Leon Ofman

List of Publications by Year
in descending order

160 papers	7,886 citations	44042 48 h-index	53190 85 g-index
163 all docs	163 docs citations	163 times ranked	2220 citing authors

#	Article	IF	Citations
1	Automated identification of transiting exoplanet candidates in NASA Transiting Exoplanets Survey Satellite (TESS) data with machine learning methods. New Astronomy, 2022, 91, 101693.	0.8	12
2	Excitation and Damping of Slow Magnetosonic Waves in Flaring Hot Coronal Loops: Effects of Compressive Viscosity. Astrophysical Journal, 2022, 926, 64.	1.6	8
3	Modeling Ion Beams, Kinetic Instabilities, and Waves Observed by the Parker Solar Probe near Perihelia. Astrophysical Journal, 2022, 926, 185.	1.6	7
4	Slow-Mode Magnetoacoustic Waves in Coronal Loops. Space Science Reviews, 2021, 217, 1.	3.7	62
5	Simulating the Solar Minimum Corona in UV Wavelengths with Forward Modeling II. Doppler Dimming and Microscopic Anisotropy Effect. Astrophysical Journal, 2021, 912, 141.	1.6	11
6	Oblique High Mach Number Heliospheric Shocks: The Role of Î± Particles. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028962.	0.8	1
7	Magnetohydrodynamic Waves in Open Coronal Structures. Space Science Reviews, 2021, 217, 1.	3.7	41
8	Rossby Waves in Astrophysics. Space Science Reviews, 2021, 217, 1.	3.7	47
9	Coronal Heating by MHD Waves. Space Science Reviews, 2020, 216, 1.	3.7	127
10	Fast Magnetosonic Waves and Flows in a Solar Prominence Foot: Observations and Modeling. Astrophysical Journal, 2020, 899, 99.	1.6	2
11	Pitch Angle Scattering of Subâ€MeV Relativistic Electrons by Electromagnetic Ion Cyclotron Waves. Journal of Geophysical Research: Space Physics, 2019, 124, 5610-5626.	0.8	41
12	Hybrid Simulation of Solar-Wind-Like Turbulence. Solar Physics, 2019, 294, 1.	1.0	5
13	Understanding the Role of Î± Particles in Oblique Heliospheric Shock Oscillations. Journal of Geophysical Research: Space Physics, 2019, 124, 2393-2405.	0.8	7
14	Nonlinear Evolution of Ion Kinetic Instabilities in the Solar Wind. Solar Physics, 2019, 294, 1.	1.0	10
15	UV core dimming in coronal streamer belt and the projection effects. Astronomy and Astrophysics, 2019, 623, A95.	2.1	2
16	Determination of Transport Coefficients by Coronal Seismology of Flare-induced Slow-mode Waves: Numerical Parametric Study of a 1D Loop Model. Astrophysical Journal, 2019, 886, 2.	1.6	20
17	Collisionless relaxation of the ion ring distribution in space plasma. Planetary and Space Science, 2019, 165, 75-84.	0.9	0
18	Kelvinâ€“Helmholtz instability in a twisting solar polar coronal hole jet observed by SDO/AIA. Advances in Space Research, 2018, 61, 628-638.	1.2	13

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19	Excitation of flare-induced waves in coronal loops and the effects of radiative cooling. Advances in Space Research, 2018, 61, 645-654.	1.2	15
20	A Truly Global Extreme Ultraviolet Wave from the SOL2017-09-10 X8.2+ Solar Flare-Coronal Mass Ejection. Astrophysical Journal Letters, 2018, 864, L24.	3.0	40
21	Quasi-periodic Counter-propagating Fast Magnetosonic Wave Trains from Neighboring Flares: SDO/AIA Observations and 3D MHD Modeling. Astrophysical Journal, 2018, 860, 54.	1.6	27
22	Motions in Prominence Barbs Observed on the Solar Limb. Astrophysical Journal, 2018, 859, 121.	1.6	8
