

Jose L Ballester

List of Publications by Year in descending order

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173
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173
times ranked

1318
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics of Solar Prominences: IIâ€”Magnetic Structure and Dynamics. <i>Space Science Reviews</i> , 2010, 151, 333-399.	8.1	485
2	On the nature of kink MHD waves in magnetic flux tubes. <i>Astronomy and Astrophysics</i> , 2009, 503, 213-223.	5.1	178
3	OSCILLATIONS IN QUIESCENT SOLAR PROMINENCES OBSERVATIONS AND THEORY â€” (Invited Review). <i>Solar Physics</i> , 2002, 206, 45-67.	2.5	158
4	Nonlinear Instability of Kink Oscillations due to Shear Motions. <i>Astrophysical Journal</i> , 2008, 687, L115-L118.	4.5	135
5	Emergence of magnetic flux on the Sun as the cause of a 158-day periodicity in sunspot areas. <i>Nature</i> , 1998, 394, 552-553.	27.8	128
6	Prominence Oscillations. <i>Living Reviews in Solar Physics</i> , 2012, 9, 1.	22.0	111
7	SWAYING THREADS OF A SOLAR FILAMENT. <i>Astrophysical Journal</i> , 2009, 704, 870-876.	4.5	108
8	Partially Ionized Plasmas in Astrophysics. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	102
9	Analytic approximate seismology of transversely oscillating coronal loops. <i>Astronomy and Astrophysics</i> , 2008, 484, 851-857.	5.1	101
10	Damped Coronal Loop Oscillations: Timeâ€”dependent Results. <i>Astrophysical Journal</i> , 2006, 642, 533-540.	4.5	100
11	The periodic behaviour of the North-South asymmetry of sunspot areas revisited. <i>Astronomy and Astrophysics</i> , 2005, 431, L5-L8.	5.1	93
12	MAGNETIC ROSSBY WAVES IN THE SOLAR TACHOCLINE AND RIEGER-TYPE PERIODICITIES. <i>Astrophysical Journal</i> , 2010, 709, 749-758.	4.5	90
13	Fast Magnetohydrodynamic Oscillations in Cylindrical Prominence Fibrils. <i>Astrophysical Journal</i> , 2002, 580, 550-565.	4.5	90
14	The north-south asymmetry of sunspot areas during solar cycle 22. <i>Solar Physics</i> , 1994, 152, 481-485.	2.5	88
15	QUASI-BIENNIAL OSCILLATIONS IN THE SOLAR TACHOCLINE CAUSED BY MAGNETIC ROSSBY WAVE INSTABILITIES. <i>Astrophysical Journal Letters</i> , 2010, 724, L95-L98.	8.3	85
16	The Near 160 Day Periodicity in the Photospheric Magnetic Flux. <i>Astrophysical Journal</i> , 2002, 566, 505-511.	4.5	82
17	Damping of oscillations by ion-neutral collisions in a prominence plasma. <i>Astronomy and Astrophysics</i> , 2007, 461, 731-739.	5.1	82
18	Two-dimensional distribution of oscillations in a quiescent solar prominence. <i>Astronomy and Astrophysics</i> , 2002, 393, 637-647.	5.1	79

