current sheet. Astronomy and Astrophysics, 2022, 659, A110.	2.1	20
3	Statistical Analysis of Intermittency and its Association with Proton Heating in the Near-Sun Environment. Astrophysical Journal, 2022, 927, 140.	1.6	12
4	Influence of the Heliospheric Current Sheet on the Evolution of Solar Wind Turbulence. Astrophysical Journal, 2022, 928, 93.	1.6	4
5	Parker Solar Probe Observations of Solar Wind Energetic Proton Beams Produced by Magnetic Reconnection in the Nearâ€Sun Heliospheric Current Sheet. Geophysical Research Letters, 2022, 49, .	1.5	15
6	Features of Magnetic Field Switchbacks in Relation to the Local-field Geometry of Large-amplitude AlfvÃ©nic Oscillations: Wind and PSP Observations. Astrophysical Journal Letters, 2022, 932, L13.	3.0	4
7	Constraining Global Coronal Models with Multiple Independent Observables. Astrophysical Journal, 2022, 932, 135.	1.6	12
8	Investigating AlfvÃ©nic Turbulence in Fast and Slow Solar Wind Streams. Universe, 2022, 8, 352.	0.9	0
9	Searching for a Solar Source of Magnetic-Field Switchbacks in Parker Solar Probeâ€™s First Encounter. Solar Physics, 2022, 297, .	1.0	2
10	Investigating the Origin of the First Ionization Potential Effect With a Shell Turbulence Model. Frontiers in Astronomy and Space Sciences, 2021, 8, .	1.1	4
11	Energetics and 3D Structure of Elementary Events in Solar Coronal Heating. Astrophysical Journal, 2021, 910, 84.	1.6	11
12	On AlfvÃ©nic Slow Wind: A Journey From the Earth Back to the Sun. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028996.	0.8	21
13	Evolution of Solar Wind Turbulence from 0.1 to 1 au during the First Parker Solar Probeâ€“Solar Orbiter Radial Alignment. Astrophysical Journal Letters, 2021, 912, L21.	3.0	49
14	AlfvÃ©nic versus non-AlfvÃ©nic turbulence in the inner heliosphere as observed by Parker Solar Probe. Astronomy and Astrophysics, 2021, 650, A21.	2.1	29
15	Switchbacks as signatures of magnetic flux ropes generated by interchange reconnection in the corona. Astronomy and Astrophysics, 2021, 650, A2.	2.1	80
16	Switchbacks: statistical properties and deviations from AlfvÃ©nicity. Astronomy and Astrophysics, 2021, 650, A3.	2.1	37
17	Proton Energization by Phase Steepening of Parallel-propagating AlfvÃ©nic Fluctuations. Astrophysical Journal Letters, 2021, 914, L36.	3.0	11
18	Direct evidence for magnetic reconnection at the boundaries of magnetic switchbacks with Parker Solar Probe. Astronomy and Astrophysics, 2021, 650, A5.	2.1	27

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19	Flux conservation, radial scalings, Mach numbers, and critical distances in the solar wind: magnetohydrodynamics and Ulysses observations. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4993-5004.	1.6	17
20	On the Role of Solar Wind Expansion as a Source of Whistler Waves: Scattering of Suprathermal Electrons and Heat Flux Regulation in the Inner Heliosphere. Astrophysical Journal, 2021, 919, 42.	1.6	18
21	Evolution of Switchbacks in the Inner Heliosphere. Astrophysical Journal Letters, 2021, 919, L31.	3.0	25
22	Exploring the Solar Wind from Its Source on the Corona into the Inner Heliosphere during the First Solar Orbiterâ€“Parker Solar Probe Quadrature. Astrophysical Journal Letters, 2021, 920, L14.	3.0	25
23	Stability of the magnetotail current sheet with normal magnetic field and fieldâ€aligned plasma flows. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029711.	0.8	1
24	Parker Solar Probe Enters the Magnetically Dominated Solar Corona. Physical Review Letters, 2021, 127, 255101.	2.9	104
