List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11883026/publications.pdf

Version: 2024-02-01

272 papers	11,042 citations	24978 57 h-index	51492 86 g-index
274 all docs	274 docs citations	274 times ranked	2200 citing authors

#	Article	IF	Citations
1	Multi-passband Observations of a Solar Flare over the He i 10830 Ã… line. Astrophysical Journal Letters, 2022, 924, L18.	3.0	2
2	A High-resolution Study of Magnetic Field Evolution and Spicular Activity around the Boundary of a Coronal Hole. Astrophysical Journal, 2022, 924, 137.	1.6	4
3	Observations of Extremely Strong Magnetic Fields in Active Region NOAA 12673 Using GST Magnetic Field Measurement. Astrophysical Journal, 2022, 928, 41.	1.6	5
4	Multi-instrument Comparative Study of Temperature, Number Density, and Emission Measure during the Precursor Phase of a Solar Flare. Astrophysical Journal, 2022, 930, 154.	1.6	1
5	Predicting Solar Energetic Particles Using SDO/HMI Vector Magnetic Data Products and a Bidirectional LSTM Network. Astrophysical Journal, Supplement Series, 2022, 260, 16.	3.0	6
6	Migration of Solar Polar Crown Filaments in the Past 100 Years. Astrophysical Journal, 2021, 909, 86.	1.6	12
7	Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST). Solar Physics, 2021, 296, 1.	1.0	65
8	He i 10830 Ã… Dimming during Solar Flares. I. The Crucial Role of Nonthermal Collisional Ionizations. Astrophysical Journal, 2021, 912, 153.	1.6	21
9	An investigation of the causal relationship between sunspot groups and coronal mass ejections by determining source active regions. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1916-1926.	1.6	2
10	DeepSun: machine-learning-as-a-service for solar flare prediction. Research in Astronomy and Astrophysics, 2021, 21, 160.	0.7	10
11	Tracing HÎ± Fibrils through Bayesian Deep Learning. Astrophysical Journal, Supplement Series, 2021, 256, 20.	3.0	11
12	Understanding the Initiation of the M2.4 Flare on 2017 July 14. Astrophysical Journal, 2021, 922, 108.	1.6	3
13	Solar Filament Segmentation Based on Improved U-Nets. Solar Physics, 2021, 296, 1.	1.0	1
14	Coronal Magnetic Field Measurements along a Partially Erupting Filament in a Solar Flare. Astrophysical Journal, 2021, 923, 213.	1.6	9
15	Improving the Spatial Resolution of Solar Images Using Generative Adversarial Network and Self-attention Mechanism*. Astrophysical Journal, 2021, 923, 76.	1.6	7
16	A New Comprehensive Data Set of Solar Filaments of 100 yr Interval. I.. Astrophysical Journal, Supplement Series, 2020, 249, 11.	3.0	7
17	Heating and Eruption of a Solar Circular-ribbon Flare. Astrophysical Journal, 2020, 893, 158.	1.6	8
18	Comparison of Enhanced Absorption in He i 10830 Ã…Âin Observations and Modeling during the Early Phase of a Solar Flare. Astrophysical Journal Letters, 2020, 897, L6.	3.0	7

#	Article	IF	Citations
19	Predicting Coronal Mass Ejections Using SDO/HMI Vector Magnetic Data Products and Recurrent Neural Networks. Astrophysical Journal, 2020, 890, 12.	1.6	20
20	Inferring Vector Magnetic Fields from Stokes Profiles of GST/NIRIS Using a Convolutional Neural Network. Astrophysical Journal, 2020, 894, 70.	1.6	19
21	An Eruptive Circular-ribbon Flare with Extended Remote Brightenings. Astrophysical Journal, 2020, 899, 34.	1.6	18
22	High-resolution Observations of Small-scale Flux Emergence by GST. Astrophysical Journal, 2020, 900, 84.	1.6	6
23	Identifying and Tracking Solar Magnetic Flux Elements with Deep Learning. Astrophysical Journal, Supplement Series, 2020, 250, 5.	3.0	7
24	High-resolution Observations of Dynamics of Superpenumbral HÎ± Fibrils. Astrophysical Journal, 2019, 880, 143.	1.6	6
25	Spectral Diagnosis of Mg ii and HÎ± Lines during the Initial Stage of an M6.5 Solar Flare. Astrophysical Journal Letters, 2019, 878, L15.	3.0	15
26	The Eruption of Outer Spine-like Loops Leading to a Double-stage Circular-ribbon Flare. Astrophysical Journal, 2019, 883, 47.	1.6	10
27	Intelligent Recognition of Time Stamp Characters in Solar Scanned Images from Film. Advances in Astronomy, 2019, 2019, 1-9.	0.5	2
28	Predicting Solar Flares Using a Long Short-term Memory Network. Astrophysical Journal, 2019, 877, 121.	1.6	88
29	Flare-productive active regions. Living Reviews in Solar Physics, 2019, 16, 3.	7.8	162
30	High-resolution Observation of Moving Magnetic Features. Astrophysical Journal, 2019, 876, 129.	1.6	6
31	Signatures of Magnetic Flux Ropes in the Low Solar Atmosphere Observed in High Resolution. Frontiers in Astronomy and Space Sciences, 2019, 6, .	1.1	10
32	Statistical Study of Magnetic Topology for Eruptive and Confined Solar Flares. Journal of Geophysical Research: Space Physics, 2018, 123, 1704-1714.	0.8	10
33	Pre-eruptive Magnetic Reconnection within a Multi-flux-rope System in the Solar Corona. Astrophysical Journal, 2018, 857, 124.	1.6	40
34	Evolution of Photospheric Flow and Magnetic Fields Associated with the 2015 June 22 M6.5 Flare. Astrophysical Journal, 2018, 853, 143.	1.6	15
35	Transient rotation of photospheric vector magnetic fields associated with a solar flare. Nature Communications, 2018, 9, 46.	5.8	14
36	Extending Counter-streaming Motion from an Active Region Filament to a Sunspot Light Bridge. Astrophysical Journal Letters, 2018, 852, L18.	3.0	18

