Spiro K Antiochos

List of Publications by Year
in descending order

179 papers	11,084 citations	28190 55 h-index	31759 101 g-index
186 all docs	186 docs citations	186 times ranked	2411 citing authors

#	Article	IF	Citations
1	Correlated Spatio-temporal Evolution of Extreme-Ultraviolet Ribbons and Hard X-Rays in a Solar Flare. Astrophysical Journal, 2022, 926, 218.	1.6	13
2	SynthIA: A Synthetic Inversion Approximation for the Stokes Vector Fusing SDO and Hinode into a Virtual Observatory. Astrophysical Journal, Supplement Series, 2022, 259, 24.	3.0	5
3	The Dynamic Coupling of Streamers and Pseudostreamers to the Heliosphere. Astrophysical Journal, 2022, 929, 185.	1.6	3
4	The Dynamic Structure of Coronal Hole Boundaries. Astrophysical Journal, 2022, 931, 96.	1.6	4
5	Variability of the Reconnection Guide Field in Solar Flares. Astrophysical Journal, 2022, 932, 94.	1.6	13
6	From Pseudostreamer Jets to Coronal Mass Ejections: Observations of the Breakout Continuum. Astrophysical Journal, 2021, 907, 41.	1.6	22
7	A Model for the Coupled Eruption of a Pseudostreamer and Helmet Streamer. Astrophysical Journal, 2021, 909, 54.	1.6	18
8	Effects of Pseudostreamer Boundary Dynamics on Heliospheric Field and Wind. Astrophysical Journal, 2021, 909, 10.	1.6	9
9	Fast and Accurate Emulation of the SDO/HMI Stokes Inversion with Uncertainty Quantification. Astrophysical Journal, 2021, 911, 130.	1.6	5
10	How Turbulent is the Magnetically Closed Corona?. Frontiers in Astronomy and Space Sciences, 2021, 8, .	1.1	7
11	The Dynamic Formation of Pseudostreamers. Astrophysical Journal, 2021, 913, 64.	1.6	8
12	An Observational Study of a â€œRosetta Stoneâ€•Solar Eruption. Astrophysical Journal Letters, 2021, 914, L8.	3.0	13
13	The Effect of Thermal Nonequilibrium on Helmet Streamers. Astrophysical Journal, 2021, 916, 115.	1.6	7
14	Particle Acceleration and Transport during 3D CME Eruptions. Astrophysical Journal, 2020, 894, 89.	1.6	2
15	A Model for Energy Buildup and Eruption Onset in Coronal Mass Ejections. Astrophysical Journal, 2019, 879, 96.	1.6	27
16	Escape of Flare-accelerated Particles in Solar Eruptive Events. Astrophysical Journal, 2019, 884, 143.	1.6	31
17	Numerical simulation of helical jets at active region peripheries. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3679-3690.	1.6	17
18	First Detection of Plasmoids from Breakout Reconnection on the Sun. Astrophysical Journal Letters, 2019, 885, L15.	3.0	36

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19	Multiwavelength Study of Equatorial Coronal-hole Jets. Astrophysical Journal, 2019, 873, 93.	1.6	38
20	Observations of Solar Coronal Rain in Null Point Topologies. Astrophysical Journal Letters, 2019, 874, L33.	3.0	42
21	The Role of Magnetic Helicity in Coronal Heating. Astrophysical Journal, 2019, 883, 26.	1.6	19
22	Determining the Transport of Magnetic Helicity and Free Energy in the Sunâ€™s Atmosphere. Astrophysical Journal, 2019, 882, 151.	1.6	11
23	Evidence for the Magnetic Breakout Model in an Equatorial Coronal-hole Jet. Astrophysical Journal, 2018, 854, 155.	1.6	43
24	A Breakout Model for Solar Coronal Jets with Filaments. Astrophysical Journal, 2018, 852, 98.	1.6	98
25	Assessing the Quality of Models of the Ambient Solar Wind. Space Weather, 2018, 16, 1644-1667.	1.3	44
26	Magnetic Helicity Condensation and the Solar Cycle. Astrophysical Journal, 2018, 869, 62.	1.6	17
27	A Model for Coronal Hole Bright Points and Jets Due to Moving Magnetic Elements. Astrophysical Journal, 2018, 864, 165.	1.6	22
28	ELECTRON ACCELERATION IN CONTRACTING MAGNETIC ISLANDS DURING SOLAR FLARES. Astrophysical Journal, 2017, 835, 48.	1.6	11
29	RECONNECTION-DRIVEN CORONAL-HOLE JETS WITH GRAVITY AND SOLAR WIND. Astrophysical Journal, 2017, 834, 62.	1.6	48
30	CORONAL JETS SIMULATED WITH THE GLOBAL ALFVÃ‰N WAVE SOLAR MODEL. Astrophysical Journal, 2017, 834, 123.	1.6	11
31	Dynamics of Coronal Hole Boundaries. Astrophysical Journal, 2017, 837, 113.	1.6	41
32	Formation of Heliospheric Arcs of Slow Solar Wind. Astrophysical Journal Letters, 2017, 840, L10.	3.0	36
33	A universal model for solar eruptions. Nature, 2017, 544, 452-455.	13.7	173
34	The Mechanism for the Energy Buildup Driving Solar Eruptive Events. Astrophysical Journal Letters, 2017, 851, L17.	3.0	25
35	THE ROLE OF MAGNETIC HELICITY IN STRUCTURING THE SOLAR CORONA. Astrophysical Journal, 2017, 835, 85.	1.6	28
36	COMPOSITION OF CORONAL MASS EJECTIONS. Astrophysical Journal, 2016, 826, 10.	1.6	46