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19	Resonant Absorption in Complicated Plasma Configurations: Applications to Multistranded Coronal Loop Oscillations. <i>Astrophysical Journal</i> , 2008, 679, 1611-1620.	4.5	79
20	Rossby waves in shallow water magnetohydrodynamics. <i>Astronomy and Astrophysics</i> , 2007, 470, 815-820.	5.1	77
21	Transverse Oscillations of Flowing Prominence Threads Observed with Hinode. <i>Astrophysical Journal</i> , 2008, 678, L153-L156.	4.5	76
22	Damping of Fast Magnetohydrodynamic Oscillations in Quiescent Filament Threads. <i>Astrophysical Journal</i> , 2008, 682, L141-L144.	4.5	72
23	Fast MHD oscillations in prominence fine structures. <i>Astronomy and Astrophysics</i> , 2001, 379, 1083-1097.	5.1	69
24	Oscillations of a quiescent solar prominence embedded in a hot corona. <i>Astrophysical Journal</i> , 1993, 409, 809.	4.5	69
25	MAGNETOHYDRODYNAMIC WAVES IN A PARTIALLY IONIZED FILAMENT THREAD. <i>Astrophysical Journal</i> , 2009, 699, 1553-1562.	4.5	66
26	Application of Statistical Techniques to the Analysis of Solar Coronal Oscillations. <i>Astrophysical Journal</i> , 2004, 614, 435-447.	4.5	65
27	Damping of Kink Oscillations in Curved Coronal Loops. <i>Astrophysical Journal</i> , 2006, 650, L91-L94.	4.5	64
28	DAMPING OF FILAMENT THREAD OSCILLATIONS: EFFECT OF THE SLOW CONTINUUM. <i>Astrophysical Journal</i> , 2009, 695, L166-L170.	4.5	59
29	ALFVÉN WAVES IN A PARTIALLY IONIZED TWO-FLUID PLASMA. <i>Astrophysical Journal</i> , 2013, 767, 171.	4.5	59
30	On the excitation of trapped and leaky modes in coronal slabs. <i>Astronomy and Astrophysics</i> , 2005, 441, 371-378.	5.1	57
31	Prominence oscillations. <i>Living Reviews in Solar Physics</i> , 2018, 15, 1.	22.0	57
32	Time damping of linear non-adiabatic magnetohydrodynamic waves in an unbounded plasma with solar coronal properties. <i>Astronomy and Astrophysics</i> , 2004, 415, 739-750.	5.1	57
33	The statistical significance of the North-South asymmetry of solar activity revisited. <i>Astronomy and Astrophysics</i> , 2007, 476, 951-957.	5.1	55
34	GLOBAL SHALLOW WATER MAGNETOHYDRODYNAMIC WAVES IN THE SOLAR TACHOCLINE. <i>Astrophysical Journal</i> , 2009, 691, L41-L44.	4.5	55
35	Discovery of the Near 158 Day Periodicity in Group Sunspot Numbers during the Eighteenth Century. <i>Astrophysical Journal</i> , 1999, 522, L153-L156.	4.5	54
36	KELVIN-HELMHOLTZ INSTABILITY IN CORONAL MAGNETIC FLUX TUBES DUE TO AZIMUTHAL SHEAR FLOWS. <i>Astrophysical Journal</i> , 2010, 712, 875-882.	4.5	52

