

# Valery M Nakariakov

## List of Publications by Year in descending order

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266  
papers

13,339  
citations

18482

62  
h-index

31849

101  
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294  
all docs

294  
docs citations

294  
times ranked

2316  
citing authors

#	ARTICLE	IF	CITATIONS
1	The high-energy Sun - probing the origins of particle acceleration on our nearest star. <i>Experimental Astronomy</i> , 2022, 54, 335-360.	3.7	3
2	Editorial to the Topical Collection: Oscillatory Processes in Solar and Stellar Coronae. <i>Space Science Reviews</i> , 2022, 218, 1.	8.1	1
3	Long-term evolution of decayless kink oscillations of solar coronal loops. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1834-1841.	4.4	13
4	High-frequency Waves in Chromospheric Spicules. <i>Astrophysical Journal</i> , 2022, 930, 129.	4.5	12
5	Slow Magnetoacoustic Oscillations in Stellar Coronal Loops. <i>Astrophysical Journal</i> , 2022, 931, 63.	4.5	2
6	Kink Oscillation of a Flux Rope During a Failed Solar Eruption. <i>Astrophysical Journal Letters</i> , 2022, 932, L9.	8.3	6
7	Solar Bayesian Analysis Toolkit – A New Markov Chain Monte Carlo IDL Code for Bayesian Parameter Inference. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 11.	7.7	26
8	The effect of the magnetic field on the damping of slow waves in the solar corona. <i>Astronomy and Astrophysics</i> , 2021, 646, A155.	5.1	24
9	On the Nature of Propagating Intensity Disturbances in Polar Plumes during the 2017 Total Solar Eclipse. <i>Astrophysical Journal</i> , 2021, 909, 202.	4.5	8
10	Could Switchbacks Originate in the Lower Solar Atmosphere? I. Formation Mechanisms of Switchbacks. <i>Astrophysical Journal</i> , 2021, 911, 75.	4.5	19
11	Diagnostics of plasma jets in the solar corona. <i>SolneĖno-zemnaĖ Fizika</i> , 2021, 7, 3-11.	0.3	0
12	Spectroscopic Detection of Alfvénic Waves in the Chromosphere of Sunspot Regions. <i>Astrophysical Journal Letters</i> , 2021, 914, L16.	8.3	6
13	Diagnostics of plasma jets in the solar corona. <i>SolneĖno-zemnaĖ Fizika</i> , 2021, , 3-10.	0.9	1
14	Fast magnetoacoustic wave trains: from tadpoles to boomerangs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3505-3513.	4.4	15
15	Could Switchbacks Originate in the Lower Solar Atmosphere? II. Propagation of Switchbacks in the Solar Corona. <i>Astrophysical Journal</i> , 2021, 914, 8.	4.5	9
16	Kink Oscillations of Coronal Loops. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	77
17	Motion Magnification in Solar Imaging Data Sequences in the Sub-pixel Regime. <i>Solar Physics</i> , 2021, 296, 1.	2.5	7
18	Three-dimensional Simulations of the Inhomogeneous Low Solar Wind. <i>Astrophysical Journal</i> , 2021, 907, 55.	4.5	8