#	Article	IF	Citations
37	Three-dimensional Forward-fit Modeling of the Hard X-Ray and Microwave Emissions of the 2015 June 22 M6.5 Flare. Astrophysical Journal, 2018, 852, 32.	1.6	27
38	Evolution of Photospheric Vector Magnetic Field Associated with Moving Flare Ribbons as Seen by GST. Astrophysical Journal, 2018, 869, 21.	1.6	16
39	Statistical Analysis of Torus and Kink Instabilities in Solar Eruptions. Astrophysical Journal, 2018, 864, 138.	1.6	44
40	Dark Structures in Sunspot Light Bridges. Astrophysical Journal, 2018, 865, 29.	1.6	11
41	Spatial Organization of Seven Extreme Solar Energetic Particle Events. Astrophysical Journal Letters, 2018, 862, L20.	3.0	10
42	Collective Study of Polar Crown Filaments in the Past Four Solar Cycles. Astrophysical Journal Letters, 2018, 862, L23.	3.0	12
43	Relationship between Intensity of White-light Flares and Proton Flux of Solar Energetic Particles. Research Notes of the AAS, 2018, 2, 7.	0.3	4
44	Strong Transverse Photosphere Magnetic Fields and Twist in Light Bridge Dividing Delta Sunspot of Active Region 12673. Research Notes of the AAS, 2018, 2, 8.	0.3	41
45	High-resolution Observations of Downflows at One End of a Pre-eruption Filament. Astrophysical Journal, 2017, 841, 112.	1.6	4
46	High-resolution observations of flare precursors in the low solar atmosphere. Nature Astronomy, 2017, 1, .	4.2	74
47	Multiwavelength observations of a flux rope formation by series of magnetic reconnection in the chromosphere. Astronomy and Astrophysics, 2017, 603, A36.	2.1	13
48	Flux rope, hyperbolic flux tube, and late extreme ultraviolet phases in a non-eruptive circular-ribbon flare. Astronomy and Astrophysics, 2017, 604, A76.	2.1	39
49	Predicting Solar Flares Using SDO/HMI Vector Magnetic Data Products and the Random Forest Algorithm. Astrophysical Journal, 2017, 843, 104.	1.6	91
50	Witnessing a Large-scale Slipping Magnetic Reconnection along a Dimming Channel during a Solar Flare. Astrophysical Journal Letters, 2017, 842, L18.	3.0	28
51	Irreversible rapid changes of magnetic field associated with the 2012 October 23 circular near-limb X1.8 Flare. Research in Astronomy and Astrophysics, 2016, 16, 010.	0.7	5
52	MULTI-WAVELENGTH STUDY OF TRANSITION REGION PENUMBRAL SUBARCSECOND BRIGHT DOTS USING IRIS AND NST. Astrophysical Journal, 2016, 829, 103.	1.6	13
53	The Energetics of White-light Flares Observed bySDO/HMI andRHESSI. Research in Astronomy and Astrophysics, 2016, 16, 177.	0.7	10
54	Flare differentially rotates sunspot on Sunâ€™s surface. Nature Communications, 2016, 7, 13104.	5.8	42

#	Article	IF	Citations
55	Unprecedented Fine Structure of a Solar Flare Revealed by the 1.6â€‰m New Solar Telescope. Scientific Reports, 2016, 6, 24319.	1.6	73
56	ULTRA-NARROW NEGATIVE FLARE FRONT OBSERVED IN HELIUM-10830 Ã... USING THE 1.6 m NEW SOLAR TELESCOPE. Astrophysical Journal, 2016, 819, 89.	1.6	35
57	STRUCTURE, STABILITY, AND EVOLUTION OF MAGNETIC FLUX ROPES FROM THE PERSPECTIVE OF MAGNETIC TWIST. Astrophysical Journal, 2016, 818, 148.	1.6	218
58	Comparison between the eruptive X2.2 flare on 2011 February 15 and confined X3.1 flare on 2014 October 24. Research in Astronomy and Astrophysics, 2015, 15, 1537-1546.	0.7	15
59	A CIRCULAR-RIBBON SOLAR FLARE FOLLOWING AN ASYMMETRIC FILAMENT ERUPTION. Astrophysical Journal Letters, 2015, 812, L19.	3.0	48
60	THE ROLE OF ERUPTING SIGMOID IN TRIGGERING A FLARE WITH PARALLEL AND LARGE-SCALE QUASI-CIRCULAR RIBBONS. Astrophysical Journal, 2015, 812, 50.	1.6	57
61	GRADUAL MAGNETIC EVOLUTION OF SUNSPOT STRUCTURE AND FILAMENTâ€“CORONA DYNAMICS ASSOCIATED WITH THE X1.8 FLARE IN AR11283. Astrophysical Journal, 2015, 812, 120.	1.6	11
62	Witnessing magnetic twist with high-resolution observation from the 1.6-m New Solar Telescope. Nature Communications, 2015, 6, 7008.	5.8	63
63	Structure and evolution of magnetic fields associated with solar eruptions. Research in Astronomy and Astrophysics, 2015, 15, 145-174.	0.7	25
64	CHROMOSPHERIC RAPID BLUESHIFTED EXCURSIONS OBSERVED WITH IBIS AND THEIR ASSOCIATION WITH PHOTOSPHERIC MAGNETIC FIELD EVOLUTION. Astrophysical Journal, 2015, 799, 219.	1.6	10
65	OBSERVATION OF THE 2011-02-15 X2.2 FLARE IN THE HARD X-RAY AND MICROWAVE. Astrophysical Journal, 2015, 807, 124.	1.6	3
66	Development of technique to detect and classify small-scale magnetic flux cancellation and rapid blue-shifted excursions. Research in Astronomy and Astrophysics, 2015, 15, 1012-1026.	0.7	0
67	FORMATION AND ERUPTION OF A SMALL FLUX ROPE IN THE CHROMOSPHERE OBSERVED BY NST,IRIS, ANDSDO. Astrophysical Journal, 2015, 809, 83.	1.6	23
68	SLOW RISE AND PARTIAL ERUPTION OF A DOUBLE-DECKER FILAMENT. II. A DOUBLE FLUX ROPE MODEL. Astrophysical Journal, 2014, 792, 107.	1.6	70
69	THREE-DIMENSIONAL MAGNETIC RESTRUCTURING IN TWO HOMOLOGOUS SOLAR FLARES IN THE SEISMICALLY ACTIVE NOAA AR 11283. Astrophysical Journal, 2014, 795, 128.	1.6	38
70	SUDDEN PHOTOSPHERIC MOTION AND SUNSPOT ROTATION ASSOCIATED WITH THE X2.2 FLARE ON 2011 FEBRUARY 15. Astrophysical Journal Letters, 2014, 782, L31.	3.0	41
71	COMPARISON OF EMISSION PROPERTIES OF TWO HOMOLOGOUS FLARES IN AR 11283. Astrophysical Journal, 2014, 787, 7.	1.6	21
72	STUDY OF TWO SUCCESSIVE THREE-RIBBON SOLAR FLARES ON 2012 JULY 6. Astrophysical Journal Letters, 2014, 781, L23.	3.0	44