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37	Rescaled range analysis of the asymmetry of solar activity. <i>Solar Physics</i> , 1996, 169, 215-224.	2.5	49
38	Return of the Near 160 Day Periodicity in the Photospheric Magnetic Flux during Solar Cycle 23. <i>Astrophysical Journal</i> , 2004, 615, L173-L176.	4.5	49
39	North-South Asymmetry in Rieger-type Periodicity during Solar Cycles 19-23. <i>Astrophysical Journal</i> , 2017, 845, 137.	4.5	48
40	Fast MHD oscillations of a 3-dimensional prominence fibril. <i>Astronomy and Astrophysics</i> , 2003, 402, 781-789.	5.1	48
41	Transverse Oscillations of Two Coronal Loops. <i>Astrophysical Journal</i> , 2008, 676, 717-727.	4.5	47
42	Nonadiabatic Magnetohydrodynamic Waves in a Cylindrical Prominence Thread with Mass Flow. <i>Astrophysical Journal</i> , 2008, 684, 725-735.	4.5	47
43	MORPHOLOGY AND DYNAMICS OF SOLAR PROMINENCES FROM 3D MHD SIMULATIONS. <i>Astrophysical Journal</i> , 2015, 799, 94.	4.5	47
44	Rossby Waves in Astrophysics. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	47
45	Magnetohydrodynamic waves in a solar prominence. <i>Astrophysical Journal</i> , 1992, 400, 369.	4.5	46
46	Instability of twisted magnetic tubes with axial mass flows. <i>Astronomy and Astrophysics</i> , 2010, 516, A84.	5.1	45
47	MAGNETOACOUSTIC WAVES IN A PARTIALLY IONIZED TWO-FLUID PLASMA. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 16.	7.7	45
48	RIEGER-TYPE PERIODICITY DURING SOLAR CYCLES 14-24: ESTIMATION OF DYNAMO MAGNETIC FIELD STRENGTH IN THE SOLAR INTERIOR. <i>Astrophysical Journal</i> , 2016, 826, 55.	4.5	45
49	KELVIN-HELMHOLTZ INSTABILITY IN PARTIALLY IONIZED COMPRESSIBLE PLASMAS. <i>Astrophysical Journal</i> , 2012, 749, 163.	4.5	44
50	Observations of Doppler oscillations in a solar prominence. <i>Solar Physics</i> , 1997, 172, 181-188.	2.5	42
51	Short-term periodicities in sunspot areas during solar cycle 22. <i>Solar Physics</i> , 1995, 156, 145-155.	2.5	41
52	Radiative damping of quiescent prominence oscillations. <i>Astronomy and Astrophysics</i> , 2001, 378, 635-652.	5.1	41
53	Fast magnetohydrodynamic oscillations in a multifibril Cartesian prominence model. <i>Astronomy and Astrophysics</i> , 2005, 440, 1167-1175.	5.1	41
54	North-South asymmetry in sudden disappearances of solar prominences. <i>Solar Physics</i> , 1987, 112, 317-323.	2.5	40

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55	SEISMOLOGY OF STANDING KINK OSCILLATIONS OF SOLAR PROMINENCE FINE STRUCTURES. <i>Astrophysical Journal</i> , 2010, 722, 1778-1792.	4.5	40
56	Propagation of Torsional Alfvén Waves from the Photosphere to the Corona: Reflection, Transmission, and Heating in Expanding Flux Tubes. <i>Astrophysical Journal</i> , 2017, 840, 20.	4.5	40
57	Intermediate-term periodicities in solar activity. <i>Solar Physics</i> , 1992, 137, 141-153.	2.5	39
58	RAYLEIGH-TAYLOR INSTABILITY IN PARTIALLY IONIZED COMPRESSIBLE PLASMAS. <i>Astrophysical Journal</i> , 2012, 754, 41.	4.5	39
59	Recent progress in prominence seismology. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2006, 364, 405-415.	3.4	38
60	RESONANTLY DAMPED KINK MAGNETOHYDRODYNAMIC WAVES IN A PARTIALLY IONIZED FILAMENT THREAD. <i>Astrophysical Journal</i> , 2009, 707, 662-670.	4.5	38
61	Overdamped Alfvén waves due to ion-neutral collisions in the solar chromosphere. <i>Astronomy and Astrophysics</i> , 2015, 573, A79.	5.1	38
62	LONG-TERM VARIATION IN THE SUN'S ACTIVITY CAUSED BY MAGNETIC ROSSBY WAVES IN THE TACHOCLINE. <i>Astrophysical Journal Letters</i> , 2015, 805, L14.	8.3	37
63	Time damping of linear non-adiabatic magnetoacoustic waves in a slab-like quiescent prominence. <i>Astronomy and Astrophysics</i> , 2005, 434, 741-749.	5.1	37
64	PROMINENCE THREAD SEISMOLOGY USING THE P1/P2 RATIO. <i>Astrophysical Journal</i> , 2010, 725, 1742-1748.	4.5	36
65	GONG Catalog of Solar Filament Oscillations Near Solar Maximum. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 35.	7.7	36
66	Time damping of non-adiabatic MHD waves in an unbounded partially ionised prominence plasma. <i>Astronomy and Astrophysics</i> , 2008, 492, 223-231.	5.1	35
67	Is there memory in solar activity?. <i>Physical Review E</i> , 1998, 58, 5650-5654.	2.1	32
68	Magnetohydrodynamic kink waves in two-dimensional non-uniform prominence threads. <i>Astronomy and Astrophysics</i> , 2011, 533, A60.	5.1	32
69	SOLAR PROMINENCES EMBEDDED IN FLUX ROPES: MORPHOLOGICAL FEATURES AND DYNAMICS FROM 3D MHD SIMULATIONS. <i>Astrophysical Journal</i> , 2016, 820, 125.	4.5	31
70	Time damping of non-adiabatic magnetohydrodynamic waves in a partially ionized prominence plasma: effect of helium. <i>Astronomy and Astrophysics</i> , 2010, 512, A28.	5.1	30
71	TRANSVERSE OSCILLATIONS OF SYSTEMS OF CORONAL LOOPS. <i>Astrophysical Journal</i> , 2009, 692, 1582-1589.	4.5	29
72	Damping Mechanisms for Oscillations in Solar Prominences. <i>Space Science Reviews</i> , 2011, 158, 169-204.	8.1	29