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37	Implications of L1 observations for slow solar wind formation by solar reconnection. Geophysical Research Letters, 2016, 43, 4089-4097.	1.5	60
38	Slow Solar Wind: Observations and Modeling. Space Science Reviews, 2016, 201, 55-108.	3.7	147
39	ACHIEVING CONSISTENT DOPPLER MEASUREMENTS FROM SDO/HMI VECTOR FIELD INVERSIONS. Astrophysical Journal, 2016, 823, 101.	1.6	24
40	Model for straight and helical solar jets. Astronomy and Astrophysics, 2015, 573, A130.	2.1	108
41	NUMERICAL SIMULATIONS OF HELICITY CONDENSATION IN THE SOLAR CORONA. Astrophysical Journal, 2015, 805, 61.	1.6	21
42	Structures in the Outer Solar Atmosphere. Space Science Reviews, 2015, 188, 211-249.	3.7	15
43	A MODEL FOR THE ELECTRICALLY CHARGED CURRENT SHEET OF A PULSAR. Astrophysical Journal, 2015, 801, 109.	1.6	10
44	FILAMENT CHANNEL FORMATION VIA MAGNETIC HELICITY CONDENSATION. Astrophysical Journal, 2015, 809, 137.	1.6	36
45	GLOBAL-SCALE CONSEQUENCES OF MAGNETIC-HELICITY INJECTION AND CONDENSATION ON THE SUN. Astrophysical Journal, 2014, 784, 164.	1.6	33
46	SIMULATIONS OF EMERGING MAGNETIC FLUX. II. THE FORMATION OF UNSTABLE CORONAL FLUX ROPES AND THE INITIATION OF CORONAL MASS EJECTIONS. Astrophysical Journal, 2014, 787, 46.	1.6	67
47	ISS Space Plasma Laboratory: An ISS instrument package for investigating the opening/closing of solar and heliospheric magnetic fields. , 2014, , .		0
48	HELICITY CONDENSATION AS THE ORIGIN OF CORONAL AND SOLAR WIND STRUCTURE. Astrophysical Journal, 2013, 772, 72.	1.6	62
49	A MODEL FOR THE ESCAPE OF SOLAR-FLARE-ACCELERATED PARTICLES. Astrophysical Journal, 2013, 771, 82.	1.6	87
50	ISS Space Plasma Laboratory: An Orbital Solar and Heliospheric Physics Simulation Facility. , 2013, , .		0
51	The Role of Helicity in Magnetic Reconnection: 3D Numerical Simulations. Geophysical Monograph Series, 2013, , 187-196.	0.1	3
52	Coronal jets in an inclined coronal magnetic field : a parametric 3D MHD study. EAS Publications Series, 2012, 55, 201-205.	0.3	4
53	THE MECHANISMS FOR THE ONSET AND EXPLOSIVE ERUPTION OF CORONAL MASS EJECTIONS AND ERUPTIVE FLARES. Astrophysical Journal, 2012, 760, 81.	1.6	214
54	The Structure and Dynamics of the Coronaâ€"Heliosphere Connection. Space Science Reviews, 2012, 172, 169-185.	3.7	51