23	Effect of Transport Coefficients on Excitation of Flare-induced Standing Slow-mode Waves in Coronal Loops. Astrophysical Journal, 2018, 860, 107.	1.6	24
24	Can Rotating Hot Plasma Jets In The Solar Corona Become Unstable?. , 2018, , .		0
25	HÎ± Doppler shifts in a tornado in the solar corona. Astronomy and Astrophysics, 2017, 597, A109.	2.1	20
26	Energy Release in the Solar Atmosphere from a Stream of Infalling Prominence Debris. Astrophysical Journal Letters, 2017, 847, L17.	3.0	0
27	Growth and nonlinear saturation of electromagnetic ion cyclotron waves in multiâ€ion species magnetospheric plasma. Journal of Geophysical Research: Space Physics, 2017, 122, 6469-6484.	0.8	10
28	The effects of inhomogeneous protonâ€Î± drifts on the heating of the solar wind. Journal of Geophysical Research: Space Physics, 2017, 122, 5839-5855.	0.8	13
29	Quasi-periodic fast-mode magnetosonic wave trains within coronal waveguides associated with flares and CMEs. AIP Conference Proceedings, 2016, , .	0.3	3
30	Inference of magnetic field in the coronal streamer invoking kink wave motions generated by multiple EUV waves. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1409-1415.	1.6	5
31	Slow Solar Wind: Observations and Modeling. Space Science Reviews, 2016, 201, 55-108.	3.7	147
32	Heating and acceleration of solar wind ions by turbulent wave spectrum in inhomogeneous expanding plasma. AIP Conference Proceedings, 2016, , .	0.3	0
33	NONLINEAR MHD WAVES IN A PROMINENCE FOOT. Astrophysical Journal, 2015, 813, 124.	1.6	12
34	Evidence of thermal conduction suppression in hot coronal loops: supplementary results. Proceedings of the International Astronomical Union, 2015, 11, 202-208.	0.0	2
35	EVIDENCE OF THERMAL CONDUCTION SUPPRESSION IN A SOLAR FLARING LOOP BY CORONAL SEISMOLOGY OF SLOW-MODE WAVES. Astrophysical Journal Letters, 2015, 811, L13.	3.0	63
36	Relative drifts and temperature anisotropies of protons andÎ±particles in the expanding solar wind: 2.5D hybrid simulations. Astronomy and Astrophysics, 2015, 578, A85.	2.1	29

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37	Three-dimensional MHD modeling of vertical kink oscillations in an active region plasma curtain. Astronomy and Astrophysics, 2015, 582, A75.	2.1	8
38	Three-dimensional multi-fluid model of a coronal streamer belt with a tilted magnetic dipole. Annales Geophysicae, 2015, 33, 47-53.	0.6	5
39	STABILITY OF ROTATING MAGNETIZED JETS IN THE SOLAR ATMOSPHERE. I. KELVINâ€“HELMHOLTZ INSTABILITY. Astrophysical Journal, 2015, 813, 123.	1.6	63
40	ION HEATING IN INHOMOGENEOUS EXPANDING SOLAR WIND PLASMA: THE ROLE OF PARALLEL AND OBLIQUE ION-CYCLOTRON WAVES. Astrophysical Journal, 2015, 799, 77.	1.6	23
41	Twoâ€dimensional hybrid models of H⁺â€He⁺⁺ expanding solar wind plasma heating. Journal of Geophysical Research: Space Physics, 2014, 119, 4223-4238.	0.8	24
42	Advances in Observing Various Coronal EUV Waves in the SDO Era and Their Seismological Applications (Invited Review). Solar Physics, 2014, 289, 3233-3277.	1.0	163
43	GLOBAL CORONAL SEISMOLOGY IN THE EXTENDED SOLAR CORONA THROUGH FAST MAGNETOSONIC WAVES OBSERVED BYSTEREOSECCHI COR1. Astrophysical Journal, 2013, 776, 55.	1.6	24
44	MEASURING TEMPERATURE-DEPENDENT PROPAGATING DISTURBANCES IN CORONAL FAN LOOPS USING MULTIPLESDO/AIA CHANNELS AND THE SURFING TRANSFORM TECHNIQUE. Astrophysical Journal, 2013, 778, 26.	1.6	29