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73	Stability of thermal modes in cool prominence plasmas. <i>Astronomy and Astrophysics</i> , 2012, 540, A7.	5.1	29
74	MAGNETOHYDRODYNAMIC WAVES IN TWO-DIMENSIONAL PROMINENCES EMBEDDED IN CORONAL ARCADES. <i>Astrophysical Journal</i> , 2013, 778, 49.	4.5	29
75	Energy Transport and Heating by Torsional Alfvén Waves Propagating from the Photosphere to the Corona in the Quiet Sun. <i>Astrophysical Journal</i> , 2019, 871, 3.	4.5	29
76	Forecasting the solar cycle with genetic algorithms. <i>Astronomy and Astrophysics</i> , 2002, 386, 313-318.	5.1	29
77	Spatial damping of linear non-adiabatic magnetoacoustic waves in a prominence medium. <i>Astronomy and Astrophysics</i> , 2006, 460, 573-581.	5.1	28
78	TRANSVERSE OSCILLATIONS OF A MULTI-STRANDED LOOP. <i>Astrophysical Journal</i> , 2010, 716, 1371-1380.	4.5	28
79	The effect of the solar corona on the attenuation of small-amplitude prominence oscillations. <i>Astronomy and Astrophysics</i> , 2007, 471, 1023-1033.	5.1	27
80	Rossby waves and polar spots in rapidly rotating stars: implications for stellar wind evolution. <i>Astronomy and Astrophysics</i> , 2011, 532, A139.	5.1	27
81	Prominence seismology using the period ratio of transverse thread oscillations. <i>Astronomy and Astrophysics</i> , 2015, 575, A123.	5.1	27
82	The influence of the internal structuring of coronal loops on the properties of their damped transverse oscillations. <i>Astronomy and Astrophysics</i> , 2007, 466, 1145-1151.	5.1	25
83	On the Scaling of the Damping Time for Resonantly Damped Oscillations in Coronal Loops. <i>Astrophysical Journal</i> , 2008, 676, L77-L80.	4.5	25
84	PROPAGATION OF NONADIABATIC MAGNETOACOUSTIC WAVES IN A THREADED PROMINENCE WITH MASS FLOWS. <i>Astrophysical Journal</i> , 2009, 693, 1601-1609.	4.5	25
85	Cut-off wavenumber of Alfvén waves in partially ionized plasmas of the solar atmosphere. <i>Astronomy and Astrophysics</i> , 2012, 544, A143.	5.1	25
86	Chromospheric Heating by Magnetohydrodynamic Waves and Instabilities. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029097.	2.4	25
87	The Excitation and Damping of Transversal Coronal Loop Oscillations. <i>Astrophysical Journal</i> , 2005, 618, L149-L152.	4.5	24
88	Fast MHD oscillations in line-tied homogeneous coronal loops. <i>Astronomy and Astrophysics</i> , 2004, 424, 1055-1064.	5.1	24
89	RAYLEIGH-TAYLOR INSTABILITIES WITH SHEARED MAGNETIC FIELDS. <i>Astrophysical Journal</i> , 2014, 785, 110.	4.5	23
90	ON THE SPATIAL SCALES OF WAVE HEATING IN THE SOLAR CHROMOSPHERE. <i>Astrophysical Journal</i> , 2015, 810, 146.	4.5	23

