

Haiming Min Wang

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278
papers

9,498
citations

53
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79
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283
ext. papers

10,271
ext. citations

4.7
avg, IF

6.17
L-index

#	Paper	IF	Citations
278	Observations of the Failed Eruption of a Filament. <i>Astrophysical Journal</i> , 2003 , 595, L135-L138	4.7	198
277	Vector magnetic field changes associated with X-class flares. <i>Astrophysical Journal</i> , 1994 , 424, 436	4.7	187
276	The Formation of a Prominence in Active Region NOAA 8668. I.SOHO/MDI Observations of Magnetic Field Evolution. <i>Astrophysical Journal</i> , 2001 , 560, 476-489	4.7	166
275	A Statistical Study of Two Classes of Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2002 , 581, 694-702	4.7	164
274	Extreme-Ultraviolet Jets and H α Surges in Solar Microflares. <i>Astrophysical Journal</i> , 1999 , 513, L75-L78	4.7	161
273	Motion of Flare Footpoint Emission and Inferred Electric Field in Reconnecting Current Sheets. <i>Astrophysical Journal</i> , 2002 , 565, 1335-1347	4.7	154
272	STRUCTURE, STABILITY, AND EVOLUTION OF MAGNETIC FLUX ROPES FROM THE PERSPECTIVE OF MAGNETIC TWIST. <i>Astrophysical Journal</i> , 2016 , 818, 148	4.7	153
271	Magnetic Reconnection and Mass Acceleration in Flare-Coronal Mass Ejection Events. <i>Astrophysical Journal</i> , 2004 , 604, 900-905	4.7	152
270	Active-Region Monitoring and Flare Forecasting II. Data Processing and First Results. <i>Solar Physics</i> , 2002 , 209, 171-183	2.6	133
269	CIRCULAR RIBBON FLARES AND HOMOLOGOUS JETS. <i>Astrophysical Journal</i> , 2012 , 760, 101	4.7	127
268	RESPONSE OF THE PHOTOSPHERIC MAGNETIC FIELD TO THE X2.2 FLARE ON 2011 FEBRUARY 15. <i>Astrophysical Journal Letters</i> , 2012 , 745, L17	7.9	126
267	Rapid Change of Spot Structure Associated with Seven Major Flares. <i>Astrophysical Journal</i> , 2005 , 622, 722-736	4.7	126
266	SIGMOID-TO-FLUX-ROPE TRANSITION LEADING TO A LOOP-LIKE CORONAL MASS EJECTION. <i>Astrophysical Journal Letters</i> , 2010 , 725, L84-L90	7.9	114
265	Study of Ribbon Separation of a Flare Associated with a Quiescent Filament Eruption. <i>Astrophysical Journal</i> , 2003 , 593, 564-570	4.7	110
264	Rapid Changes of Magnetic Fields Associated with Six X-Class Flares. <i>Astrophysical Journal</i> , 2002 , 576, 497-504	4.7	109
263	Orientation of the Magnetic Fields in Interplanetary Flux Ropes and Solar Filaments. <i>Astrophysical Journal</i> , 2001 , 563, 381-388	4.7	108
262	OBSERVATIONAL EVIDENCE OF BACK REACTION ON THE SOLAR SURFACE ASSOCIATED WITH CORONAL MAGNETIC RESTRUCTURING IN SOLAR ERUPTIONS. <i>Astrophysical Journal Letters</i> , 2010 , 716, L195-L199	7.9	106