45	STOCHASTIC COUPLING OF SOLAR PHOTOSPHERE AND CORONA. Astrophysical Journal, 2013, 769, 62.	1.6	31
46	Twoâ€dimensional hybrid simulations of quasiâ€perpendicular collisionless shock dynamics: Gyrating downstream ion distributions. Journal of Geophysical Research: Space Physics, 2013, 118, 1828-1836.	0.8	35
47	Rippled quasiâ€perpendicular collisionless shocks: Local and global normals. Journal of Geophysical Research: Space Physics, 2013, 118, 5999-6006.	0.8	22
48	Turbulent heating and acceleration of He⁺⁺ ions by spectra of AlfvÃ©nâ€cyclotron waves in the expanding solar wind: 1.5â€D hybrid simulations. Journal of Geophysical Research: Space Physics, 2013, 118, 2842-2853.	0.8	39
49	The effect of broad-band Alfvèn-cyclotron waves spectra on the preferential heating and differential acceleration of He[sup ++] ions in the solar wind. , 2013, , .		0
50	STEREOOBSERVATIONS OF FAST MAGNETOSONIC WAVES IN THE EXTENDED SOLAR CORONA ASSOCIATED WITH EIT/EUV WAVES. Astrophysical Journal, 2013, 766, 55.	1.6	48
51	THREE-DIMENSIONAL MAGNETOHYDRODYNAMIC MODELING OF PROPAGATING DISTURBANCES IN FAN-LIKE CORONAL LOOPS. Astrophysical Journal Letters, 2013, 775, L23.	3.0	39
52	ENERGY RELEASE FROM IMPACTING PROMINENCE MATERIAL FOLLOWING THE 2011 JUNE 7 ERUPTION. Astrophysical Journal Letters, 2013, 776, L12.	3.0	40
53	OBSERVATIONS AND MODELS OF SLOW SOLAR WIND WITH Mg^{9 +}IONS IN QUIESCENT STREAMERS. Astrophysical Journal, 2013, 762, 18.	1.6	10
54	QUASI-PERIODIC FAST-MODE WAVE TRAINS WITHIN A GLOBAL EUV WAVE AND SEQUENTIAL TRANSVERSE OSCILLATIONS DETECTED BYSDO/AIA. Astrophysical Journal, 2012, 753, 52.	1.6	131

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55	SLOW MAGNETOSONIC WAVES AND FAST FLOWS IN ACTIVE REGION LOOPS. Astrophysical Journal, 2012, 754, 111.	1.6	65
56	PERSISTENT DOPPLER SHIFT OSCILLATIONS OBSERVED WITHHINODE/EIS IN THE SOLAR CORONA: SPECTROSCOPIC SIGNATURES OF ALFVÃ‰NIC WAVES AND RECURRING UPFLOWS. Astrophysical Journal, 2012, 759, 144.	1.6	134
57	Hybrid simulation of the shock wave trailing the Moon. Journal of Geophysical Research, 2012, 117, .	3.3	3
58	GROWING TRANSVERSE OSCILLATIONS OF A MULTISTRANDED LOOP OBSERVED BY SDO /AIA. Astrophysical Journal Letters, 2012, 751, L27.	3.0	113
59	THE ROLE OF ACTIVE REGION LOOP GEOMETRY. II. SYMMETRY BREAKING IN THREE-DIMENSIONAL ACTIVE REGION: WHY ARE VERTICAL KINK OSCILLATIONS OBSERVED SO RARELY?. Astrophysical Journal, 2011, 728, 87.	1.6	23
60	SDO /AIA OBSERVATION OF KELVINâ€“HELMHOLTZ INSTABILITY IN THE SOLAR CORONA. Astrophysical Journal Letters, 2011, 734, L11.	3.0	98
61	THE ROLE OF ACTIVE REGION LOOP GEOMETRY. I. HOW CAN IT AFFECT CORONAL SEISMOLOGY?. Astrophysical Journal, 2011, 726, 42.	1.6	18
62	PROBING THE THERMODYNAMICS AND KINEMATICS OF SOLAR CORONAL STREAMERS. Astrophysical Journal, 2011, 728, 67.	1.6	13
63	MULTI-FLUID MODEL OF A STREAMER AT SOLAR MINIMUM AND COMPARISON WITH OBSERVATIONS. Astrophysical Journal, 2011, 734, 30.	1.6	16
64	MODELING SUPER-FAST MAGNETOSONIC WAVES OBSERVED BY SDO IN ACTIVE REGION FUNNELS. Astrophysical Journal Letters, 2011, 740, L33.	3.0	50
65	SLOW MAGNETOACOUSTIC WAVE OSCILLATION OF AN EXPANDING CORONAL LOOP. Astrophysical Journal, 2011, 739, 75.	1.6	5
66	Hybrid simulation of ion-acoustic waves excitation by non-linear AlfvÃ©n wave. Advances in Space Research, 2011, 48, 25-31.	1.2	6