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91	The spatial damping of magnetohydrodynamic waves in a flowing partially ionised prominence plasma. <i>Astronomy and Astrophysics</i> , 2010, 515, A80.	5.1	22
92	Spectral line width decrease in the solar corona: resonant energy conversion from Alfvén to acoustic waves. <i>Astronomy and Astrophysics</i> , 2006, 456, L13-L16.	5.1	22
93	Resonantly Damped Surface and Body MHD Waves in a Solar Coronal Slab with Oblique Propagation. <i>Solar Physics</i> , 2007, 246, 213-230.	2.5	20
94	Time damping of non-adiabatic MHD slow and thermal waves in a prominence medium: Effect of a background flow. <i>New Astronomy</i> , 2009, 14, 277-284.	1.8	20
95	Time damping of non-adiabatic magnetohydrodynamic waves in a partially ionised prominence medium: Effect of a background flow. <i>Astronomy and Astrophysics</i> , 2011, 525, A60.	5.1	20
96	The role of Alfvén wave heating in solar prominences. <i>Astronomy and Astrophysics</i> , 2016, 592, A28.	5.1	20
97	The Influence of the Temperature Profile on the Magnetohydrodynamic Modes of a Prominence-Corona System. <i>Astrophysical Journal</i> , 1996, 456, 393.	4.5	20
98	SPATIAL DAMPING OF PROPAGATING KINK WAVES IN PROMINENCE THREADS. <i>Astrophysical Journal</i> , 2011, 726, 102.	4.5	17
99	The temporal behaviour of MHD waves in a partially ionized prominence-like plasma: Effect of heating and cooling. <i>Astronomy and Astrophysics</i> , 2018, 609, A6.	5.1	17
100	Magneto-Rossby Waves in the Solar Tachocline and the Annual Variations in Solar Activity. <i>Astrophysical Journal</i> , 2019, 874, 162.	4.5	17
101	Magnetohydrodynamic Waves in Coronal Magnetostatic Arcades. <i>Astrophysical Journal</i> , 1999, 517, 488-496.	4.5	17
102	Fast magnetohydrodynamic waves in a two-slab coronal structure: collective behaviour. <i>Astronomy and Astrophysics</i> , 2006, 457, 1071-1079.	5.1	16
103	Seismology of Prominence-Fine structures: Observations and Theory. <i>Space Science Reviews</i> , 2006, 122, 129-135.	8.1	16
104	The role of Rayleigh-Taylor instabilities in filament threads. <i>Astronomy and Astrophysics</i> , 2012, 541, A102.	5.1	16
105	Effect of partial ionization on wave propagation in solar magnetic flux tubes. <i>Astronomy and Astrophysics</i> , 2013, 551, A86.	5.1	16
106	Nonlinear coupling of Alfvén and slow magnetoacoustic waves in partially ionized solar plasmas. <i>Astronomy and Astrophysics</i> , 2020, 641, A48.	5.1	16
107	Magnetohydrodynamic Waves in a Bounded Inhomogeneous Medium with Prominence-Corona Properties. <i>Astrophysical Journal</i> , 1995, 448, 444.	4.5	16
108	Periodicities in the north-south asymmetry of solar activity. <i>Solar Physics</i> , 1989, 119, 411-414.	2.5	15