25	A Solar Source of AlfvÃ©nic Magnetic Field Switchbacks: In Situ Remnants of Magnetic Funnels on Supergranulation Scales. Astrophysical Journal, 2021, 923, 174.	1.6	67
26	Comparative Study of Electric Currents and Energetic Particle Fluxes in a Solar Flare and Earth Magnetospheric Substorm. Astrophysical Journal, 2021, 923, 151.	1.6	5
27	AlfvÃ©nic fluctuations in the solar wind: nonlinearities and pressure anisotropy effects. Plasma Physics and Controlled Fusion, 2020, 62, 014001.	0.9	9
28	Understanding the origins of the heliosphere: integrating observations and measurements from Parker Solar Probe, Solar Orbiter, and other space- and ground-based observatories. Astronomy and Astrophysics, 2020, 642, A4.	2.1	35
29	The Solar Orbiter mission. Astronomy and Astrophysics, 2020, 642, A1.	2.1	514
30	Tearing Instability and Periodic Density Perturbations in the Slow Solar Wind. Astrophysical Journal Letters, 2020, 895, L20.	3.0	39
31	Proton Temperature Anisotropy Variations in Inner Heliosphere Estimated with the First Parker Solar Probe Observations. Astrophysical Journal, Supplement Series, 2020, 246, 70.	3.0	56
32	Large Amplitude Fluctuations in the AlfvÃ©nic Solar Wind. Solar Physics, 2020, 295, 1.	1.0	13
33	Observations of Energetic-particle Population Enhancements along Intermittent Structures near the Sun from the Parker Solar Probe. Astrophysical Journal, Supplement Series, 2020, 246, 61.	3.0	25
34	Clustering of Intermittent Magnetic and Flow Structures near Parker Solar Probeâ€™s First Perihelionâ€”A Partial-variance-of-increments Analysis. Astrophysical Journal, Supplement Series, 2020, 246, 31.	3.0	37
35	Observations of Heating along Intermittent Structures in the Inner Heliosphere from PSP Data. Astrophysical Journal, Supplement Series, 2020, 246, 46.	3.0	26
36	Measures of Scale-dependent AlfvÃ©nicity in the First PSP Solar Encounter. Astrophysical Journal, Supplement Series, 2020, 246, 58.	3.0	51

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37	Propagation of AlfvÃ©n Waves in the Expanding Solar Wind with the Fastâ€“Slow Stream Interaction. Astrophysical Journal, 2020, 888, 68.	1.6	18
38	Spectral signatures of recursive magnetic field reconnection. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4267-4276.	1.6	7
39	The Role of AlfvÃ©n Wave Dynamics on the Large-scale Properties of the Solar Wind: Comparing an MHD Simulation with Parker Solar Probe E1 Data. Astrophysical Journal, Supplement Series, 2020, 246, 24.	3.0	66
40	Enhanced Energy Transfer Rate in Solar Wind Turbulence Observed near the Sun from Parker Solar Probe. Astrophysical Journal, Supplement Series, 2020, 246, 48.	3.0	56
41	Magnetic Field Kinks and Folds in the Solar Wind. Astrophysical Journal, Supplement Series, 2020, 246, 32.	3.0	86
42	Parker Solar Probe In Situ Observations of Magnetic Reconnection Exhausts during Encounter 1. Astrophysical Journal, Supplement Series, 2020, 246, 34.	3.0	65
43	Switchbacks in the Near-Sun Magnetic Field: Long Memory and Impact on the Turbulence Cascade. Astrophysical Journal, Supplement Series, 2020, 246, 39.	3.0	152
44	Localized Magnetic-field Structures and Their Boundaries in the Near-Sun Solar Wind from Parker Solar Probe Measurements. Astrophysical Journal, 2020, 893, 93.	1.6	44
45	Metis: the Solar Orbiter visible light and ultraviolet coronal imager. Astronomy and Astrophysics, 2020, 642, A10.	2.1	115
46	The Solar Orbiter Science Activity Plan. Astronomy and Astrophysics, 2020, 642, A3.	2.1	67
47	Shear-driven Transition to Isotropically Turbulent Solar Wind Outside the AlfvÃ©n Critical Zone. Astrophysical Journal, 2020, 902, 94.	1.6	83