67	Hybrid models of solar wind plasma heating. Annales Geophysicae, 2011, 29, 1071-1079.	0.6	20
68	DIRECT IMAGING OF QUASI-PERIODIC FAST PROPAGATING WAVES OF â^¼2000 km s ^{â€“1} IN THE LOW SOLAR CORONA BY THE SOLAR DYNAMICS OBSERVATORY ATMOSPHERIC IMAGING ASSEMBLY. Astrophysical Journal Letters, 2011, 736, L13.	3.0	128
69	Wave Modeling of the Solar Wind. Living Reviews in Solar Physics, 2010, 7, 4.	7.8	76
70	WINDS FROM LUMINOUS LATE-TYPE STARS. II. BROADBAND FREQUENCY DISTRIBUTION OF ALFVÃ‰N WAVES. Astrophysical Journal, 2010, 723, 1210-1218.	1.6	36
71	THE ROLE OF ACTIVE REGION TOPOLOGY IN EXCITATION, TRAPPING, AND DAMPING OF CORONAL LOOP OSCILLATIONS. Astrophysical Journal, 2010, 714, 170-177.	1.6	18
72	GLOBAL SIMULATION OF AN EXTREME ULTRAVIOLET IMAGING TELESCOPE WAVE. Astrophysical Journal, 2010, 713, 1008-1015.	1.6	66

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73	Web-Based Data Processing System for Automated Detection of Oscillations with Applications to the Solar Atmosphere. Solar Physics, 2010, 266, 349-367.	1.0	20
74	Excitation of vertical kink waves in a solar coronal arcade loop by a periodic driver. Astronomy and Astrophysics, 2010, 512, A76.	2.1	10
75	Streamers study at solar minimum: combination of UV observations and numerical modeling. , 2010, , .		2
76	Hybrid model of inhomogeneous solar wind plasma heating by AlfvÃ©n wave spectrum: Parametric studies. Journal of Geophysical Research, 2010, 115, .	3.3	28
77	PROPAGATING SLOW MAGNETOACOUSTIC WAVES IN CORONAL LOOPS OBSERVED BYHINODE/EIS. Astrophysical Journal, 2009, 696, 1448-1460.	1.6	76
78	Hinode/EIS observations of propagating low-frequency slow magnetoacoustic waves in fan-like coronal loops. Astronomy and Astrophysics, 2009, 503, L25-L28.	2.1	91
79	3-D numerical simulations of coronal loops oscillations. Annales Geophysicae, 2009, 27, 3899-3908.	0.6	25
80	Progress, Challenges, and Perspectives of the 3D MHD Numerical Modeling of Oscillations in the Solar Corona. Space Science Reviews, 2009, 149, 153-174.	3.7	31
81	Collisionless relaxation of ion distributions downstream of laminar quasiâ€perpendicular shocks. Journal of Geophysical Research, 2009, 114, .	3.3	51
82	THREE-DIMENSIONAL MAGNETOHYDRODYNAMIC MODELS OF TWISTED MULTITHREADED CORONAL LOOP OSCILLATIONS. Astrophysical Journal, 2009, 694, 502-511.	1.6	41
83	Threeâ€dimensional Magnetohydrodynamic Wave Behavior in Active Regions: Individual Loop Density Structure. Astrophysical Journal, 2008, 682, 1338-1350.	1.6	44
84	Three-dimensional MHD modeling of waves in active region loops. Proceedings of the International Astronomical Union, 2008, 4, 151-154.	0.0	2
85	Hinode observations of transverse waves with flows in coronal loops. Astronomy and Astrophysics, 2008, 482, L9-L12.	2.1	125
86	Standing fast magnetoacoustic kink waves of solar coronal loops with field-aligned flow. Astronomy and Astrophysics, 2008, 488, 757-761.	2.1	21
87	Numerical Simulations of Slow Standing Waves in a Curved Solar Coronal Loop. Astrophysical Journal, 2007, 668, L83-L86.	1.6	43
88	Threeâ€dimensional MHD Model of Wave Activity in a Coronal Active Region. Astrophysical Journal, 2007, 655, 1134-1141.	1.6	51
89	Two-dimensional hybrid model of wave and beam heating of multi-ion solar wind plasma. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	31