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19	The solar corona as an active medium for magnetoacoustic waves. <i>Plasma Physics and Controlled Fusion</i> , 2021, 63, 124008.	2.1	24
20	Hot Jets in the Solar Corona: Creating a Catalogue of Events Based on Multi-Instrumental Observations. <i>Geomagnetism and Aeronomy</i> , 2021, 61, 1083-1091.	0.8	2
21	Multiwavelength Quasi-periodic Pulsations in a Stellar Superflare. <i>Astrophysical Journal Letters</i> , 2021, 923, L33.	8.3	4
22	Magnetohydrodynamic Waves in the Solar Corona. <i>Annual Review of Astronomy and Astrophysics</i> , 2020, 58, 441-481.	24.3	106
23	Standing Kink Waves in Sigmoid Solar Coronal Loops: Implications for Coronal Seismology. <i>Astrophysical Journal Letters</i> , 2020, 894, L23.	8.3	12
24	Excitation of Negative Energy Surface Magnetohydrodynamic Waves in an Incompressible Cylindrical Plasma. <i>Astrophysical Journal</i> , 2020, 896, 21.	4.5	12
25	Editorial: Magnetohydrodynamic Waves in the Solar Atmosphere: Heating and Seismology. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 6, .	2.8	6
26	Quasi-periodic Pulsations of Gamma-Ray Emissions from a Solar Flare on 2017 September 6. <i>Astrophysical Journal</i> , 2020, 888, 53.	4.5	27
27	Excitation of decay-less transverse oscillations of coronal loops by random motions. <i>Astronomy and Astrophysics</i> , 2020, 633, L8.	5.1	34
28	Higher Radial Harmonics of Sausage Oscillations in Coronal Loops. <i>Astrophysical Journal</i> , 2020, 893, 62.	4.5	4
29	Magnetic Connectivity between the Light Bridge and Penumbra in a Sunspot. <i>Astrophysical Journal Letters</i> , 2020, 893, L2.	8.3	8
30	Seismological constraints on the solar coronal heating function. <i>Astronomy and Astrophysics</i> , 2020, 644, A33.	5.1	36
31	QUASI-PERIODIC PULSATIONS IN SOLAR AND STELLAR FLARES. REVIEW. <i>SolneĀno-zemnaĀ Fizika</i> , 2020, 6, 3-23.	0.9	48
32	Accelerating and Supersonic Density Fluctuations in Coronal Hole Plumes: Signature of Nascent Solar Winds. <i>Astrophysical Journal Letters</i> , 2020, 900, L19.	8.3	7
33	Quasi-periodic pulsations in solar and stellar flares. Review. <i>SolneĀno-zemnaĀ Fizika</i> , 2020, 6, 3-29.	0.2	3
34	Damping of slow magnetoacoustic oscillations by the misbalance between heating and cooling processes in the solar corona. <i>Astronomy and Astrophysics</i> , 2019, 628, A133.	5.1	56
35	Formation of quasi-periodic slow magnetoacoustic wave trains by the heating/cooling misbalance. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	54
36	Evidence for Vortex Shedding in the Sun's Hot Corona. <i>Physical Review Letters</i> , 2019, 123, 035102.	7.8	16

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37	A New Type of Jet in a Polar Limb of the Solar Coronal Hole. <i>Astrophysical Journal Letters</i> , 2019, 884, L38.	8.3	5
38	A Blueprint of State-of-the-art Techniques for Detecting Quasi-periodic Pulsations in Solar and Stellar Flares. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 44.	7.7	28
39	Seismological Determination of the Alfvén Speed and Plasma Beta in Solar Photospheric Bright Points. <i>Astrophysical Journal Letters</i> , 2019, 871, L14.	8.3	2
40	The Physical Nature of Spiral Wave Patterns in Sunspots. <i>Astrophysical Journal Letters</i> , 2019, 877, L9.	8.3	19
41	Oscillation of a Small H $\alpha$ Surge in a Solar Polar Coronal Hole. <i>Astrophysical Journal Letters</i> , 2019, 877, L1.	8.3	4
42	Fast magnetoacoustic wave trains with time-dependent drivers. <i>Astronomy and Astrophysics</i> , 2019, 624, L4.	5.1	11
43	Properties of Slow Magnetoacoustic Oscillations of Solar Coronal Loops by Multi-instrumental Observations. <i>Astrophysical Journal Letters</i> , 2019, 874, L1.	8.3	34
44	Scaling laws of quasi-periodic pulsations in solar flares. <i>Astronomy and Astrophysics</i> , 2019, 624, A65.	5.1	13
45	Catalog of Decaying Kink Oscillations of Coronal Loops in the 24th Solar Cycle. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 31.	7.7	60
46	Observational signatures of the third harmonic in a decaying kink oscillation of a coronal loop. <i>Astronomy and Astrophysics</i> , 2019, 632, A64.	5.1	23
47	Magnetohydrodynamic Seismology of Quiet Solar Active Regions. <i>Astrophysical Journal Letters</i> , 2019, 884, L40.	8.3	29
48	Non-stationary quasi-periodic pulsations in solar and stellar flares. <i>Plasma Physics and Controlled Fusion</i> , 2019, 61, 014024.	2.1	38
49	Detection of the Second Harmonic of Decay-less Kink Oscillations in the Solar Corona. <i>Astrophysical Journal Letters</i> , 2018, 854, L5.	8.3	68
50	Modelling Quasi-Periodic Pulsations in Solar and Stellar Flares. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	122
51	Quasi-periodic Pulsations in the Most Powerful Solar Flare of Cycle 24. <i>Astrophysical Journal Letters</i> , 2018, 858, L3.	8.3	35
52	Origin of the Modulation of the Radio Emission from the Solar Corona by a Fast Magnetoacoustic Wave. <i>Astrophysical Journal</i> , 2018, 861, 33.	4.5	32
53	Three-dimensional Oscillations of 21 Halo Coronal Mass Ejections Using Multi-spacecraft Data. <i>Astrophysical Journal</i> , 2018, 868, 18.	4.5	2
54	Oscillations of cometary tails: a vortex shedding phenomenon?. <i>Astronomy and Astrophysics</i> , 2018, 615, A143.	5.1	5