#	Article	IF	Citations
73	EVOLUTION OF A MAGNETIC FLUX ROPE AND ITS OVERLYING ARCADE BASED ON NONLINEAR FORCE-FREE FIELD EXTRAPOLATIONS. Astrophysical Journal Letters, 2014, 784, L13.	3.0	8
74	AN UNORTHODOX X-CLASS LONG-DURATION CONFINED FLARE. Astrophysical Journal, 2014, 790, 8.	1.6	49
75	INTERACTION AND MERGING OF TWO SINISTRAL FILAMENTS. Astrophysical Journal, 2014, 793, 14.	1.6	21
76	A SOLAR ERUPTION DRIVEN BY RAPID SUNSPOT ROTATION. Astrophysical Journal, 2014, 784, 165.	1.6	39
77	EVIDENCE FOR SOLAR TETHER-CUTTING MAGNETIC RECONNECTION FROM CORONAL FIELD EXTRAPOLATIONS. Astrophysical Journal Letters, 2013, 778, L36.	3.0	48
78	HIGH-CADENCE AND HIGH-RESOLUTION HÎ± IMAGING SPECTROSCOPY OF A CIRCULAR FLARE'S REMOTE RIBBON WITH IBIS. Astrophysical Journal, 2013, 769, 112.	1.6	31
79	STUDY OF RAPID FORMATION OF A Î´ SUNSPOT ASSOCIATED WITH THE 2012 JULY 2 C7.4 FLARE USING HIGH-RESOLUTION OBSERVATIONS OF THE NEW SOLAR TELESCOPE. Astrophysical Journal Letters, 2013, 774, L24.	3.0	20
80	OBSERVATION OF A MORETON WAVE AND WAVE-FILAMENT INTERACTIONS ASSOCIATED WITH THE RENOWNED X9 FLARE ON 1990 MAY 24. Astrophysical Journal, 2013, 773, 166.	1.6	42
81	He I D3 OBSERVATIONS OF THE 1984 MAY 22 M6.3 SOLAR FLARE. Astrophysical Journal, 2013, 774, 60.	1.6	15
82	SLOW RISE AND PARTIAL ERUPTION OF A DOUBLE-DECKER FILAMENT. I. OBSERVATIONS AND INTERPRETATION. Astrophysical Journal, 2012, 756, 59.	1.6	116
83	CONTRACTING AND ERUPTING COMPONENTS OF SIGMOIDAL ACTIVE REGIONS. Astrophysical Journal, 2012, 757, 150.	1.6	25
84	RESPONSE OF THE PHOTOSPHERIC MAGNETIC FIELD TO THE X2.2 FLARE ON 2011 FEBRUARY 15. Astrophysical Journal Letters, 2012, 745, L17.	3.0	140
85	RAPID CHANGES OF PHOTOSPHERIC MAGNETIC FIELD AFTER TETHER-CUTTING RECONNECTION AND MAGNETIC IMPLOSION. Astrophysical Journal Letters, 2012, 745, L4.	3.0	81
86	CHARACTERISTIC SIZE OF FLARE KERNELS IN THE VISIBLE AND NEAR-INFRARED CONTINUA. Astrophysical Journal Letters, 2012, 750, L7.	3.0	20
87	CIRCULAR RIBBON FLARES AND HOMOLOGOUS JETS. Astrophysical Journal, 2012, 760, 101.	1.6	139
88	THE RELATIONSHIP BETWEEN THE SUDDEN CHANGE OF THE LORENTZ FORCE AND THE MAGNITUDE OF ASSOCIATED FLARES. Astrophysical Journal Letters, 2012, 757, L5.	3.0	48
89	ON THE RELATIONSHIP BETWEEN THE CORONAL MAGNETIC DECAY INDEX AND CORONAL MASS EJECTION SPEED. Astrophysical Journal, 2012, 761, 52.	1.6	26
90	RAPID TRANSITION OF UNCOMBED PENUMBRAE TO FACULAE DURING LARGE FLARES. Astrophysical Journal, 2012, 748, 76.	1.6	23