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55	Global network of slow solar wind. Journal of Geophysical Research, 2012, 117, .	3.3	54
56	CONSTRAINTS ON CORONAL MASS EJECTION EVOLUTION FROM IN SITU OBSERVATIONS OF IONIC CHARGE STATES. Astrophysical Journal, 2011, 730, 103.	1.6	69
57	A MODEL FOR THE SOURCES OF THE SLOW SOLAR WIND. Astrophysical Journal, 2011, 731, 112.	1.6	228
58	MAGNETIC TOPOLOGY OF CORONAL HOLE LINKAGES. Astrophysical Journal, 2011, 731, 111.	1.6	112
59	THE EVOLUTION OF OPEN MAGNETIC FLUX DRIVEN BY PHOTOSPHERIC DYNAMICS. Astrophysical Journal, 2011, 731, 110.	1.6	54
60	On the influence of CMEs on the global 3-D coronal electron density. Annales Geophysicae, 2011, 29, 1019-1028.	0.6	7
61	The Structure and Dynamics of the Coronaâ€"Heliosphere Connection. Space Sciences Series of ISSI, 2011, , 169-185.	0.0	0
62	THREE-DIMENSIONAL MODELING OF QUASI-HOMOLOGOUS SOLAR JETS. Astrophysical Journal, 2010, 714, 1762-1778.	1.6	164
63	SYMMETRIC CORONAL JETS: A RECONNECTION-CONTROLLED STUDY. Astrophysical Journal, 2010, 715, 1556-1565.	1.6	38
64	FORMATION AND RECONNECTION OF THREE-DIMENSIONAL CURRENT SHEETS IN THE SOLAR CORONA. Astrophysical Journal, 2010, 718, 72-85.	1.6	41
65	INTERCHANGE RECONNECTION AND CORONAL HOLE DYNAMICS. Astrophysical Journal, 2010, 714, 517-531.	1.6	56
66	CAN THERMAL NONEQUILIBRIUM EXPLAIN CORONAL LOOPS?. Astrophysical Journal, 2010, 714, 1239-1248.	1.6	76
67	TESTS OF DYNAMICAL FLUX EMERGENCE AS A MECHANISM FOR CORONAL MASS EJECTION INITIATION. Astrophysical Journal, 2010, 722, 550-565.	1.6	13
68	A MODEL FOR SOLAR POLAR JETS. Astrophysical Journal, 2009, 691, 61-74.	1.6	307
69	ROTATION OF CORONAL MASS EJECTIONS DURING ERUPTION. Astrophysical Journal, 2009, 697, 1918-1927.	1.6	113
70	RECONNECTION-DRIVEN DYNAMICS OF CORONAL-HOLE BOUNDARIES. Astrophysical Journal, 2009, 707, 1427-1437.	1.6	44
71	Comparison of Heliospheric In Situ Data with the Quasiâ€steady Solar Wind Models. Astrophysical Journal, 2008, 674, 1158-1166.	1.6	16
72	Condensation Formation by Impulsive Heating in Prominences. Astrophysical Journal, 2008, 676, 658-671.	1.6	64