90	Understanding coronal heating and solar wind acceleration: Case for in situ near-Sun measurements. Reviews of Geophysics, 2007, 45, .	9.0	85

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91	Attenuation of AlfvÃ©n waves in straight and curved coronal slabs. Astronomy and Astrophysics, 2007, 469, 1117-1121.	2.1	15
92	Semiempirically derived heating function of the corona heliosphere during the Whole Sun Month. Journal of Geophysical Research, 2006, 111, .	3.3	17
93	Improved input to the empirical coronal mass ejection (CME) driven shock arrival model from CME cone models. Space Weather, 2006, 4, n/a-n/a.	1.3	23
94	Numerical simulations of vertical oscillations of a multi-stranded coronal loop. Astronomy and Astrophysics, 2006, 460, 887-892.	2.1	21
95	Oscillations of Hard X-Ray Flare Emission Observed by RHESSI : Effects of Super-AlfvÃ©nic Beams?. Astrophysical Journal, 2006, 644, L149-L152.	1.6	55
96	Wave acceleration of the fast solar wind. Advances in Space Research, 2006, 38, 64-74.	1.2	4
97	Three dimensional MHD models of active region loops. Advances in Space Research, 2005, 36, 1572-1578.	1.2	29
98	MHD Waves and Heating in Coronal Holes. Space Science Reviews, 2005, 120, 67-94.	3.7	66
99	High-frequency AlfvÃ©n waves in multi-ion coronal plasma: Observational implications. Journal of Geophysical Research, 2005, 110, .	3.3	24
100	Characteristics of transverse oscillations in a coronal loop arcade. Solar Physics, 2004, 223, 77-94.	1.0	234
101	The origin of the slow solar wind in coronal streamers. Advances in Space Research, 2004, 33, 681-688.	1.2	17
102	Three-fluid model of the heating and acceleration of the fast solar wind. Journal of Geophysical Research, 2004, 109, .	3.3	47
103	Cone model for halo CMEs: Application to space weather forecasting. Journal of Geophysical Research, 2004, 109, .	3.3	223
104	Multiple ions resonant heating and acceleration by AlfvÃ©n/cyclotron fluctuations in the corona and the solar wind. Journal of Geophysical Research, 2004, 109, .	3.3	40
105	Loop Density Enhancement by Nonlinear Magnetohydrodynamic Waves. Astrophysical Journal, 2004, 610, 523-531.	1.6	71
106	Parallel electric field in the auroral ionosphere: excitation of acoustic waves by AlfvÃ©n waves. Annales Geophysicae, 2004, 22, 2797-2804.	0.6	3
107	Consequences of proton and alpha anisotropies in the solar wind: Hybrid simulations. Journal of Geophysical Research, 2003, 108, .	3.3	51
108	Development of Multidimensional MHD Model for the Solar Corona and Solar Wind. AIP Conference Proceedings, 2003, , .	0.3	5

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109	Flows in coronal loops driven by Alfvèn waves: 1.5 MHD simulations with transparent boundary conditions. AIP Conference Proceedings, 2003, , .	0.3	2
110	Wave Heating and Acceleration of the Fast Solar Wind. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2003, , 349-365.	0.1	0
111	Hot Coronal Loop Oscillations Observed by SUMER: Slow Magnetosonic Wave Damping by Thermal Conduction. Astrophysical Journal, 2002, 580, L85-L88.	1.6	231
112	Chromospheric Leakage of AlfvÃ©n Waves in Coronal Loops. Astrophysical Journal, 2002, 568, L135-L138.	1.6	56