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109	A note on magnetic fields and electric currents in solar prominences. <i>Solar Physics</i> , 1984, 94, 151-154.	2.5	14
110	WAVE LEAKAGE AND RESONANT ABSORPTION IN A LOOP EMBEDDED IN A CORONAL ARCADE. <i>Astrophysical Journal</i> , 2013, 763, 16.	4.5	14
111	Synthetic hydrogen spectra of prominence oscillations. <i>Astronomy and Astrophysics</i> , 2014, 562, A103.	5.1	14
112	ON THE SUPPORT OF NEUTRALS AGAINST GRAVITY IN SOLAR PROMINENCES. <i>Astrophysical Journal Letters</i> , 2015, 802, L28.	8.3	14
113	Magnetohydrodynamic Waves in Sheared Coronal Arcades. <i>Astrophysical Journal</i> , 2004, 602, 1006-1020.	4.5	14
114	Prominence motions and their implications for magnetic fields. <i>Solar Physics</i> , 1984, 90, 37-40.	2.5	13
115	A two-dimensional model for a solar prominence. <i>Solar Physics</i> , 1987, 109, 335-349.	2.5	13
116	Fast Magnetohydrodynamic Oscillations in Coronal Loops with Heating Profiles. <i>Astrophysical Journal</i> , 2006, 645, 766-775.	4.5	13
117	The Resonant Damping of Fast Magnetohydrodynamic Oscillations in a System of Two Coronal Slabs. <i>Astrophysical Journal</i> , 2008, 674, 1179-1190.	4.5	13
118	THE THERMAL INSTABILITY OF SOLAR PROMINENCE THREADS. <i>Astrophysical Journal</i> , 2011, 731, 39.	4.5	13
119	Prominence oscillations: Effect of a time-dependent background temperature. <i>Astronomy and Astrophysics</i> , 2016, 591, A109.	5.1	13
120	Coupling of fast and Alfvén waves in a straight bounded magnetic field with density stratification. <i>Astronomy and Astrophysics</i> , 2003, 402, 1129-1143.	5.1	13
121	Magnetohydrodynamic waves in a sheared potential coronal arcade. <i>Astronomy and Astrophysics</i> , 2004, 425, 729-739.	5.1	12
122	On the Properties of Low- β^2 Magnetohydrodynamic Waves in Curved Coronal Fields. <i>Astrophysical Journal</i> , 2008, 675, 875-884.	4.5	12
123	Magnetism and Dynamics of Prominences: MHD Waves. <i>Astrophysics and Space Science Library</i> , 2015, , 259-296.	2.7	12
124	Parametric Amplification of Magnetosonic Waves by an External, Transversal, Periodic Action. <i>Astrophysical Journal</i> , 2002, 569, 519-530.	4.5	10
125	Attenuation of small-amplitude oscillations in a prominenceâ€œcorona model with a transverse magnetic field. <i>New Astronomy</i> , 2009, 14, 238-248.	1.8	10
126	Twisted magnetic tubes with field aligned flow. <i>Astronomy and Astrophysics</i> , 2011, 533, A95.	5.1	10