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73	STEREO SECCHI Stereoscopic Observations Constraining the Initiation of Polar Coronal Jets. Astrophysical Journal, 2008, 680, L73-L76.	1.6	137
74	Topological Evolution of a Fast Magnetic Breakout CME in Three Dimensions. Astrophysical Journal, 2008, 683, 1192-1206.	1.6	204
75	Topologically driven coronal dynamics â€“ a mechanism for coronal hole jets. Annales Geophysicae, 2008, 26, 2967-2974.	0.6	5
76	Homologous Confined Filament Eruptions via Magnetic Breakout. Astrophysical Journal, 2008, 680, 740-756.	1.6	168
77	Structure and Dynamics of the Sunâ€™s Open Magnetic Field. Astrophysical Journal, 2007, 671, 936-946.	1.6	80
78	Solar Prominence Merging. Astrophysical Journal, 2006, 646, 1349-1357.	1.6	46
79	The Origin of Highâ€Speed Motions and Threads in Prominences. Astrophysical Journal, 2006, 637, 531-540.	1.6	91
80	DC coronal heating and the nonlinear evolution of current sheets. Advances in Space Research, 2006, 37, 1342-1347.	1.2	4
81	CME Theory and Models. Space Science Reviews, 2006, 123, 251-302.	3.7	336
82	A Transient Heating Model for the Structure and Dynamics of the Solar Transition Region. Astrophysical Journal, 2006, 642, 579-583.	1.6	30
83	Magnetic Reconnection Models of Prominence Formation. Astrophysical Journal, 2005, 634, 1395-1404.	1.6	51
84	Solar Prominence Interactions. Astrophysical Journal, 2005, 629, 1122-1134.	1.6	75
85	The Role of Magnetic Helicity in Coronal Mass Ejections. Astrophysical Journal, 2005, 624, L129-L132.	1.6	43
86	An Explanation for the â€œSwitchâ€Onâ€•Nature of Magnetic Energy Release and Its Application to Coronal Heating. Astrophysical Journal, 2005, 622, 1191-1201.	1.6	79
87	Prominence Formation by Thermal Nonequilibrium in the Shearedâ€Arcade Model. Astrophysical Journal, 2005, 635, 1319-1328.	1.6	60
88	Prominence Formation Processes. Highlights of Astronomy, 2005, 13, 127-127.	0.0	0
89	Magnetic Flux Tube Reconnection: Tunneling Versus Slingshot. Astrophysical Journal, 2005, 625, 506-521.	1.6	22
90	Solar cycle-dependent helicity transport by magnetic clouds. Journal of Geophysical Research, 2005, 110, .	3.3	104

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91	Magnetic Free Energies of Breakout Coronal Mass Ejections. Astrophysical Journal, 2005, 628, 1031-1045.	1.6	34
92	Radiation characteristics of a high-emissivity cylindricalâ€“spherical cavity with obscuration. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 104.	0.8	5
93	Thermal and Nonthermal Emission in Solar Flares. Astrophysical Journal, 2004, 611, L49-L52.	1.6	32
94	Observable Properties of the Breakout Model for Coronal Mass Ejections. Astrophysical Journal, 2004, 617, 589-599.	1.6	122
95	A Model for Bright Extremeâ€Ultraviolet Knots in Solar Flare Loops. Astrophysical Journal, 2004, 614, 1022-1027.	1.6	17
96	A Numerical Study of the Breakout Model for Coronal Mass Ejection Initiation. Astrophysical Journal, 2004, 614, 1028-1041.	1.6	128
97	Coronal energy release via ideal three-dimensional instability three-dimensional instability. Advances in Space Research, 2003, 32, 1029-1034.	1.2	13
98	Internal structure of magnetic clouds: Plasma and composition. Journal of Geophysical Research, 2003, 108, .	3.3	110
99	Constraints on the Magnetic Field Geometry in Prominences. Astrophysical Journal, 2003, 593, 1187-1194.	1.6	54
100	Constraints on Active Region Coronal Heating. Astrophysical Journal, 2003, 590, 547-553.	1.6	73
101	A Transient Heating Model for Coronal Structure and Dynamics. Astrophysical Journal, 2003, 582, 486-494.	1.6	59
102	Coronal Magnetic Field Relaxation by Nullâ€Point Reconnection. Astrophysical Journal, 2002, 575, 578-584.	1.6	37
103	Prominence Magnetic Dips in Three-dimensional Sheared Arcades. Astrophysical Journal, 2002, 567, L97-L101.	1.6	87
104	Theoretical Energy Analysis of Reconnecting Twisted Magnetic Flux Tubes. Astrophysical Journal, 2002, 581, 703-717.	1.6	19
105	Are Magnetic Dips Necessary for Prominence Formation?. Astrophysical Journal, 2001, 553, L85-L88.	1.6	161
106	Reconnection of Twisted Flux Tubes as a Function of Contact Angle. Astrophysical Journal, 2001, 553, 905-921.	1.6	137
107	Extremeâ€Ultraviolet Transitionâ€Region Line Emission during the Dynamic Formation of Prominence Condensations. Astrophysical Journal, 2001, 547, 1116-1129.	1.6	11
108	The Topology and Evolution of the Bastille Day Flare. Astrophysical Journal, 2000, 540, 1126-1142.	1.6	246