113	Resonant heating and acceleration of ions in coronal holes driven by cyclotron resonant spectra. Journal of Geophysical Research, 2002, 107, SSH 9-1-SSH 9-9.	3.3	52
114	Interaction of EIT Waves with Coronal Active Regions. Astrophysical Journal, 2002, 574, 440-452.	1.6	156
115	Damping Time Scaling of Coronal Loop Oscillations Deduced from [ITAL]Transition Region and Coronal Explorer[/ITAL] Observations. Astrophysical Journal, 2002, 576, L153-L156.	1.6	182
116	Estimating random transverse velocities in the fast solar wind from EISCAT Interplanetary Scintillation measurements. Annales Geophysicae, 2002, 20, 1265-1277.	0.6	28
117	Reconnection remnants in the magnetic cloud of October 18-19, 1995: A shock, monochromatic wave, heat flux dropout, and energetic ion beam. Journal of Geophysical Research, 2001, 106, 15985-16000.	3.3	18
118	Electromagnetic heavy ion cyclotron instability: Anisotropy constraint in the solar corona. Journal of Geophysical Research, 2001, 106, 10715-10722.	3.3	37
119	Determination of the coronal magnetic field by coronal loop oscillations. Astronomy and Astrophysics, 2001, 372, L53-L56.	2.1	424
120	Constraints on the O[TSUP]+5[/TSUP] Anisotropy in the Solar Corona. Astrophysical Journal, 2001, 547, L175-L178.	1.6	41
121	Threeâ€Fluid 2.5â€dimensional Magnetohydrodynamic Model of the Effective Temperature in Coronal Holes. Astrophysical Journal, 2001, 553, 935-940.	1.6	26
122	Numerical simulations of trapped slow magnetosonic waves in solar coronal plumes. Advances in Space Research, 2000, 25, 1909-1912.	1.2	3
123	Three-fluid 2.5D MHD models of waves in solar coronal holes and the relation to SOHO/UVCS observations. AIP Conference Proceedings, 2000, , .	0.3	1
124	Dissipation of Slow Magnetosonic Waves in Coronal Plumes. Astrophysical Journal, 2000, 533, 1071-1083.	1.6	106
125	UVCS WLC Observations of Compressional Waves in the South Polar Coronal Hole. Astrophysical Journal, 2000, 529, 592-598.	1.6	82
126	Imaging the Sun In Extreme Ultraviolet and in X-Rays with Spaceborne Instruments. Optics and Photonics News, 2000, 11, 54.	0.4	0

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127	Source regions of the slow solar wind in coronal streamers. Geophysical Research Letters, 2000, 27, 2885-2888.	1.5	34
128	Winds from Luminous Lateâ€Type Stars. I. The Effects of Nonlinear Alfven Waves. Astrophysical Journal, 2000, 528, 965-971.	1.6	40
129	Alfvèn wave phase mixing driven by velocity shear in two dimensions. , 1999, , .		2
130	Two-fluid 2.5D MHD model of the fast solar wind and the effective proton temperature. , 1999, , .		4
131	Title is missing!. Space Science Reviews, 1999, 87, 165-168.	3.7	3
132	Soho Observations of Density Fluctuations in Coronal Holes. Space Science Reviews, 1999, 87, 287-290.	3.7	1
133	TRACE Observation of Damped Coronal Loop Oscillations: Implications for Coronal Heating. Science, 1999, 285, 862-864.	6.0	821
134	AlfvÃ©n wave phase mixing driven by velocity shear in two-dimensional open magnetic configurations. Journal of Geophysical Research, 1999, 104, 17057-17068.	3.3	29
135	Slow Magnetosonic Waves in Coronal Plumes. Astrophysical Journal, 1999, 514, 441-447.	1.6	225
136	SUMER Observations of the Evolution and the Disappearance of a Solar Prominence. Solar Physics, 1998, 183, 97-106.	1.0	18
137	Solar wind acceleration by large-amplitude nonlinear waves: Parametric study. Journal of Geophysical Research, 1998, 103, 23677-23690.	3.3	82