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127	Resonances in a Coronal Loop Driven by Torsional Alfvén Waves Propagating from the Photosphere. <i>Astrophysical Journal</i> , 2021, 909, 190.	4.5	10
128	Theoretical Advances in Prominence Seismology. <i>Space Science Reviews</i> , 2005, 121, 105-113.	8.1	8
129	Oscillatory Modes of a Prominence PCTRCorona Slab Model. <i>Solar Physics</i> , 2007, 246, 725-88.	8	8
130	Prominence Seismology. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 30-39.	0.0	8
131	Theory of Fluid Instabilities in Partially Ionized Plasmas: An Overview. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, .	2.8	8
132	Excitation and damping of disturbances in cylindrical coronal loops. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2006, 364, 547-550.	3.4	7
133	THREE-DIMENSIONAL PROPAGATION OF MAGNETOHYDRODYNAMIC WAVES IN SOLAR CORONAL ARCADES. <i>Astrophysical Journal</i> , 2010, 713, 651-661.	4.5	7
134	Numerical simulations of linear magnetohydrodynamic waves in two-dimensional force-free magnetic fields. <i>Astronomy and Astrophysics</i> , 2001, 369, 1122-1139.	5.1	7
135	Kinematics of solar prominences. <i>Solar Physics</i> , 1983, 87, 261.	2.5	6
136	Parametric excitation of slow magnetoacoustic waves in the solar corona due to photospheric periodic motions. <i>Astronomy and Astrophysics</i> , 2005, 433, 357-364.	5.1	6
137	The damping of small-amplitude oscillations in quiescent prominences. <i>Advances in Space Research</i> , 2010, 46, 364-376.	2.6	5
138	Alfvén wave heating in partially ionized thin threads of solar prominences. <i>Astronomy and Astrophysics</i> , 2021, 650, A45.	5.1	5
139	Uvby-beta photometry of active-chromosphere binaries. I - The system TZ Coronae Borealis. <i>Astronomical Journal</i> , 1986, 92, 131.	4.7	4
140	Extension and validation of the pendulum model for longitudinal solar prominence oscillations. <i>Astronomy and Astrophysics</i> , 2022, 660, A54.	5.1	4
141	Photoelectron yield of silicate and graphite grains. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1995, 12, 1211.	2.1	3
142	Preface: A Topical Issue in Honor of Professor Bernard Roberts. <i>Solar Physics</i> , 2007, 246, 1-2.	2.5	3
143	The damping of transverse oscillations of prominence threads: a comparative study. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 48-51.	0.0	3
144	SYNTHETIC HYDROGEN SPECTRA OF OSCILLATING PROMINENCE SLABS IMMERSSED IN THE SOLAR CORONA. <i>Astrophysical Journal</i> , 2016, 827, 131.	4.5	3

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145	One-dimensional prominence threads. <i>Astronomy and Astrophysics</i> , 2021, 653, A95.	5.1	3
146	The first adiabatic exponent in a partially ionized prominence plasma: Effect on the period of slow waves. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	3
147	A two-dimensional model for a solar prominence: Effect of an external magnetic field. <i>Solar Physics</i> , 1991, 134, 123-144.	2.5	2
148	Coronal MHD perturbation field generated by localized perturbers in a photospheric active region. <i>Solar Physics</i> , 1995, 159, 229-249.	2.5	2
149	Oscillations in coronal structures: Recent Progress. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	2
150	Nonlinear fast magnetosonic waves in solar coronal holes. <i>Astronomy and Astrophysics</i> , 2001, 375, 264-274.	5.1	2
151	Cyclical variability of prominences, CMEs and flares. <i>Journal of Astrophysics and Astronomy</i> , 2000, 21, 221-227.	1.0	1
152	Influence of longitudinal structure in the fast modes of prominence threads. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 167-172.	0.0	1
153	Attenuation of non-adiabatic oscillations in a cartesian prominence fibril. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 173-177.	0.0	1
154	Prominence seismology using ground- and space-based observations. <i>EAS Publications Series</i> , 2012, 55, 169-174.	0.3	1
155	Fibril structure of solar prominences. , 1990, , 241-241.		0
156	The equilibrium shape of slender flux tubes in a linear force-free magnetic field. <i>Solar Physics</i> , 1992, 137, 257-271.	2.5	0
157	The equilibrium of coronal flux tubes under toroidal forces. <i>Astrophysics and Space Science</i> , 1992, 188, 279-288.	1.4	0
158	Magnetic arcades in stellar coronae I. Cylindrical geometry. <i>Astrophysics and Space Science</i> , 1997, 254, 67-83.	1.4	0
159	Instability of periodic MHD shear flows. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	0
160	Transverse Oscillations in Coronal Loops. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
161	MHD Coronal Seismology. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
162	Resonant absorption in multi-stranded coronal loops. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 116-122.	0.0	0

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163	Damped oscillations of two interacting coronal loops. Proceedings of the International Astronomical Union, 2007, 3, 133-139.	0.0	0
164	Non-LTE Modeling and Observations of Oscillating Prominences. Proceedings of the International Astronomical Union, 2013, 8, 52-55.	0.0	0
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