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109	Twisted Coronal Magnetic Loops. Astrophysical Journal, 2000, 542, 504-512.	1.6	52
110	Dynamical Formation and Stability of Helical Prominence Magnetic Fields. Astrophysical Journal, 2000, 539, 954-963.	1.6	182
111	The Thermal Nonequilibrium of Prominences. Astrophysical Journal, 2000, 536, 494-499.	1.6	73
112	Determination of Flare Heating and Cooling Using the [ITAL]Transition Region and Coronal Explorer[/ITAL]. Astrophysical Journal, 2000, 542, L151-L154.	1.6	13
113	The role of magnetic reconnection in solar activity. Geophysical Monograph Series, 1999, , 113-120.	0.1	4
114	The Science of Solar-B. Geophysical Monograph Series, 1999, , 207-212.	0.1	0
115	A Model for Solar Coronal Mass Ejections. Astrophysical Journal, 1999, 510, 485-493.	1.6	1,180
116	The Dynamic Formation of Prominence Condensations. Astrophysical Journal, 1999, 512, 985-991.	1.6	185
117	Variation of Thermal Structure with Height of a Solar Active Region Derived fromSOHOCDS andYOHKOHBCS Observations. Astrophysical Journal, 1999, 524, 1096-1104.	1.6	9
118	Prominence Formation by Localized Heating. Astrophysical Journal, 1998, 495, 485-490.	1.6	42
119	The Magnetic Topology of Solar Eruptions. Astrophysical Journal, 1998, 502, L181-L184.	1.6	296
120	Dynamic Responses to Magnetic Reconnection in Solar Arcades. Astrophysical Journal, 1998, 495, 491-501.	1.6	80
121	Magnetic flux tube tunneling. Physical Review E, 1997, 56, 2094-2103.	0.8	25
122	The Implications of 3D for Solar MHD Modelling. Solar Physics, 1997, 174, 5-19.	1.0	8
123	Magnetic fluxtube reconnection. Advances in Space Research, 1997, 19, 1781-1784.	1.2	3
124	<title>STEREO: a solar terrestrial event observer mission concept</title>. , 1996, , .		4
125	A Study of the Unresolved Fine-Structure Model for the Solar Transition Region. Astrophysical Journal, 1996, 462, 1011.	1.6	11
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127	Reconnection of antiparallel magnetic flux tubes. Journal of Geophysical Research, 1995, 100, 16991.	3.3	15
128	Cooling of solar flares plasmas. 1: Theoretical considerations. Astrophysical Journal, 1995, 439, 1034.	1.6	176
129	Asymptotic analysis of force-free magnetic fields of cylindrical symmetry. Astrophysical Journal, 1995, 443, 804.	1.6	15
130	The Role of Magnetic Reconnection in Chromospheric Eruptions. Astrophysical Journal, 1995, 450, 422.	1.6	53
131	The physics of coronal closed-filed structures. Advances in Space Research, 1994, 14, 139-148.	1.2	14
132	Mass flows in coronal loops. Space Science Reviews, 1994, 70, 143-148.	3.7	1
133	Observational evidence for non-equilibrium ionization in the solar corona. Space Science Reviews, 1994, 70, 207-209.	3.7	1
134	A Numerical Study of the Sudden Eruption of Sheared Magnetic Fields. Astrophysical Journal, 1994, 423, 847.	1.6	42
135	Comparison between cool and hot plasma behaviors of surges. Astrophysical Journal, 1994, 425, 326.	1.6	45
136	Observational tests for nonequilibrium ionization in the solar corona. Astrophysical Journal, 1994, 427, 453.	1.6	11
137	Asymptotic forms for the energy of force-free magnetic field ion figurations of translational symmetry. Astrophysical Journal, 1994, 431, 870.	1.6	7
138	A far-ultraviolet flare on a Pleiades G dwarf. Astrophysical Journal, 1994, 420, L33.	1.6	6
139	The magnetic field of solar prominences. Astrophysical Journal, 1994, 420, L41.	1.6	208
140	The Kelvin-Helmholtz instability in photospheric flows - Effects of coronal heating and structure. Astrophysical Journal, 1993, 403, 769.	1.6	35
141	Secondary instability in threeâ€dimensional magnetic reconnection. Physics of Fluids B, 1992, 4, 3902-3914.	1.7	63
142	A model for the formation of solar prominences. Astrophysical Journal, 1991, 378, 372.	1.6	134
143	Coronal current-sheet formation - The effect of asymmetric and symmetric shears. Astrophysical Journal, 1991, 382, 327.	1.6	46
144	Nonequilibrium ionization effects in asymmetrically heated loops. Astrophysical Journal, 1991, 382, 338.	1.6	25