#	Article	IF	Citations
91	THE OCCURRENCE AND SPEED OF CMEs RELATED TO TWO CHARACTERISTIC EVOLUTION PATTERNS OF HELICITY INJECTION IN THEIR SOLAR SOURCE REGIONS. Astrophysical Journal, 2012, 750, 48.	1.6	30
92	EVOLUTION OF RELATIVE MAGNETIC HELICITY AND CURRENT HELICITY IN NOAA ACTIVE REGION 11158. Astrophysical Journal Letters, 2012, 752, L9.	3.0	62
93	A STANDARD-TO-BLOWOUT JET. Astrophysical Journal Letters, 2011, 735, L18.	3.0	60
94	NONPOTENTIALITY OF CHROMOSPHERIC FIBRILS IN NOAA ACTIVE REGIONS 11092 AND 9661. Astrophysical Journal, 2011, 739, 67.	1.6	19
95	COMPARISON BETWEEN OBSERVATION AND SIMULATION OF MAGNETIC FIELD CHANGES ASSOCIATED WITH FLARES. Astrophysical Journal Letters, 2011, 727, L19.	3.0	22
96	RAPID ENHANCEMENT OF SHEARED EVERSHED FLOW ALONG THE NEUTRAL LINE ASSOCIATED WITH AN X6.5 FLARE OBSERVED BY HINODE. Astrophysical Journal Letters, 2011, 733, L14.	3.0	10
97	A Revisit of the Masuda Flare. Solar Physics, 2011, 269, 67-82.	1.0	5
98	Evidence of two-stage magnetic reconnection in the 2005 January 15 X2.6 flare. New Astronomy, 2011, 16, 470-476.	0.8	0
99	Study of the change of surface magnetic field associated with flares. Proceedings of the International Astronomical Union, 2010, 6, 417-421.	0.0	0
100	Rapid changes of sunspot structure associated with solar eruptions. Proceedings of the International Astronomical Union, 2010, 6, 15-20.	0.0	0
101	What determines the penumbral size and Evershed flow speed?. Proceedings of the International Astronomical Union, 2010, 6, 216-220.	0.0	1
102	Study of sunspot motion and flow fields associated with solar flares. Proceedings of the International Astronomical Union, 2010, 6, 412-416.	0.0	0
103	Solar flare forecasting using sunspot-groups classification and photospheric magnetic parameters. Proceedings of the International Astronomical Union, 2010, 6, 446-450.	0.0	4
104	PRODUCTIVITY OF SOLAR FLARES AND MAGNETIC HELICITY INJECTION IN ACTIVE REGIONS. Astrophysical Journal, 2010, 718, 43-51.	1.6	54
105	TIME EVOLUTION OF CORONAL MAGNETIC HELICITY IN THE FLARING ACTIVE REGION NOAA 10930. Astrophysical Journal, 2010, 720, 1102-1107.	1.6	37
106	THE FORMATION OF A MAGNETIC CHANNEL BY THE EMERGENCE OF CURRENT-CARRYING MAGNETIC FIELDS. Astrophysical Journal, 2010, 719, 403-414.	1.6	13
107	OBSERVATIONAL EVIDENCE OF BACK REACTION ON THE SOLAR SURFACE ASSOCIATED WITH CORONAL MAGNETIC RESTRUCTURING IN SOLAR ERUPTIONS. Astrophysical Journal Letters, 2010, 716, L195-L199.	3.0	113
108	DUAL-STAGE RECONNECTION DURING SOLAR FLARES OBSERVED IN HARD X-RAY. Astrophysical Journal Letters, 2010, 709, L142-L145.	3.0	8

#	Article	IF	Citations
109	GRADUAL INFLATION OF ACTIVE-REGION CORONAL ARCADES BUILDING UP TO CORONAL MASS EJECTIONS. Astrophysical Journal, 2010, 723, 229-240.	1.6	18
110	NONLINEAR FORCE-FREE MODELING OF MAGNETIC FIELDS IN A SOLAR FILAMENT. Astrophysical Journal Letters, 2010, 719, L56-L59.	3.0	29
111	MOTIONS OF HARD X-RAY SOURCES DURING AN ASYMMETRIC ERUPTION. Astrophysical Journal Letters, 2010, 721, L193-L198.	3.0	42
112	Measurements of Filament Height in HÎ± and EUV 304ÂÃ.... Solar Physics, 2010, 264, 81-91.	1.0	11
113	SIGMOID-TO-FLUX-ROPE TRANSITION LEADING TO A LOOP-LIKE CORONAL MASS EJECTION. Astrophysical Journal Letters, 2010, 725, L84-L90.	3.0	121
114	FREE MAGNETIC ENERGY AND FLARE PRODUCTIVITY OF ACTIVE REGIONS. Astrophysical Journal, 2010, 713, 440-449.	1.6	65
115	FAST CONTRACTION OF CORONAL LOOPS AT THE FLARE PEAK. Astrophysical Journal Letters, 2010, 714, L41-L46.	3.0	34
116	Effect of terrestrial stray light on observed solar magnetic signal. , 2010, , .		0
117	TEMPORAL EVOLUTION OF FREE MAGNETIC ENERGY ASSOCIATED WITH FOUR X-CLASS FLARES. Astrophysical Journal, 2009, 696, 84-90.	1.6	38
118	IMPLOSION IN A CORONAL ERUPTION. Astrophysical Journal, 2009, 696, 121-135.	1.6	52
119	RECONNECTION ELECTRIC FIELD AND HARDNESS OF X-RAY EMISSION OF SOLAR FLARES. Astrophysical Journal, 2009, 696, L27-L31.	1.6	19
120	Statistical Assessment of Photospheric Magnetic Features in Imminent Solar Flare Predictions. Solar Physics, 2009, 254, 101-125.	1.0	93
121	The change of magnetic inclination angles associated with the X3.4 flare on December 13, 2006. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1702-1706.	0.2	23
122	The correlation between expansion speed and magnetic field in solar flare ribbons. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1754-1759.	0.2	3
123	CORONAL IMPLOSION AND PARTICLE ACCELERATION IN THE WAKE OF A FILAMENT ERUPTION. Astrophysical Journal, 2009, 703, L23-L28.	1.6	29
124	SUCCESSIVE SOLAR FLARES AND CORONAL MASS EJECTIONS ON 2005 SEPTEMBER 13 FROM NOAA AR 10808. Astrophysical Journal, 2009, 703, 757-768.	1.6	47
125	EVOLUTION OF OPTICAL PENUMBRAL AND SHEAR FLOWS ASSOCIATED WITH THE X3.4 FLARE OF 2006 DECEMBER 13. Astrophysical Journal, 2009, 690, 1820-1828.	1.6	28
126	Automatic Detection of Magnetic Flux Emergings in the Solar Atmosphere From Full-Disk Magnetogram Sequences. IEEE Transactions on Image Processing, 2008, 17, 2174-2185.	6.0	2