48	Oblique Tearing Mode Instability: Guide Field and Hall Effect. Astrophysical Journal, 2020, 902, 142.	1.6	9
49	The Role of Parametric Instabilities in Turbulence Generation and Proton Heating: Hybrid Simulations of Parallel-propagating AlfvÃ©n Waves. Astrophysical Journal, 2020, 904, 81.	1.6	11
50	Magnetic Connectivity of the Ecliptic Plane within 0.5 au: Potential Field Source Surface Modeling of the First Parker Solar Probe Encounter. Astrophysical Journal, Supplement Series, 2020, 246, 23.	3.0	100
51	Sharp AlfvÃ©nic Impulses in the Near-Sun Solar Wind. Astrophysical Journal, Supplement Series, 2020, 246, 45.	3.0	115
52	Exploring Solar Wind Origins and Connecting Plasma Flows from the Parker Solar Probe to 1 au: Nonspherical Source Surface and AlfvÃ©nic Fluctuations. Astrophysical Journal, Supplement Series, 2020, 246, 54.	3.0	46
53	Anticorrelation between the Bulk Speed and the Electron Temperature in the Pristine Solar Wind: First Results from the Parker Solar Probe and Comparison with Helios. Astrophysical Journal, Supplement Series, 2020, 246, 62.	3.0	55
54	Collisionless Heat Flux Regulation via the Electron Firehose Instability in the Presence of a Core and Suprathermal Population in the Expanding Solar Wind. Astrophysical Journal Letters, 2020, 898, L41.	3.0	12

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55	Onset of fast magnetic reconnection and particle energization in laboratory and space plasmas. Journal of Plasma Physics, 2020, 86, .	0.7	8
56	Tearing Modes in Partially Ionized Astrophysical Plasma. Astrophysical Journal Letters, 2020, 903, L19.	3.0	6
57	The interpretation of data from the Parker Solar Probe mission: shear-driven transition to an isotropically turbulent solar wind. Radiation Effects and Defects in Solids, 2020, 175, 1002-1003.	0.4	0
58	Dynamic Evolution of Current Sheets, Ideal Tearing, Plasmoid Formation and Generalized Fractal Reconnection Scaling Relations. Astrophysical Journal, 2019, 881, 52.	1.6	10
59	Turbulence and Particle Acceleration in Collisionless Magnetic Reconnection: Effects of Temperature Inhomogeneity across Pre-reconnection Current Sheet. Astrophysical Journal, 2019, 878, 109.	1.6	37
60	Fast Recursive Reconnection and the Hall Effect: Hall-MHD Simulations. Astrophysical Journal, 2019, 883, 172.	1.6	11
61	Magnetic Field Line Twisting by Photospheric Vortices: Energy Storage and Release. Astrophysical Journal, 2019, 883, 148.	1.6	9
62	Onset and Evolution of the Oblique, Resonant Electron Firehose Instability in the Expanding Solar Wind Plasma. Astrophysical Journal, 2019, 883, 146.	1.6	9
63	Explosive Magnetotail Activity. Space Science Reviews, 2019, 215, 31.	3.7	75
64	Large-scale Magnetic Funnels in the Solar Corona. Astrophysical Journal, 2019, 873, 25.	1.6	14
65	An introductory guide to fluid models with anisotropic temperatures. Part 2. Kinetic theory, PadÃ© approximants and Landau fluid closures. Journal of Plasma Physics, 2019, 85, .	0.7	19
66	An introductory guide to fluid models with anisotropic temperatures. Part 1. CGL description and collisionless fluid hierarchy. Journal of Plasma Physics, 2019, 85, .	0.7	32
67	AlfvÃ©nic velocity spikes and rotational flows in the near-Sun solar wind. Nature, 2019, 576, 228-231.	13.7	311
68	Highly structured slow solar wind emerging from an equatorial coronal hole. Nature, 2019, 576, 237-242.	13.7	401
69	A Semi-implicit Particle-in-cell Expanding Box Model Code for Fully Kinetic Simulations of the Expanding Solar Wind Plasma. Astrophysical Journal, 2019, 870, 66.	1.6	14