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55	In Situ Generation of Transverse Magnetohydrodynamic Waves from Colliding Flows in the Solar Corona. <i>Astrophysical Journal Letters</i> , 2018, 861, L15.	8.3	10
56	Sausage oscillations in a plasma cylinder with a surface current. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 175, 49-55.	1.6	23
57	Finite amplitude transverse oscillations of a magnetic rope. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 172, 40-52.	1.6	13
58	Magnetic structure of solar flare regions producing hard X-ray pulsations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 174, 17-27.	1.6	13
59	Quasi-periodic Pulsations in a Solar Microflare. <i>Astrophysical Journal</i> , 2018, 859, 154.	4.5	35
60	Two-Dimensional Solar Wind Speeds from 6 to 26 Solar Radii in Solar Cycle 24 by Using Fourier Filtering. <i>Physical Review Letters</i> , 2018, 121, 075101.	7.8	21
61	Spatiotemporal Analysis of Coronal Loops Using Seismology of Damped Kink Oscillations and Forward Modeling of EUV Intensity Profiles. <i>Astrophysical Journal</i> , 2018, 860, 31.	4.5	50
62	DIAGNOSTICS OF CORONAL HEATING IN ACTIVE-REGION LOOPS. <i>Astrophysical Journal</i> , 2017, 834, 100.	4.5	3
63	Determination of the Alfvén Speed and Plasma-beta Using the Seismology of Sunspot Umbra. <i>Astrophysical Journal Letters</i> , 2017, 837, L11.	8.3	29
64	Observation of a Short Period Quasi-periodic Pulsation in Solar X-Ray, Microwave, and EUV Emissions. <i>Astrophysical Journal</i> , 2017, 836, 121.	4.5	10
65	Nonlinear Evolution of Short-wavelength Torsional Alfvén Waves. <i>Astrophysical Journal</i> , 2017, 840, 64.	4.5	27
66	Coronal loop density profile estimated by forward modelling of EUV intensity. <i>Astronomy and Astrophysics</i> , 2017, 600, L7.	5.1	25
67	Coronal loop seismology using damping of standing kink oscillations by mode coupling. <i>Astronomy and Astrophysics</i> , 2017, 600, A78.	5.1	52
68	Significance testing for quasi-periodic pulsations in solar and stellar flares. <i>Astronomy and Astrophysics</i> , 2017, 602, A47.	5.1	28
69	Long-period quasi-periodic oscillations of a small-scale magnetic structure on the Sun. <i>Astronomy and Astrophysics</i> , 2017, 598, L2.	5.1	20
70	Dispersive Evolution of Nonlinear Fast Magnetoacoustic Wave Trains. <i>Astrophysical Journal Letters</i> , 2017, 847, L21.	8.3	15
71	Effect of Local Thermal Equilibrium Misbalance on Long-wavelength Slow Magnetoacoustic Waves. <i>Astrophysical Journal</i> , 2017, 849, 62.	4.5	40
72	A statistical study of the inferred transverse density profile of coronal loop threads observed with SDO/AIA. <i>Astronomy and Astrophysics</i> , 2017, 605, A65.	5.1	33