#	Article	IF	Citations
127	Intermittency in the Photosphere and Corona above an Active Region. Astrophysical Journal, 2008, 681, 1669-1676.	1.6	26
128	The Spatial Distribution of the Hard X-Ray Spectral Index and the Local Magnetic Reconnection Rate. Astrophysical Journal, 2008, 672, L69-L72.	1.6	14
129	The Variation of Relative Magnetic Helicity around Major Flares. Astrophysical Journal, 2008, 686, 1397-1403.	1.6	49
130	Early Abnormal Temperature Structure of X-Ray Loop-Top Source of Solar Flares. Astrophysical Journal, 2008, 686, L37-L40.	1.6	26
131	Changes of Magnetic Structure in Three Dimensions Associated with the X3.4 Flare of 2006 December 13. Astrophysical Journal, 2008, 676, L81-L84.	1.6	58
132	Spatial Distribution of Magnetic Reconnection in the 2006 December 13 Solar Flare as Observed by Hinode. Astrophysical Journal, 2008, 672, L73-L76.	1.6	31
133	Study of Magnetic Channel Structure in Active Region 10930. Astrophysical Journal, 2008, 687, 658-667.	1.6	40
134	A Hard Xâ€Ray Sigmoidal Structure during the Initial Phase of the 2003 October 29 X10 Flare. Astrophysical Journal, 2008, 680, 734-739.	1.6	39
135	The Ribbon-like Hard X-Ray Emission in a Sigmoidal Solar Active Region. Astrophysical Journal, 2007, 658, L127-L130.	1.6	41
136	Statistical Correlations between Parameters of Photospheric Magnetic Fields and Coronal Soft Xâ€Ray Brightness. Astrophysical Journal, 2007, 665, 1460-1468.	1.6	12
137	Magnetic Evolution and Temperature Variation in a Coronal Hole. Astrophysical Journal, 2007, 655, L113-L116.	1.6	12
138	Hard X-Ray Intensity Distribution along HÎ± Ribbons. Astrophysical Journal, 2007, 664, L127-L130.	1.6	26
139	Flow Field Evolution of a Decaying Sunspot. Astrophysical Journal, 2007, 671, 1013-1021.	1.6	35
140	The Relaxation of Sheared Magnetic Fields: A Contracting Process. Astrophysical Journal, 2007, 660, 893-900.	1.6	82
141	The Eruption from a Sigmoidal Solar Active Region on 2005 May 13. Astrophysical Journal, 2007, 669, 1372-1381.	1.6	72
142	Successive Flaring during the 2005 September 13 Eruption. Astrophysical Journal, 2007, 671, 973-977.	1.6	22
143	Automatic Detection of Prominence Eruption Using Consecutive Solar Images. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 79-85.	5.6	4
144	Observation of Interactions and Eruptions of Two Filaments. Solar Physics, 2007, 242, 53-63.	1.0	27

#	Article	IF	Citations
145	Diffractionâ€limited Polarimetry from the Infrared Imaging Magnetograph at Big Bear Solar Observatory. Publications of the Astronomical Society of the Pacific, 2006, 118, 838-844.	1.0	13
146	Highâ€Resolution Observations of Multiwavelength Emissions during Two Xâ€Class Whiteâ€Light Flares. Astrophysical Journal, 2006, 641, 1210-1216.	1.6	74
147	Largeâ€Scale Activities Associated with the 2003 October 29 X10 Flare. Astrophysical Journal, 2006, 642, 1205-1215.	1.6	42
148	Converging Motion of HÎ± Conjugate Kernels: The Signature of Fast Relaxation of a Sheared Magnetic Field. Astrophysical Journal, 2006, 636, L173-L174.	1.6	94
149	Comparison of Magnetic Flux Distribution between a Coronal Hole and a Quiet Region. Astrophysical Journal, 2006, 649, 464-469.	1.6	36
150	The Statistical Relationship between the Photospheric Magnetic Parameters and the Flare Productivity of Active Regions. Astrophysical Journal, 2006, 644, 1273-1277.	1.6	70
151	Rapid Changes of Photospheric Magnetic Fields around Flaring Magnetic Neutral Lines. Astrophysical Journal, 2006, 649, 490-497.	1.6	92
152	On the Temporal and Spatial Properties of Elementary Bursts. Solar Physics, 2006, 236, 293-311.	1.0	4
153	Automatic Detection and Classification of Coronal Mass Ejections. Solar Physics, 2006, 237, 419-431.	1.0	33
154	Periodic Motion Along Solar Filaments. Solar Physics, 2006, 236, 97-109.	1.0	61
155	The Automatic Predictability of Super Geomagnetic Storms from halo CMEs associated with Large Solar Flares. Solar Physics, 2006, 238, 141-165.	1.0	20
156	First Light of the Near-Infrared Narrow-Band Tunable Birefringent Filter at Big Bear Solar Observatory. Solar Physics, 2006, 238, 207-217.	1.0	4
157	Multiwavelength Study of Flow Fields in Flaring Super Active Region NOAA 10486. Astrophysical Journal, 2006, 644, 1278-1291.	1.6	44
158	Reevaluation of the Magnetic Structure and Evolution Associated with the Bastille Day Flare on 2000 July 14. Astrophysical Journal, 2005, 627, 1031-1039.	1.6	49
159	Properties of Small Dark Features Observed in the Pure Near-Infrared and Visible Continua. Astrophysical Journal, 2005, 628, L167-L170.	1.6	4
160	Rapid Penumbral Decay Associated with an X2.3 Flare in NOAA Active Region 9026. Astrophysical Journal, 2005, 623, 1195-1201.	1.6	72
161	Magnetic Reconnection Rate and Fluxâ€Rope Acceleration of Twoâ€Ribbon Flares. Astrophysical Journal, 2005, 620, 1085-1091.	1.6	81
162	Rapid Change of Î´ Spot Structure Associated with Seven Major Flares. Astrophysical Journal, 2005, 622, 722-736.	1.6	136