70	Onset of fast â€œidealâ€•tearing in thin current sheets: Dependence on the equilibrium current profile. Physics of Plasmas, 2018, 25, .	0.7	22
71	Marginal Stability of Sweetâ€“Parker Type Current Sheets at Low Lundquist Numbers. Astrophysical Journal, 2018, 859, 83.	1.6	12
72	Nonlinear Firehose Relaxation and Constant-B Field Fluctuations. Astrophysical Journal Letters, 2018, 867, L26.	3.0	16

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73	Dependence of Coronal Loop Temperature on Loop Length and Magnetic Field Strength. Astrophysical Journal, 2018, 868, 116.	1.6	12
74	New Closures for More Precise Modeling of Landau Damping in the Fluid Framework. Physical Review Letters, 2018, 121, 135101.	2.9	24
75	Subresolution activity in solar and stellar coronae from magnetic field line tangling. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2257-2266.	1.6	6
76	Parametric Decay and the Origin of the Low-frequency AlfvÃ©nic Spectrum of the Solar Wind. Astrophysical Journal, 2018, 866, 38.	1.6	31
77	The Highly Structured Outer Solar Corona. Astrophysical Journal, 2018, 862, 18.	1.6	101
78	Coronal Heating Topology: The Interplay of Current Sheets and Magnetic Field Lines. Astrophysical Journal, 2017, 844, 87.	1.6	13
79	Fast Magnetic Reconnection: â€œIdealâ€•Tearing and the Hall Effect. Astrophysical Journal, 2017, 845, 25.	1.6	25
80	Evolving Waves and Turbulence in the Outer Corona and Inner Heliosphere: The Accelerating Expanding Box. Astrophysical Journal, 2017, 843, 26.	1.6	34
81	The Parametric Instability of AlfvÃ©n Waves: Effects of Temperature Anisotropy. Astrophysical Journal, 2017, 851, 99.	1.6	29
82	OBSERVATIONAL SIGNATURES OF CORONAL LOOP HEATING AND COOLING DRIVEN BY FOOTPOINT SHUFFLING. Astrophysical Journal, 2016, 817, 47.	1.6	46
83	CLOSED-FIELD CORONAL HEATING DRIVEN BY WAVE TURBULENCE. Astrophysical Journal, 2016, 832, 180.	1.6	34
84	Theidealtearing mode: theory and resistive MHD simulations. Journal of Physics: Conference Series, 2016, 719, 012016.	0.3	11
85	INWARD MOTIONS IN THE OUTER SOLAR CORONA BETWEEN 7 AND 12 R_{âŠ™}: EVIDENCE FOR WAVES OR MAGNETIC RECONNECTION JETS?. Astrophysical Journal Letters, 2016, 825, L3.	3.0	10
86	â€œIdealâ€•tearing and the transition to fast reconnection in the weakly collisional MHD and EMHD regimes. Journal of Geophysical Research: Space Physics, 2016, 121, 1857-1873.	0.8	28
87	â€˜Ideallyâ€™ unstable current sheets and the triggering of fast magnetic reconnection. Journal of Plasma Physics, 2016, 82, .	0.7	35
88	The FIELDS Instrument Suite for Solar Probe Plus. Space Science Reviews, 2016, 204, 49-82.	3.7	521
89	The Wide-Field Imager for Solar Probe Plus (WISPR). Space Science Reviews, 2016, 204, 83-130.	3.7	140
90	Integrated Science Investigation of the Sun (ISIS): Design of the Energetic Particle Investigation. Space Science Reviews, 2016, 204, 187-256.	3.7	139

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91	Solar Wind Electrons Alphas and Protons (SWEAP) Investigation: Design of the Solar Wind and Coronal Plasma Instrument Suite for Solar Probe Plus. Space Science Reviews, 2016, 204, 131-186.	3.7	439
92	MAGNETIC RECONNECTION: RECURSIVE CURRENT SHEET COLLAPSE TRIGGERED BY â€œIDEALâ€•TEARING. Astrophysical Journal Letters, 2015, 813, L32.	3.0	48
93	THE TEARING MODE INSTABILITY OF THIN CURRENT SHEETS: THE TRANSITION TO FAST RECONNECTION IN THE PRESENCE OF VISCOSITY. Astrophysical Journal, 2015, 801, 145.	1.6	40
94	Models of coronal heating, turbulence and fast reconnection. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140262.	1.6	22
95	Parametric decay of parallel and oblique AlfvÃ©n waves in the expanding solar wind. Journal of Plasma Physics, 2015, 81, .	0.7	35