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145	Dynamics of solar coronal magnetic fields. Astrophysical Journal, 1991, 383, 420.	1.6	32
146	Structure and flows in coronal loops. Geophysical Monograph Series, 1990, , 203-210.	0.1	0
147	The effect of nonequilibrium ionization on ultraviolet line shifts in the solar transition region. Astrophysical Journal, 1990, 355, 342.	1.6	20
148	The effects of nonequilibrium ionization on the radiative losses of the solar corona. Astrophysical Journal, 1990, 362, 370.	1.6	23
149	Episodic coronal heating. Astrophysical Journal, 1990, 356, L31.	1.6	40
150	On the formation of current sheets in the solar corona. Astrophysical Journal, 1990, 356, L67.	1.6	31
151	Magnetic Topology and Current Sheet Formation. International Astronomical Union Colloquium, 1989, 104, 277-280.	0.1	0
152	Nonlinear thermal instability in magnetized solar plasmas. Astrophysical Journal, 1989, 338, 493.	1.6	19
153	Mass flows and the ionization states of coronal loops. Astrophysical Journal, 1989, 338, 1131.	1.6	33
154	Effect of coronal elemental abundances on the radiative loss function. Astrophysical Journal, 1989, 338, 1176.	1.6	121
155	Theory of cool loops and the dividing line. , 1987, , 283-293.		1
156	The topology of force-free magnetic fields and its implications for coronal activity. Astrophysical Journal, 1987, 312, 886.	1.6	80
157	A numerical study of the nonlinear thermal stability of solar loops. Astrophysical Journal, 1987, 320, 409.	1.6	49
158	The structure of the static corona and transition region. Astrophysical Journal, 1986, 301, 440.	1.6	130
159	Modeling of coronal X-ray emission from active cool stars. I Hyades cluster. Astrophysical Journal, 1986, 305, 417.	1.6	24
160	Force-free magnetic fields - The magneto-frictional method. Astrophysical Journal, 1986, 309, 383.	1.6	221
161	On the dividing line for stellar coronae. Astrophysical Journal, 1986, 307, L55.	1.6	30
162	Thermal stability of static coronal loops. I - Effects of boundary conditions. Astrophysical Journal, 1985, 298, 876.	1.6	20

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164	A dynamic model for the solar transition region. Astrophysical Journal, 1984, 280, 416.	1.6	30
165	Coordinated Einstein and IUE observations of a disparitions brusques type flare event and quiescent emission from Proxima Centauri. Astrophysical Journal, 1983, 267, 280.	1.6	98
166	A giant X-ray flare in the Hyades. Astrophysical Journal, 1983, 264, L55.	1.6	16
167	The cooling and condensation of flare coronal plasma. Astrophysical Journal, 1982, 254, 343.	1.6	23
168	International ultraviolet explorer observations of Hyades stars. Astrophysical Journal, 1982, 258, 177.	1.6	16
169	Stellar coronae in the Hyades - A soft X-ray survey with the Einstein Observatory. Astrophysical Journal, 1981, 249, 647.	1.6	86
170	A model of active prominences. Astrophysical Journal, 1980, 236, 270.	1.6	11
171	Radiative-dominated cooling of the flare corona and transition region. Astrophysical Journal, 1980, 241, 385.	1.6	42
172	The evolution of active region loop plasma. Astrophysical Journal, 1980, 242, 374.	1.6	17
173	The evolution of soft X-ray-emitting flare loops. Astrophysical Journal, 1979, 229, 788.	1.6	19
174	Numerical modeling of quasi-static coronal loops. I - Uniform energy input. Astrophysical Journal, 1979, 233, 987.	1.6	179
175	The stability of solar coronal loops. Astrophysical Journal, 1979, 232, L125.	1.6	38
176	Evaporative cooling of flare plasma. Astrophysical Journal, 1978, 220, 1137.	1.6	180
177	Evolution of the coronal and transition-zone plasma in a compact flare - The event of 1973 August 9. Astrophysical Journal, 1978, 224, 1017.	1.6	13
178	Influence of magnetic field structure on the conduction cooling of flare loops. Solar Physics, 1976, 49, 359-367.	1.0	65
179	Periodicity in the Radiofrequency Spectrum of the Pulsar CP 0328. Astrophysical Journal, 1972, 171, L27.	1.6	0