#	Article	IF	Citations
163	High-Spatial-Resolution Imaging Combining High-Order Adaptive Optics, Frame Selection, and Speckle Masking Reconstruction. Solar Physics, 2005, 227, 217-230.	1.0	37
164	Automatic Solar Filament Detection Using Image Processing Techniques. Solar Physics, 2005, 228, 119-135.	1.0	45
165	Properties of Remote Flare Ribbons Associated with Coronal Mass Ejections. Astrophysical Journal, 2005, 618, 1012-1019.	1.6	19
166	Visible and Near-Infrared Contrast of Faculae in Active Region NOAA 8518. Research in Astronomy and Astrophysics, 2004, 4, 481-489.	1.1	2
167	Automatic Solar Flare Tracking Using Image-Processing Techniques. Solar Physics, 2004, 222, 137-149.	1.0	20
168	Magnetic Helicity Change Rate Associated with X-Class and M-Class Flares. Solar Physics, 2004, 225, 311-324.	1.0	10
169	Correlation between speeds of coronal mass ejections and the intensity of geomagnetic storms. Space Weather, 2004, 2, n/a-n/a.	1.3	35
170	On the Relation between Filament Eruptions, Flares, and Coronal Mass Ejections. Astrophysical Journal, 2004, 614, 1054-1062.	1.6	115
171	Traces of the Dynamic Current Sheet during a Solar Flare. Astrophysical Journal, 2004, 607, L55-L58.	1.6	45
172	Hard Xâ€Ray and Microwave Observations of Microflares. Astrophysical Journal, 2004, 612, 530-545.	1.6	44
173	Magnetic Reconnection and Mass Acceleration in Flareâ€“Coronal Mass Ejection Events. Astrophysical Journal, 2004, 604, 900-905.	1.6	178
174	Studies of Microflares inRHESSIHard Xâ€Ray, Big Bear Solar Observatory HÎ±, and Michelson Doppler Imager Magnetograms. Astrophysical Journal, 2004, 604, 442-448.	1.6	35
175	Evidence of Rapid Flux Emergence Associated with the M8.7 Flare on 2002 July 26. Astrophysical Journal, 2004, 605, 931-937.	1.6	63
176	Photospheric Shear Flows along the Magnetic Neutral Line of Active Region 10486 prior to an X10 Flare. Astrophysical Journal, 2004, 617, L151-L154.	1.6	51
177	Magnetic Field, HÎ±, andRHESSIObservations of the 2002 July 23 Gammaâ€Ray Flare. Astrophysical Journal, 2004, 605, 546-553.	1.6	42
178	Near-Infrared Observations at 1.56 Microns of the 2003 October 29 X10 White-Light Flare. Astrophysical Journal, 2004, 607, L131-L134.	1.6	70
179	Observations of Nonthermal and Thermal Hard Xâ€Ray Spikes in an Mâ€Class Flare. Astrophysical Journal, 2004, 605, 938-947.	1.6	18
180	Characteristic evaluation of a near-infrared Fabry-Perot filter for the InfraRed Imaging Magnetograph (IRIM). , 2004, , .		6

#	Article	IF	Citations
181	Automatic Solar Flare Tracking. Lecture Notes in Computer Science, 2004, , 419-425.	1.0	1
182	A New Method for Resolving the 180Â° Ambiguity in Solar Vector Magnetograms. Solar Physics, 2003, 217, 79-94.	1.0	22
183	Automatic Solar Flare Detection Using MLP, RBF, and SVM. Solar Physics, 2003, 217, 157-172.	1.0	57
184	Magnetic helicity change rate associated with three X-class eruptive flares. Advances in Space Research, 2003, 32, 1953-1958.	1.2	8
185	How directions and helicity of erupted solar magnetic fields define geoeffectiveness of coronal mass ejections. Advances in Space Research, 2003, 32, 1965-1970.	1.2	11
186	High-order adaptive optical system for Big Bear Solar Observatory. , 2003, , .		12
187	Observational Evidence of a Magnetic Flux Rope Eruption Associated with the X3 Flare on 2002 July 15. Astrophysical Journal, 2003, 593, L137-L140.	1.6	45
188	Observations of the Failed Eruption of a Filament. Astrophysical Journal, 2003, 595, L135-L138.	1.6	226
189	Study of Ribbon Separation of a Flare Associated with a Quiescent Filament Eruption. Astrophysical Journal, 2003, 593, 564-570.	1.6	117
190	IRIM: An Imaging Magnetograph for High-Resoultion Solar Observations in the Near-Infrared. , 2003, , .		10
191	Sympathetic Coronal Mass Ejections. Astrophysical Journal, 2003, 588, 1176-1182.	1.6	43
192	H Dimmings Associated with the X1.6 Flare and Halo Coronal Mass Ejection on 2001 October 19. Astrophysical Journal, 2003, 597, L161-L164.	1.6	24
193	Periodic Motion along a Solar Filament Initiated by a Subflare. Astrophysical Journal, 2003, 584, L103-L106.	1.6	114
194	MAGNETIC HELICITY PUMPING BY TWISTED FLUX TUBE EXPANSION. Journal of the Korean Astronomical Society, 2003, 36, 33-41.	1.5	14
195	RELATIONSHIP BETWEEN CME KINEMATICS AND FLARE STRENGTH. Journal of the Korean Astronomical Society, 2003, 36, 61-66.	1.5	39
196	1.6 M SOLAR TELESCOPE IN BIG BEAR - THE NST. Journal of the Korean Astronomical Society, 2003, 36, 125-133.	1.5	36
197	The Sun from Big Bear. Astrophysics and Space Science Library, 2003, , 437-454.	1.0	0
198	A Statistical Study of Two Classes of Coronal Mass Ejections. Astrophysical Journal, 2002, 581, 694-702.	1.6	182