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73	Quasi-periodic Radio Bursts Associated with Fast-mode Waves near a Magnetic Null Point. <i>Astrophysical Journal</i> , 2017, 844, 149.	4.5	36
74	Corrugation Instability of a Coronal Arcade. <i>Solar Physics</i> , 2017, 292, 1.	2.5	13
75	Properties of quasi-periodic pulsations in solar flares from a single active region. <i>Astronomy and Astrophysics</i> , 2017, 608, A101.	5.1	25
76	Seismology of contracting and expanding coronal loops using damping of kink oscillations by mode coupling. <i>Astronomy and Astrophysics</i> , 2017, 607, A8.	5.1	27
77	Multi-instrument observations of a failed flare eruption associated with MHD waves in a loop bundle. <i>Astronomy and Astrophysics</i> , 2017, 600, A37.	5.1	25
78	Dependence of kink oscillation damping on the amplitude. <i>Astronomy and Astrophysics</i> , 2016, 590, L5.	5.1	43
79	Transverse oscillations and stability of prominences in a magnetic field dip. <i>Astronomy and Astrophysics</i> , 2016, 590, A120.	5.1	17
80	A statistical study of decaying kink oscillations detected using SDO/AIA. <i>Astronomy and Astrophysics</i> , 2016, 585, A137.	5.1	103
81	Undamped transverse oscillations of coronal loops as a self-oscillatory process. <i>Astronomy and Astrophysics</i> , 2016, 591, L5.	5.1	65
82	Damping profile of standing kink oscillations observed by SDO/AIA. <i>Astronomy and Astrophysics</i> , 2016, 585, L6.	5.1	55
83	Standing sausage modes in curved coronal slabs. <i>Astronomy and Astrophysics</i> , 2016, 593, A52.	5.1	15
84	Nonlinear Waves in the Terrestrial Quasiparallel Foreshock. <i>Physical Review Letters</i> , 2016, 117, 235102.	7.8	5
85	Motion Magnification in Coronal Seismology. <i>Solar Physics</i> , 2016, 291, 3251-3267.	2.5	19
86	Preface to Topical Issue: Waves in the Solar Corona: From Microphysics to Macrophysics. <i>Solar Physics</i> , 2016, 291, 3139-3142.	2.5	2
87	EFFECT OF A SAUSAGE OSCILLATION ON RADIO ZEBRA-PATTERN STRUCTURES IN A SOLAR FLARE. <i>Astrophysical Journal</i> , 2016, 826, 78.	4.5	15
88	Coronal loop seismology using damping of standing kink oscillations by mode coupling. <i>Astronomy and Astrophysics</i> , 2016, 589, A136.	5.1	49
89	DEPENDENCE OF OCCURRENCE RATES OF SOLAR FLARES AND CORONAL MASS EJECTIONS ON THE SOLAR CYCLE PHASE AND THE IMPORTANCE OF LARGE-SCALE CONNECTIVITY. <i>Astrophysical Journal</i> , 2016, 831, 131.	4.5	4
90	Empirical mode decomposition analysis of random processes in the solar atmosphere. <i>Astronomy and Astrophysics</i> , 2016, 592, A153.	5.1	41