96	ION KINETIC ENERGY CONSERVATION AND MAGNETIC FIELD STRENGTH CONSTANCY IN MULTI-FLUID SOLAR WIND ALFVÃ‰NIC TURBULENCE. Astrophysical Journal, 2015, 802, 11.	1.6	72
97	RESISTIVE MAGNETOHYDRODYNAMICS SIMULATIONS OF THE IDEAL TEARING MODE. Astrophysical Journal, 2015, 806, 131.	1.6	54
98	Basics of Plasma Astrophysics. UNITEXT for Physics, 2015, , .	0.1	14
99	APPLICATION OF A SOLAR WIND MODEL DRIVEN BY TURBULENCE DISSIPATION TO A 2D MAGNETIC FIELD CONFIGURATION. Astrophysical Journal, 2014, 796, 111.	1.6	35
100	VALIDATING A TIME-DEPENDENT TURBULENCE-DRIVEN MODEL OF THE SOLAR WIND. Astrophysical Journal, 2014, 784, 120.	1.6	76
101	RECONNECTION OF QUASI-SINGULAR CURRENT SHEETS: THE â€œIDEALâ€•TEARING MODE. Astrophysical Journal Letters, 2014, 780, L19.	3.0	140
102	Apparent Solar Tornado-Like Prominences. Solar Physics, 2014, 289, 603-622.	1.0	53
103	Origins of Rolling, Twisting, and Non-radial Propagation of Eruptive Solar Events. Solar Physics, 2013, 287, 391-413.	1.0	70
104	Signatures of kinetic instabilities in the solar wind. Journal of Geophysical Research: Space Physics, 2013, 118, 2771-2782.	0.8	68
105	FIELD LINES TWISTING IN A NOISY CORONA: IMPLICATIONS FOR ENERGY STORAGE AND RELEASE, AND INITIATION OF SOLAR ERUPTIONS. Astrophysical Journal, 2013, 771, 76.	1.6	35
106	Proton thermal energetics in the solar wind: Helios reloaded. Journal of Geophysical Research: Space Physics, 2013, 118, 1351-1365.	0.8	97
107	Parametric decay of radial AlfvÃ©n waves in the expanding accelerating solar wind. Journal of Geophysical Research: Space Physics, 2013, 118, 7507-7516.	0.8	47
108	Coronal heating in coupled photosphere-chromosphere-coronal systems: turbulence and leakage. Astronomy and Astrophysics, 2012, 538, A70.	2.1	36

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109	ON THE ORIGIN OF THE 1/ f SPECTRUM IN THE SOLAR WIND MAGNETIC FIELD. Astrophysical Journal Letters, 2012, 750, L33.	3.0	72
110	Ion Kinetics in the Solar Wind: Coupling Global Expansion to Local Microphysics. Space Science Reviews, 2012, 172, 373-396.	3.7	95
111	INTERCHANGE RECONNECTION IN A TURBULENT CORONA. Astrophysical Journal Letters, 2012, 758, L14.	3.0	43
112	Turbulent coronal heating mechanisms: coupling of dynamics and thermodynamics. Astronomy and Astrophysics, 2012, 544, L20.	2.1	39
113	CORONAL PLUMES IN THE FAST SOLAR WIND. Astrophysical Journal, 2011, 736, 32.	1.6	17
114	Who Needs Turbulence?. Space Science Reviews, 2011, 160, 145-168.	3.7	187
115	Magnetohydrodynamic turbulent cascade of coronal loop magnetic fields. Physical Review E, 2011, 83, 065401.	0.8	18
116	SHEAR PHOTOSPHERIC FORCING AND THE ORIGIN OF TURBULENCE IN CORONAL LOOPS. Astrophysical Journal, 2010, 722, 65-78.	1.6	55
117	A TURBULENCE-DRIVEN MODEL FOR HEATING AND ACCELERATION OF THE FAST WIND IN CORONAL HOLES. Astrophysical Journal Letters, 2010, 708, L116-L120.	3.0	186
118	Kinetics of parametric instabilities of AlfvÃ©n waves: Evolution of ion distribution functions. Journal of Geophysical Research, 2010, 115, .	3.3	58
119	Parametric decay of linearly polarized shear AlfvÃ©n waves in oblique propagation: One and twoâ€dimensional hybrid simulations. Geophysical Research Letters, 2010, 37, .	1.5	46
120	TURBULENCE IN THE SUB-ALFVÃ‰NIC SOLAR WIND DRIVEN BY REFLECTION OF LOW-FREQUENCY ALFVÃ‰N WAVES. Astrophysical Journal, 2009, 700, L39-L42.	1.6	71
121	Three-dimensional simulations of compressible tearing instability. Physics of Plasmas, 2008, 15, .	0.7	26
122	Nonlinear Dynamics of the Parker Scenario for Coronal Heating. Astrophysical Journal, 2008, 677, 1348-1366.	1.6	183