#	Article	IF	Citations
199	Temperatures of Extreme-Ultraviolet-emitting Plasma Structures Observed by the Transition Region and Coronal Explorer. Astrophysical Journal, 2002, 567, L159-L163.	1.6	38
200	Flare Activity and Magnetic Helicity Injection by Photospheric Horizontal Motions. Astrophysical Journal, 2002, 574, 1066-1073.	1.6	91
201	Core and Largeâ€Scale Structure of the 2000 November 24 Xâ€Class Flare and Coronal Mass Ejection. Astrophysical Journal, 2002, 569, 1026-1031.	1.6	26
202	Rapid Changes in the Longitudinal Magnetic Field Related to the 2001 April 2 X20 Flare. Astrophysical Journal, 2002, 572, 1072-1076.	1.6	69
203	Non-LTE Calculation of the N[CLC]i[/CLC] [CSC]i[/CSC] 676.8 Nanometer Line in a Flaring Atmosphere. Astrophysical Journal, 2002, 576, L83-L86.	1.6	42
204	Impulsive Variations of the Magnetic Helicity Change Rate Associated with Eruptive Flares. Astrophysical Journal, 2002, 580, 528-537.	1.6	73
205	Motion of Flare Footpoint Emission and Inferred Electric Field in Reconnecting Current Sheets. Astrophysical Journal, 2002, 565, 1335-1347.	1.6	171
206	Development of an Automatic Filament Disappearance Detection System. Solar Physics, 2002, 205, 93-103.	1.0	52
207	Flux Cancellation Rates and Converging Speeds of Canceling Magnetic Features. Solar Physics, 2002, 207, 73-85.	1.0	35
208	Active-Region Monitoring and Flare Forecasting â€“ I. Data Processing and First Results. Solar Physics, 2002, 209, 171-183.	1.0	158
209	Relationship between Flare Kernels in HÎ± Farâ€Blue Wing and Magnetic Fields. Astrophysical Journal, 2002, 568, 408-412.	1.6	24
210	Statistical Evidence for Sympathetic Flares. Astrophysical Journal, 2002, 574, 434-439.	1.6	73
211	Rapid Changes of Magnetic Fields Associated with Six Xâ€Class Flares. Astrophysical Journal, 2002, 576, 497-504.	1.6	121
212	Sudden Disappearance of a Small Sunspot Associated with the 2002 February 20 M2.4 Flare. Astrophysical Journal, 2002, 580, L177-L180.	1.6	26
213	Interâ€Active Region Connection of Sympathetic Flaring on 2000 February 17. Astrophysical Journal, 2001, 559, 1171-1179.	1.6	62
214	On the Correlation between the Orientation of Moving Magnetic Features and the Largeâ€Scale Twist of Sunspots. Astrophysical Journal, 2001, 550, 470-474.	1.6	29
215	Photospheric Plasma Flows Around a Solar Spot. Solar Physics, 2001, 203, 233-238.	1.0	9
216	Orientation of the Magnetic Fields in Interplanetary Flux Ropes and Solar Filaments. Astrophysical Journal, 2001, 563, 381-388.	1.6	121

#	Article	IF	Citations
217	Small Magnetic Bipoles Emerging in a Filament Channel. Astrophysical Journal, 2001, 548, 497-507.	1.6	39
218	A Rapid Change in Magnetic Connectivity Observed Before Filament Eruption and Its Associated Flare. Astrophysical Journal, 2001, 547, L85-L88.	1.6	38
219	On the Fast Fluctuations in Solar Flare HÎ± Blue Wing Emission. Astrophysical Journal, 2001, 552, 340-347.	1.6	30
220	Asymmetric Behavior of HÎ± Footpoint Emission during the Early Phase of an Impulsive Flare. Astrophysical Journal, 2001, 554, 445-450.	1.6	15
221	The Formation of a Prominence in Active Region NOAA 8668. I.SOHO/MDI Observations of Magnetic Field Evolution. Astrophysical Journal, 2001, 560, 476-489.	1.6	184
222	HÎ± Proxies for EIT Crinkles: Further Evidence for Preflare â€œBreakoutâ€â€Type Activity in an Ejective Solar Eruption. Astrophysical Journal, 2001, 561, 1116-1126.	1.6	46
223	Highâ€Cadence Observations of an Impulsive Flare. Astrophysical Journal, 2000, 542, 1080-1087.	1.6	63
224	Title is missing!. Solar Physics, 2000, 195, 333-346.	1.0	56
225	Extreme-Ultraviolet Flare Loop Emissions in an Eruptive Event. Solar Physics, 2000, 194, 269-283.	1.0	4
226	Ultraviolet and HÎ± Emission in Ellerman Bombs. Astrophysical Journal, 2000, 544, L157-L161.	1.6	61
227	Minifilament Eruption on the Quiet Sun. I. Observations at HÎ± Central Line. Astrophysical Journal, 2000, 530, 1071-1084.	1.6	79
228	Active Region Loops Observed with SUMER on Board theSOHO. Astrophysical Journal, 2000, 533, 535-545.	1.6	44
229	Comparison of the 1998 April 29 M6.8 and 1998 November 5 M8.4 Flares. Astrophysical Journal, 2000, 536, 971-981.	1.6	36
230	Comparison of Transient Network Brightenings and Explosive Events in the Solar Transition Region. Astrophysical Journal, 2000, 528, L119-L122.	1.6	50
231	Dynamical Characteristics of Smallâ€Scale HÎ± Upflow Events on the Quiet Sun. Astrophysical Journal, 2000, 545, 1124-1134.	1.6	21
232	Correlation of Microwave and Hard Xâ€Ray Spectral Parameters. Astrophysical Journal, 2000, 545, 1116-1123.	1.6	82
233	Extreme-Ultraviolet Jets and HÎ± Surges in Solar Microflares. Astrophysical Journal, 1999, 513, L75-L78.	1.6	175
234	The Polarity Distribution of Intranetwork and Network Fields. Solar Physics, 1999, 188, 47-58.	1.0	4