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91	COMPARISON OF DAMPED OSCILLATIONS IN SOLAR AND STELLAR X-RAY FLARES. <i>Astrophysical Journal</i> , 2016, 830, 110.	4.5	46
92	Spatially resolved observation of the fundamental and second harmonic standing kink modes using SDO/AIA. <i>Astronomy and Astrophysics</i> , 2016, 593, A53.	5.1	27
93	Observation of quasi-periodic solar radio bursts associated with propagating fast-mode waves. <i>Astronomy and Astrophysics</i> , 2016, 594, A96.	5.1	26
94	Statistical properties of quasi-periodic pulsations in white-light flares observed with <i>Kepler</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3659-3676.	4.4	59
95	STATISTICALLY DETERMINED DISPERSION RELATIONS OF MAGNETIC FIELD FLUCTUATIONS IN THE TERRESTRIAL FORESHOCK. <i>Astrophysical Journal</i> , 2016, 827, 91.	4.5	1
96	Nonlinear oscillations of coalescing magnetic flux ropes. <i>Physical Review E</i> , 2016, 93, 053205.	2.1	12
97	OBSERVATION OF A QUASIPERIODIC PULSATION IN HARD X-RAY, RADIO, AND EXTREME-ULTRAVIOLET WAVELENGTHS. <i>Astrophysical Journal</i> , 2016, 822, 7.	4.5	41
98	Solar Science with the Atacama Large Millimeter/Submillimeter Array – A New View of Our Sun. <i>Space Science Reviews</i> , 2016, 200, 1-73.	8.1	113
99	EFFECT OF A RADIATION COOLING AND HEATING FUNCTION ON STANDING LONGITUDINAL OSCILLATIONS IN CORONAL LOOPS. <i>Astrophysical Journal</i> , 2016, 824, 8.	4.5	37
100	Magnetohydrodynamic Oscillations in the Solar Corona and Earth's Magnetosphere: Towards Consolidated Understanding. <i>Space Science Reviews</i> , 2016, 200, 75-203.	8.1	160
101	QUASI-PERIODIC ACCELERATION OF ELECTRONS IN THE FLARE ON 2012 JULY 19. <i>Astrophysical Journal</i> , 2016, 831, 119.	4.5	13
102	Multi-mode quasi-periodic pulsations in a solar flare. <i>Astronomy and Astrophysics</i> , 2015, 574, A53.	5.1	87
103	Kinetic model of force-free current sheets with non-uniform temperature. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	20
104	FAST MAGNETOACOUSTIC WAVE TRAINS OF SAUSAGE SYMMETRY IN CYLINDRICAL WAVEGUIDES OF THE SOLAR CORONA. <i>Astrophysical Journal</i> , 2015, 814, 135.	4.5	42
105	Decayless low-amplitude kink oscillations: a common phenomenon in the solar corona?. <i>Astronomy and Astrophysics</i> , 2015, 583, A136.	5.1	144
106	Coexisting fast and slow propagating waves of the extreme-UV intensity in solar coronal plasma structures. <i>Astronomy and Astrophysics</i> , 2015, 581, A78.	5.1	24
107	Cut-off period for slow magnetoacoustic waves in coronal plasma structures. <i>Astronomy and Astrophysics</i> , 2015, 582, A57.	5.1	13
108	Nonlinear slow magnetoacoustic waves in coronal plasma structures. <i>Astronomy and Astrophysics</i> , 2015, 573, A32.	5.1	32

