List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The plasma radiation of flare kernels. Solar Physics, 1983, 88, 297.	2.5	108
2	Pulsations of type IV solar radio emission: The bounce-resonance effects. Solar Physics, 1978, 58, 165-179.	2.5	97
3	Towards the circuit theory of solar flares. Solar Physics, 1992, 139, 343-356.	2.5	61
4	Microwave plasma emission of a flare on AD Leo. Astronomy and Astrophysics, 2001, 374, 1072-1084.	5.1	56
5	Oscillations of coronal loops and second pulsations of solar radio emission. Astronomy Letters, 2007, 33, 706-713.	1.0	47
6	Electron–Whistler Interaction in Coronal Loops and Radiation Signatures. Solar Physics, 2002, 211, 135-154.	2.5	46
7	Consequences of strong pitch-angle diffusion of particles in solar flares. Astrophysical Journal, 1991, 374, 369.	4.5	41
8	Secondâ€Harmonic Plasma Radiation of Magnetically Trapped Electrons in Stellar Coronae. Astrophysical Journal, 1999, 524, 961-973.	4.5	39
9	Microwave Observations of the Rapid Propagation of Nonthermal Sources in a Solar Flare by the Nobeyama Radioheliograph. Astrophysical Journal, 2002, 576, L87-L90.	4.5	39
10	Radial oscillations of coronal loops and microwave radiation from solar flares. Astronomy Letters, 2002, 28, 783-791.	1.0	30
11	Pulsations of microwave emission and flare plasma diagnostics. Astronomy Letters, 2004, 30, 480-488.	1.0	29
12	Radio signature of fragmented electron injection into a coronal loop. Solar Physics, 1994, 153, 403-417.	2.5	27
13	Pulsating microwave emission from the star AD Leo. Astronomy Letters, 2004, 30, 319-324.	1.0	26
14	Ballooning Instability in Coronal Flare Loops. Solar Physics, 2008, 253, 161-172.	2.5	22
15	On the Possible Connection between Photospheric 5-Min Oscillation and Solar Flare Microwave Emission. Solar Physics, 2006, 233, 89-106.	2.5	21
16	Sub-terahertz emission from solar flares: The plasma mechanism of chromospheric emission. Astronomy Letters, 2013, 39, 650-659.	1.0	19
17	Particle Acceleration and Plasma Heating in the Chromosphere. Solar Physics, 2015, 290, 3559-3572.	2.5	18
18	Diagnostics of solar flare and evaporated plasma using mm-wave emission. Solar Physics, 1992, 140, 139-148.	2.5	17

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19	Turbulent propagation of high-energy electrons in a solar coronal loop. Astronomy and Astrophysics, 2007, 465, 613-619.	5.1	17
20	Pulsations of type IV radio bursts as an indicator of protonarility of solar flares. Solar Physics, 1984, 93, 363-377.	2.5	16
21	Oscillations of optical emission from flare stars and coronal loop diagnostics. Astronomy Letters, 2005, 31, 612-619.	1.0	15
22	Energy Flux of Alfvén Waves in Weakly Ionized Plasma and Coronal Heating of the Sun. Solar Physics, 2011, 270, 205-211.	2.5	15
23	On the Origin of Pulsations of Sub-THz Emission from Solar Flares. Solar Physics, 2014, 289, 3017-3032.	2.5	15
24	Rayleigh–Taylor Instability and Excitation of Super-Dreicer Electric Fields in the Solar Chromosphere. Solar Physics, 2016, 291, 3451-3459.	2.5	15
25	Particle acceleration in flares. Solar Physics, 1994, 153, 33-53.	2.5	14
26	Spectral-temporal evolution of low-frequency pulsations in the microwave radiation of solar flares. Astronomy Reports, 2003, 47, 873-882.	0.9	14
27	Frequency rising sub-THz emission from solar flare ribbons. Astronomy and Astrophysics, 2018, 620, A95.	5.1	13
28	Quasi-periodic Pulsations as a Diagnostic Tool for Coronal Plasma Parameters. , 2007, , 221-250.		13
29	Comparison of mm-wave and X-ray diagnostics of flare plasma. Solar Physics, 1994, 154, 317-334.	2.5	12
30	Prominence activation by increase in electric current. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 179, 149-153.	1.6	12
31	On the relation between solar-flare gamma-ray emission and proton escape into interplanetary space. Solar Physics, 1985, 99, 313-321.	2.5	11
32	On the Stabilization of a Twisted Magnetic Flux Tube. Astrophysical Journal, 2020, 901, 99.	4.5	10
33	Acceleration and Storage of Energetic Electrons in Magnetic Loops in the Course of Electric Current Oscillations. Solar Physics, 2017, 292, 1.	2.5	9
34	Ballooning instability and oscillations of coronal loops. Astronomy Reports, 2006, 50, 1026-1035.	0.9	8
35	Soft X-ray oscillations from AT Mic: Flare plasma diagnostics. Astronomy Letters, 2006, 32, 569-573.	1.0	8
36	Diagnostics of a flare on EQ Peg B from optical pulsations. Astronomy Letters, 2011, 37, 49-54.	1.0	8