138	A Selfâ€consistent Model for the Resonant Heating of Coronal Loops: The Effects of Coupling with the Chromosphere. Astrophysical Journal, 1998, 493, 474-479.	1.6	95
139	Ultraviolet Coronagraph Spectrometer Observations of Density Fluctuations in the Solar Wind. Astrophysical Journal, 1997, 491, L111-L114.	1.6	187
140	Solar Wind Acceleration by Solitary Waves in Coronal Holes. Astrophysical Journal, 1997, 476, 357-365.	1.6	66
141	Do First Results from [ITAL]SOHO[/ITAL] UVCS Indicate that the Solar Wind is Accelerated by Solitary Waves?. Astrophysical Journal, 1997, 476, L51-L54.	1.6	35
142	Solitary waves in coronal holes-predicted signatures close to the sun. AIP Conference Proceedings, 1997, , .	0.3	0
143	Heating of coronal holes by the resonant absorption and dissipation of Alfvèn waves. AIP Conference Proceedings, 1996, , .	0.3	0
144	Signatures of Global Mode AlfvÃ©n Resonance Heating in Coronal Loops. Astrophysical Journal, 1996, 459, .	1.6	13

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145	Nonlinear Excitation of Global Modes and Heating in Randomly Driven Coronal Loops. Astrophysical Journal, 1996, 456, .	1.6	14
146	Magnetic reconnection and current-sheet formation at X-type neutral points. Geophysical Monograph Series, 1995, , 189-196.	0.1	3
147	Reply to â€œComment on nonlinear studies of coronal heating by the resonant absorption of AlfvÃ©n wavesâ€•by J. V. Hollweg. Geophysical Research Letters, 1995, 22, 2679-2680.	1.5	0
148	Nonlinear resonant absorption of AlfvÃ©n waves in three dimensions, scaling laws, and coronal heating. Journal of Geophysical Research, 1995, 100, 23427.	3.3	57
149	AlfvÃ©n wave heating of coronal holes and the relation to the high-speed solar wind. Journal of Geophysical Research, 1995, 100, 23413.	3.3	55
150	Coronal heating by the resonant absorption of Alfven waves: Wavenumber scaling laws.. Astrophysical Journal, 1995, 444, 471.	1.6	71
151	Nonlinear studies of coronal heating by the resonant absorption of AlfvÃ©n waves. Geophysical Research Letters, 1994, 21, 2259-2262.	1.5	65
152	Coronal heating by the resonant absorption of Alfven waves: The effect of viscous stress tensor. Astrophysical Journal, 1994, 421, 360.	1.6	104
153	Nonlinear evolution of resistive tearing mode instability with shear flow and viscosity. Physics of Fluids B, 1993, 5, 376-387.	1.7	47
154	Double tearing instability with shear flow. Physics of Fluids B, 1992, 4, 2751-2757.	1.7	65
155	Resistive tearing mode instability with shear flow and viscosity. Physics of Fluids B, 1991, 3, 1364-1373.	1.7	79
156	Thermally conductive magnetohydrodynamic flows in helmet-streamer coronal structures. Astrophysical Journal, 1990, 350, 846.	1.6	29
157	On the dispersion of ion cyclotron waves in H⁺â^'He^{+ +} solar windâ€like magnetized plasmas. Journal of Geophysical Research, 1988, 93, 2533-2538.	3.3	12
158	Nonlinear aspects of collective, electromagnetic interactions in magnetized plasmas with anisotropic protons and isotropic alpha particles. Journal of Plasma Physics, 1986, 36, 387-405.	0.7	4
159	Magnetic configurations for axisymmetric tandem mirror devices. Computer Physics Communications, 1986, 42, 217-232.	3.0	0
160	ACCELERATION AND HEATING OF SOLAR WIND IONS BY NONLINEAR WAVES. , 0, , 1-20.		0