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109	A MULTI-PERIOD OSCILLATION IN A STELLAR SUPERFLARE. <i>Astrophysical Journal Letters</i> , 2015, 813, L5.	8.3	23
110	A Comparison Between Global Proxies of the Sun's Magnetic Activity Cycle: Inferences from Helioseismology. <i>Solar Physics</i> , 2015, 290, 3095-3111.	2.5	33
111	EVOLUTION OF FAST MAGNETOACOUSTIC PULSES IN RANDOMLY STRUCTURED CORONAL PLASMAS. <i>Astrophysical Journal</i> , 2015, 799, 221.	4.5	24
112	Hilbert-Huang transform analysis of periodicities in the last two solar activity cycles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 4360-4367.	4.4	23
113	INTENSITY AND DOPPLER VELOCITY OSCILLATIONS IN PORE ATMOSPHERES. <i>Astrophysical Journal</i> , 2015, 802, 45.	4.5	18
114	Excitation of kink oscillations of coronal loops: statistical study. <i>Astronomy and Astrophysics</i> , 2015, 577, A4.	5.1	98
115	Oscillations in stellar superflares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 956-966.	4.4	37
116	RADIAL AND AZIMUTHAL OSCILLATIONS OF HALO CORONAL MASS EJECTIONS IN THE SUN. <i>Astrophysical Journal Letters</i> , 2015, 803, L7.	8.3	11
117	X-RAY AND EUV OBSERVATIONS OF SIMULTANEOUS SHORT AND LONG PERIOD OSCILLATIONS IN HOT CORONAL ARCADE LOOPS. <i>Astrophysical Journal</i> , 2015, 804, 4.	4.5	61
118	A Combined Analysis of the Observational Aspects of the Quasi-biennial Oscillation in Solar Magnetic Activity. <i>Space Sciences Series of ISSI</i> , 2015, , 359-386.	0.0	5
119	North-south asymmetry in the magnetic deflection of polar coronal hole jets. <i>Astronomy and Astrophysics</i> , 2015, 583, A127.	5.1	18
120	Solar and Heliospheric Physics with the Square Kilometre Array. , 2015, , .		7
121	VERTICAL KINK OSCILLATION OF A MAGNETIC FLUX ROPE STRUCTURE IN THE SOLAR CORONA. <i>Astrophysical Journal Letters</i> , 2014, 797, L22.	8.3	24
122	OSCILLATIONS IN A SUNSPOT WITH LIGHT BRIDGES. <i>Astrophysical Journal</i> , 2014, 792, 41.	4.5	37
123	A Combined Analysis of the Observational Aspects of the Quasi-biennial Oscillation in Solar Magnetic Activity. <i>Space Science Reviews</i> , 2014, 186, 359-386.	8.1	113
124	Wave dynamics in a sunspot umbra. <i>Astronomy and Astrophysics</i> , 2014, 569, A72.	5.1	37
125	A comparison of weak-turbulence and particle-in-cell simulations of weak electron-beam plasma interaction. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	17
126	TEMPERATURE ANISOTROPY IN THE PRESENCE OF ULTRA LOW FREQUENCY WAVES IN THE TERRESTRIAL FORESHOCK. <i>Astrophysical Journal Letters</i> , 2014, 788, L5.	8.3	5



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127	Editorial: solar radiophysics " recent results on observations and theories. Research in Astronomy and Astrophysics, 2014, 14, E1-E6.	1.7	6
128	Observation of a high-quality quasi-periodic rapidly propagating wave train using SDO/AIA. Astronomy and Astrophysics, 2014, 569, A12.	5.1	66
129	Fast magnetoacoustic wave trains in coronal holes. Astronomy and Astrophysics, 2014, 568, A20.	5.1	35
130	Multi-height observations of magnetoacoustic cut-off frequency in a sunspot atmosphere. Astronomy and Astrophysics, 2014, 561, A19.	5.1	53
131	Sausage oscillations of coronal plasma slabs. Astronomy and Astrophysics, 2014, 567, A24.	5.1	19
132	Dynamics of a multi-thermal loop in the solar corona. Astronomy and Astrophysics, 2014, 570, A84.	5.1	34
133	THE DECAYING LONG-PERIOD OSCILLATION OF A STELLAR MEGAFLARE. Astrophysical Journal, 2013, 773, 156.	4.5	47
134	Decay-less kink oscillations in coronal loops. Astronomy and Astrophysics, 2013, 560, A107.	5.1	121
135	Decaying and decayless transverse oscillations of a coronal loop. Astronomy and Astrophysics, 2013, 552, A57.	5.1	161
136	Long-Period Oscillations of Sunspots by NoRH and SSRT Observations. Publication of the Astronomical Society of Japan, 2013, 65, S13.	2.5	14
137	3D Reconstruction of Coronal Loops by the Principal Component Analysis. Entropy, 2013, 15, 4520-4539.	2.2	8
138	QUASI-PERIODIC WIGGLES OF MICROWAVE ZEBRA STRUCTURES IN A SOLAR FLARE. Astrophysical Journal, 2013, 777, 159.	4.5	24
139	Distinct propagating fast wave trains associated with flaring energy releases. Astronomy and Astrophysics, 2013, 554, A144.	5.1	66
140	Fast magnetoacoustic wave trains in magnetic funnels of the solar corona. Astronomy and Astrophysics, 2013, 560, A97.	5.1	81
141	Coronal seismology. Physics-Uspekhi, 2012, 55, 929-935.	2.2	16
142	SLOW MAGNETOACOUSTIC OSCILLATIONS IN THE MICROWAVE EMISSION OF SOLAR FLARES. Astrophysical Journal Letters, 2012, 756, L36.	8.3	43
143	Intensity variations associated with fast sausage modes. Astronomy and Astrophysics, 2012, 543, A12.	5.1	32
144	THREE-MINUTE OSCILLATIONS ABOVE SUNSPOT LUMBRA OBSERVED WITH THE SOLAR DYNAMICS OBSERVATORY/ATMOSPHERIC IMAGING ASSEMBLY AND NOBEYAMA RADIOHELIOGRAPH. Astrophysical Journal, 2012, 746, 119.	4.5	66