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37	On the Possibility of Heating the Solar Corona by Heat Fluxes from Coronal Magnetic Structures. Solar Physics, 2020, 295, 1.	2.5	7
38	On the origin of time delays in hard X-ray and gamma-ray emission of solar flares. Solar Physics, 1988, 114, 127.	2.5	6
39	Microwave burst of November 17, 1991: Evidence of fragmented particle injection into a coronal loop. Space Science Reviews, 1994, 68, 205-210.	8.1	6
40	Electrostatic Wave Instability and Plasma Radiation from Coronal Loops. Solar Physics, 1997, 176, 147-152.	2.5	6
41	Ambipolar diffusion and magnetic reconnection. Astronomy Reports, 2012, 56, 138-145.	0.9	6
42	Acoustic and Slow Sausage Oscillations in the Stratified Solar Photosphere: Hinode Observations and Phase Relationships. Solar Physics, 2016, 291, 3349-3356.	2.5	6
43	On the Origin of Intense Radio Emission from the Brown Dwarfs. Radiophysics and Quantum Electronics, 2017, 59, 867-875.	0.5	6
44	Energy transport and dynamics. Solar Physics, 1994, 153, 55-72.	2.5	5
45	Radio-wave diagnostics of interstellar flares in binary systems. New Astronomy Reviews, 1997, 41, 203-206.	0.3	5
46	Alfven modes of solar coronal magnetic arches: Excitation of ballooning instability and modulation of flare emission. Cosmic Research, 2008, 46, 294-300.	0.6	5
47	The challenges of the models of solar flares. Geomagnetism and Aeronomy, 2016, 56, 952-971.	0.8	5
48	On the intensity of the radio emission from the front of a collisionless shock wave. Radiophysics and Quantum Electronics, 1970, 13, 1034-1039.	0.5	4
49	The structure of the turbulent shock wave propagating in the solar atmosphere across the magnetic field. Solar Physics, 1978, 60, 279-291.	2.5	4
50	Peculiarities of the plasma mechanism of radio emission from late-type stars. Astronomy Letters, 2000, 26, 736-742.	1.0	4
51	Low-Frequency Pulsations of Coronal Magnetic Loops. Radiophysics and Quantum Electronics, 2001, 44, 36-52.	0.5	4
52	Strongly Beamed, Polarized Radio Emission from CU Virginis. Radiophysics and Quantum Electronics, 2001, 44, 726-732.	0.5	4
53	Polarization of the HÎ \pm emission and proton isotropization in solar flares. Astronomy Letters, 2008, 34, 52-58.	1.0	4
54	On the origin of the high-Q high-frequency oscillations of magnetars. Astronomy Letters, 2011, 37, 276-280.	1.0	4

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55	Pulsations of optical radiation during the flare of YZ CMi occurred on February 9, 2008. Kinematics and Physics of Celestial Bodies, 2011, 27, 154-159.	0.6	4
56	Oscillating Magnetic Trap and Non-Thermal Emission from Solar Flares. Publication of the Astronomical Society of Japan, 2013, 65, S6.	2.5	4
57	Particle Acceleration by Induced Electric Fields in Course of Electric Current Oscillations in Coronal Magnetic Loops. Geomagnetism and Aeronomy, 2018, 58, 831-840.	0.8	3
58	Flare Energy Release and Electron Acceleration to Relativistic Energies by Quasi-Stationary Electric Fields in the Lower Atmosphere of the Sun. Geomagnetism and Aeronomy, 2019, 59, 789-792.	0.8	3
59	Microwave Burst of November 17, 1991: Evidence of Fragmented Particle Injection into a Coronal Loop. , 1994, , 205-210.		3
60	Evolution of Electric Current and Resistance in the Flare Loop in the Course of Loop Shrinkage. Geomagnetism and Aeronomy, 2020, 60, 915-920.	0.8	3
61	On the Origin of Persistent Radio and X-ray Emission from Brown Dwarf TVLM 513-46546. Universe, 2022, 8, 77.	2.5	3
62	Quasi-periodic pulsations and diagnostics of flaring plasma. Geomagnetism and Aeronomy, 2014, 54, 969-981.	0.8	2
63	On the Description of Transverse Wave Propagation Along Thin Magnetic Flux Tubes. Geomagnetism and Aeronomy, 2018, 58, 942-946.	0.8	2
64	Parametric interaction of coronal loops with p modes. Communications in Asteroseismology, 0, 159, 30-32.	0.0	2
65	Origin of electron streams generating the ?herringbone? structure of type II bursts. Radiophysics and Quantum Electronics, 1974, 17, 936-943.	0.5	1
66	On the nature of optical oscillations on the flare stars. Proceedings of the International Astronomical Union, 2004, 2004, 391-392.	0.0	1
67	Dynamics of accelerated electron beams and X rays in solar flares with sub-THz radiation. Geomagnetism and Aeronomy, 2012, 52, 1015-1020.	0.8	1
68	Accumulation of accelerated electrons in coronal loops and time delays of solar flare nonthermal emission. Geomagnetism and Aeronomy, 2015, 55, 979-982.	0.8	1
69	Frozen-In Magnetic Field Lines and Alfvén Wave Generation in Weakly Ionized Plasma. Solar Physics, 2015, 290, 1923-1929.	2.5	1
70	Generation of superDreicer electric fields in the solar chromosphere. Geomagnetism and Aeronomy, 2016, 56, 903-907.	0.8	1
71	Modification of "Pressed―Atmospheres in Active Regions of Ultracool Stars. Geomagnetism and Aeronomy, 2017, 57, 859-863.	0.8	1
72	Slowly Varying Component of Radio Emission from TVLM 513-46546 and Continuous Sources of High Energy Electrons in the Coronae of UltraCool Stars. Geomagnetism and Aeronomy, 2018, 58, 1144-1148.	0.8	1