123	Alfven Waves and Turbulence in the Solar Atmosphere and Solar Wind. Astrophysical Journal, 2007, 662, 669-676.	1.6	207
124	Coronal Heating, Weak MHD Turbulence, and Scaling Laws. Astrophysical Journal, 2007, 657, L47-L51.	1.6	111
125	Evolution of the solar wind proton temperature anisotropy from 0.3 to 2.5 AU. Geophysical Research Letters, 2007, 34, .	1.5	177
126	Heliospheric magnetic field polarity inversions driven by radial velocity field structures. Geophysical Research Letters, 2006, 33, .	1.5	50

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127	Parallel proton fire hose instability in the expanding solar wind: Hybrid simulations. Journal of Geophysical Research, 2006, 111, .	3.3	79
128	Alfven Waves and Shock Wave Formation at an Xâ€Point Magnetic Field Configuration. Astrophysical Journal, 2005, 624, 392-401.	1.6	40
129	Diamagnetic and Expansion Effects on the Observable Properties of the Slow Solar Wind in a Coronal Streamer. Astrophysical Journal, 2005, 633, 474-488.	1.6	45
130	AlfvÃ©n wave propagation and ion cyclotron interactions in the expanding solar wind: One-dimensional hybrid simulations. Journal of Geophysical Research, 2001, 106, 29261-29281.	3.3	89
131	Parametric decay of circularly polarized AlfvÃ©n waves: Multidimensional simulations in periodic and open domains. Astronomy and Astrophysics, 2001, 367, 705-718.	2.1	144
132	Hybrid simulations of collapse of Alfvèlnic wave packets. Physics of Plasmas, 2000, 7, 3998.	0.7	18
133	The distribution of flares, statistics of magnetohydrodynamic turbulence and coronal heating. Physics of Plasmas, 1999, 6, 4146-4153.	0.7	67
134	AlfvÃ©n Wave Generation in Photospheric Vortex Filaments, Macrospicules, and "Solar Tornadoes". Space Science Reviews, 1999, 87, 339-343.	3.7	20
135	Nonlinear Magnetohydrodynamic Evolution of Lineâ€tied Coronal Loops. Astrophysical Journal, 1998, 494, 840-850.	1.6	61
136	Statistical Properties of Magnetic Activity in the Solar Corona. Astrophysical Journal, 1998, 497, 957-966.	1.6	76
137	KINK MODES AND CURRENT SHEETS IN CORONAL LOOPS. Solar Physics, 1997, 172, 257-266.	1.0	23
138	Waves and streams in the expanding solar wind. Journal of Geophysical Research, 1996, 101, 425-444.	3.3	99
139	Parametric instability of a largeâ€amplitude nonmonochromatic AlfvÃ©n wave. Physics of Plasmas, 1996, 3, 4427-4433.	0.7	61
140	Energy Release in a Turbulent Corona. Astrophysical Journal, 1996, 457, .	1.6	144
141	Nonlinear wave evolution in the expanding solar wind. Physical Review Letters, 1993, 70, 2190-2193.	2.9	99
142	MHD turbulence in an expanding atmosphere. AIP Conference Proceedings, 1992, , .	0.3	15
143	Waves from the sun?. Geophysical and Astrophysical Fluid Dynamics, 1991, 62, 101-121.	0.4	51
144	Solar wind expansion effects on the evolution of hydromagnetic turbulence in the interplanetary medium. Computer Physics Communications, 1990, 59, 153-162.	3.0	23

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145	Boundary effects on the magnetohydrodynamic stability of a resistive plasma. Astrophysical Journal, 1990, 350, 419.	1.6	27
146	Turbulent cascade of incompressible unidirectional AlfvÃ©n waves in the interplanetary medium. Physical Review Letters, 1989, 63, 1807-1810.	2.9	128
147	Resistive tearing in line-tied magnetic fields: Slab geometry. Solar Physics, 1989, 119, 107-124.	1.0	25
148	The first Coronal Mass Ejection observed in both visible-light and UV H I Ly-alpha channels of the Metis Coronagraph on board Solar Orbiter. Astronomy and Astrophysics, 0, , .	2.1	11