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145	Magnetohydrodynamic waves and coronal seismology: an overview of recent results. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 3193-3216.	3.4	295
146	SAUSAGE OSCILLATIONS OF CORONAL PLASMA STRUCTURES. <i>Astrophysical Journal</i> , 2012, 761, 134.	4.5	94
147	Nonlinear evolution of torsional Alfvén waves. <i>Astronomy and Astrophysics</i> , 2012, 544, A127.	5.1	38
148	Solar Particle Acceleration Radiation and Kinetics (SPARK). <i>Experimental Astronomy</i> , 2012, 33, 237-269.	3.7	4
149	Measuring the apparent phase speed of propagating EUV disturbances. <i>Astronomy and Astrophysics</i> , 2012, 543, A9.	5.1	53
150	Frequency drifts of 3-min oscillations in microwave and EUV emission above sunspots. <i>Astronomy and Astrophysics</i> , 2012, 539, A23.	5.1	31
151	Instrumental oscillations in RHESSI count rates during solar flares. <i>Astronomy and Astrophysics</i> , 2011, 530, A47.	5.1	10
152	Damped large amplitude transverse oscillations in an EUV solar prominence, triggered by large-scale transient coronal waves. <i>Astronomy and Astrophysics</i> , 2011, 531, A53.	5.1	59
153	CHROMOSPHERIC RESONANCES ABOVE SUNSPOT UMBRAE. <i>Astrophysical Journal</i> , 2011, 728, 84.	4.5	77
154	SLOW MAGNETOACOUSTIC WAVES IN TWO-RIBBON FLARES. <i>Astrophysical Journal Letters</i> , 2011, 730, L27.	8.3	71
155	Period persistence of long period oscillations in sunspots. <i>Astronomy and Astrophysics</i> , 2011, 529, A123.	5.1	15
156	Leakage of long-period oscillations from the chromosphere to the corona. <i>Astronomy and Astrophysics</i> , 2011, 533, A116.	5.1	46
157	THE FIRST MEASUREMENT OF THE ADIABATIC INDEX IN THE SOLAR CORONA USING TIME-DEPENDENT SPECTROSCOPY OF <i>HINODE</i> /EIS OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2011, 727, L32.	8.3	101
158	Magnetoacoustic shock formation near a magnetic null point. <i>Astronomy and Astrophysics</i> , 2011, 531, A63.	5.1	25
159	MAGNETIC KELVIN-HELMHOLTZ INSTABILITY AT THE SUN. <i>Astrophysical Journal Letters</i> , 2011, 729, L8.	8.3	164
160	Height distribution of the power of 3-min oscillations over sunspots. <i>Astronomy and Astrophysics</i> , 2011, 525, A41.	5.1	22
161	Nonlinear long-wavelength torsional Alfvén waves. <i>Astronomy and Astrophysics</i> , 2011, 526, A80.	5.1	45
162	Entropy mode at a magnetic null point as a possible tool for indirect observation of nanoflares in the solar corona. <i>Astronomy and Astrophysics</i> , 2011, 533, A18.	5.1	27

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