#	Article	IF	Citations
235	Counter-streaming Mass Flow and Transient Brightening in Active Region Loops. Solar Physics, 1999, 190, 153-165.	1.0	15
236	Studies of Microflares and C5.2 flare of 27 September 1998. Solar Physics, 1999, 188, 365-376.	1.0	12
237	Study of HÎ± Jets on the Quiet Sun. Solar Physics, 1998, 178, 55-69.	1.0	17
238	Comparison of Prominences in HÎ± and Heâ€‰ II 304 Ã…. Solar Physics, 1998, 183, 91-96.	1.0	31
239	Lifetime of Intranetwork Magnetic Elements. Solar Physics, 1998, 178, 245-250.	1.0	34
240	Photospheric Magnetic Field Changes Associated with Transition Region Explosive Events. Astrophysical Journal, 1998, 497, L109-L112.	1.6	97
241	Comparison of HÎ± and HeiiÎ»304 Macrospicules. Astrophysical Journal, 1998, 509, 461-470.	1.6	25
242	Chromospheric Upflow Events Associated with Transition Region Explosive Events. Astrophysical Journal, 1998, 504, L123-L126.	1.6	53
243	Contrast of Faculae at 1.6 Microns. Astrophysical Journal, 1998, 495, 957-964.	1.6	22
244	High Spatial Resolution Observations of a Small Î´ Spot. Astrophysical Journal, 1998, 502, 493-497.	1.6	14
245	Imaging the Chromospheric Evaporation of the 1994 June 30 Solar Flare. Astrophysical Journal, 1997, 481, 978-987.	1.6	26
246	ANALYSES OF VECTOR MAGNETOGRAMS IN FLARE-PRODUCTIVE ACTIVE REGIONS. Solar Physics, 1997, 174, 163-173.	1.0	30
247	Flux distribution of solar intranetwork magnetic fields. Solar Physics, 1995, 160, 277-288.	1.0	111
248	High-Resolution Observation of Disk Spicules. I. Evolution and Kinematics of Spicules in the Enhanced Network. Astrophysical Journal, 1995, 450, 411.	1.6	100
249	Observations of vector magnetic fields in flaring active regions. Solar Physics, 1994, 154, 261-273.	1.0	47
250	The roots of coronal structure in the Sun's surface. Solar Physics, 1994, 153, 179-198.	1.0	14
251	Vector magnetic field changes associated with X-class flares. Astrophysical Journal, 1994, 424, 436.	1.6	206
252	Strong transverse fields in ?-spots. Solar Physics, 1993, 144, 37-43.	1.0	30

#	Article	IF	Citations
253	Flows, Evolution of Magnetic Fields, and Flares. International Astronomical Union Colloquium, 1993, 141, 323-332.	0.1	3
254	Flux emergence and umbra formation after the X-9 flare of 1991 March 22. Astrophysical Journal, 1993, 407, L89.	1.6	27
255	Evolution of magnetic fields and mass flow in a decaying active region. Solar Physics, 1992, 140, 307-316.	1.0	19
256	Flows around sunspots and pores. Solar Physics, 1992, 140, 41-54.	1.0	56
257	Evolution of vector magnetic fields and the August 27 1990 X-3 flare. Solar Physics, 1992, 140, 85-98.	1.0	100
258	Joint vector magnetograph observations at BBSO, Huairou Station and Mees Solar Observatory. Solar Physics, 1992, 142, 11-20.	1.0	47
259	Detection of 'invisible sunspots'. Astrophysical Journal, 1992, 385, L27.	1.6	19
260	Magnetic flux transport of decaying active regions and enhanced magnetic network. Solar Physics, 1991, 131, 53-68.	1.0	27
261	Polar fields during the rising phase of cycle 22. Solar Physics, 1991, 132, 247-256.	1.0	12
262	Motions, fields, and flares in the 1989 March active region. Astrophysical Journal, 1991, 380, 282.	1.6	45
263	Flows, flares, and formation of umbrae and light bridges in BBSO region No. 1167. Solar Physics, 1990, 125, 45-60.	1.0	22
264	Microwave structure of the quiet sun at 8.5 GHz. Astrophysical Journal, 1990, 355, 321.	1.6	33
265	Video image selection studies of granules, pores, and penumbral flows near a large sunspot. Solar Physics, 1989, 119, 245-255.	1.0	14
266	Study of supergranules. Solar Physics, 1989, 120, 1-17.	1.0	27
267	Do mesogranules exist?. Solar Physics, 1989, 123, 21-32.	1.0	15
268	The association of flares to cancelling magnetic features on the sun. Solar Physics, 1989, 121, 197.	1.0	54
269	Seventy-five hours of coordinated videomagnetograph observations. Astrophysical Journal, 1989, 343, 489.	1.6	25
270	On the relationship between magnetic fields and supergranule velocity fields. Solar Physics, 1988, 117, 343-358.	1.0	39

#	Article	IF	Citations
271	Structure of magnetic fields on the quiet sun. Solar Physics, 1988, 116, 1.	1.0	42
272	The separation velocity of emerging magnetic flux. Solar Physics, 1987, 110, 81-99.	1.0	33