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73	Dynamic Model of Magnetic Flux Ropes. Geomagnetism and Aeronomy, 2019, 59, 806-809.	0.8	1
74	Coronal Loops and Optical Radiation from Flaring Stars. Geomagnetism and Aeronomy, 2020, 60, 1067-1070.	0.8	1
75	X-Ray Emission from Utracool Stars. Radiophysics and Quantum Electronics, 2021, 64, 379-387.	0.5	1
76	Magnetic-Field Concentration and the Twisted Solar Coronal Loops. Geomagnetism and Aeronomy, 2021, 61, 1052-1056.	0.8	1
77	Type-II Spicules as Important Sources of Both Heating and Sustain the Mass Loss of Solar Corona. Geomagnetism and Aeronomy, 2021, 61, 1116-1121.	0.8	1
78	Energetic Particles in a Flare Loop: Spectra and Radiation Signatures. Symposium - International Astronomical Union, 1990, 142, 421-427.	0.1	0
79	Multifrequency Analysis of a UV Ceti Flare on 1991 December 31. International Astronomical Union Colloquium, 1995, 151, 89-90.	0.1	Ο
80	Microwave imaging observation of an electron stream in a solar flare. Advances in Space Research, 2003, 32, 2517-2520.	2.6	0
81	Plasma processes in coronal magnetic arcs. Journal of Optical Technology (A Translation of) Tj ETQq1 1 0.78431	4 rgBT /O	verlock 10 Tf
82	QUASI-PERIODIC OSCILLATIONS FROM STELLAR FLARES AND DIAGNOSTICS OF FLARING PLASMA. , 2011, , 195-217.		0
83	Pulsations of non-thermal emissions from the solar flare of November 5, 1992 and the trap-plus-precipitation model. Bulletin of the Crimean Astrophysical Observatory, 2013, 109, 90-97.	0.1	Ο
84	Time delay in pulsations of the nonthermal radiation of solar flares. Geomagnetism and Aeronomy, 2013, 53, 827-830.	0.8	0
85	Time delays in the nonthermal radiation of solar flares according to observations of the CORONAS-F satellite. Cosmic Research, 2016, 54, 285-289.	0.6	Ο
86	Comparative analysis of loss-cone instabilities in the coronae of the Sun and stars. KosmìÄna Nauka ì Tehnologìâ, 2003, 8, 144-146.	0.5	0
87	Coronal loops and pulsations of radiation from flare stars. KosmìÄna Nauka ì Tehnologìâ, 2004, 10, 141-144.	0.5	Ο
88	10.1007/s11443-008-1006-9. , 2010, 34, 52.		0
89	10.1007/s11447-008-1013-4. , 2010, 106, 154.		0
90	On the Origin of Pulsations of Sub-THz Emission from Solar Flares. , 2014, , 395-410.		0

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91	Energetic Particles in a Flare Loop: Spectra and Radiation Signatures. , 1990, , 421-427.		Ο
92	On the Origin of Intense Radio Emission from Solar and Stellar Flares. , 1996, , 281-282.		0
93	X-Ray Emission From Utracool Stars. Izvestiya Vysshikh Uchebnykh Zavedenij Radiofizika, 2021, 64, 419-429.	0.1	0
94	Photospheric Source of White-Light Flare Energy. Geomagnetism and Aeronomy, 2021, 61, 917-922.	0.8	0