261	On the Relation between Filament Eruptions, Flares, and Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2004 , 614, 1054-1062	4.7	104
260	Periodic Motion along a Solar Filament Initiated by a Subflare. <i>Astrophysical Journal</i> , 2003 , 584, L103-L106	4.7	101
259	SLOW RISE AND PARTIAL ERUPTION OF A DOUBLE-DECKER FILAMENT. I. OBSERVATIONS AND INTERPRETATION. <i>Astrophysical Journal</i> , 2012 , 756, 59	4.7	96
258	Flux distribution of solar intranetwork magnetic fields. <i>Solar Physics</i> , 1995 , 160, 277-288	2.6	94
257	High-Resolution Observation of Disk Spicules. I. Evolution and Kinematics of Spicules in the Enhanced Network. <i>Astrophysical Journal</i> , 1995 , 450, 411	4.7	88
256	Photospheric Magnetic Field Changes Associated with Transition Region Explosive Events. <i>Astrophysical Journal</i> , 1998 , 497, L109-L112	4.7	87
255	Rapid Changes of Photospheric Magnetic Fields around Flaring Magnetic Neutral Lines. <i>Astrophysical Journal</i> , 2006 , 649, 490-497	4.7	86
254	Evolution of vector magnetic fields and the August 27 1990 X-3 flare. <i>Solar Physics</i> , 1992 , 140, 85-98	2.6	86
253	Converging Motion of H α Conjugate Kernels: The Signature of Fast Relaxation of a Sheared Magnetic Field. <i>Astrophysical Journal</i> , 2006 , 636, L173-L174	4.7	85
252	Flare-productive active regions. <i>Living Reviews in Solar Physics</i> , 2019 , 16, 3	24.8	83
251	Flare Activity and Magnetic Helicity Injection by Photospheric Horizontal Motions. <i>Astrophysical Journal</i> , 2002 , 574, 1066-1073	4.7	83
250	RAPID CHANGES OF PHOTOSPHERIC MAGNETIC FIELD AFTER TETHER-CUTTING RECONNECTION AND MAGNETIC IMPLOSION. <i>Astrophysical Journal Letters</i> , 2012 , 745, L4	7.9	78
249	The Relaxation of Sheared Magnetic Fields: A Contracting Process. <i>Astrophysical Journal</i> , 2007 , 660, 893-900	4.7	76
248	Correlation of Microwave and Hard X-Ray Spectral Parameters. <i>Astrophysical Journal</i> , 2000 , 545, 1116-1123	4.7	76
247	Rapid Penumbral Decay Associated with an X2.3 Flare in NOAA Active Region 9026. <i>Astrophysical Journal</i> , 2005 , 623, 1195-1201	4.7	71
246	The Eruption from a Sigmoidal Solar Active Region on 2005 May 13. <i>Astrophysical Journal</i> , 2007 , 669, 1372-1381	4.7	70
245	High-Resolution Observations of Multiwavelength Emissions during Two X-Class White-Light Flares. <i>Astrophysical Journal</i> , 2006 , 641, 1210-1216	4.7	70
244	Magnetic Reconnection Rate and Flux-Rope Acceleration of Two-Ribbon Flares. <i>Astrophysical Journal</i> , 2005 , 620, 1085-1091	4.7	70

243	Impulsive Variations of the Magnetic Helicity Change Rate Associated with Eruptive Flares. <i>Astrophysical Journal</i> , 2002 , 580, 528-537	4.7	69
242	Near-Infrared Observations at 1.56 Microns of the 2003 October 29 X10 White-Light Flare. <i>Astrophysical Journal</i> , 2004 , 607, L131-L134	4.7	67
241	Minifilament Eruption on the Quiet Sun. I. Observations at H α Central Line. <i>Astrophysical Journal</i> , 2000 , 530, 1071-1084	4.7	66
240	Statistical Evidence for Sympathetic Flares. <i>Astrophysical Journal</i> , 2002 , 574, 434-439	4.7	66
239	The Statistical Relationship between the Photospheric Magnetic Parameters and the Flare Productivity of Active Regions. <i>Astrophysical Journal</i> , 2006 , 644, 1273-1277	4.7	63
238	Rapid Changes in the Longitudinal Magnetic Field Related to the 2001 April 2 X20 Flare. <i>Astrophysical Journal</i> , 2002 , 572, 1072-1076	4.7	62
237	High-Cadence Observations of an Impulsive Flare. <i>Astrophysical Journal</i> , 2000 , 542, 1080-1087	4.7	61
236	Ultraviolet and H α Emission in Ellerman Bombs. <i>Astrophysical Journal</i> , 2000 , 544, L157-L161	4.7	61
235	Statistical Assessment of Photospheric Magnetic Features in Imminent Solar Flare Predictions. <i>Solar Physics</i> , 2009 , 254, 101-125	2.6	60
234	Evidence of Rapid Flux Emergence Associated with the M8.7 Flare on 2002 July 26. <i>Astrophysical Journal</i> , 2004 , 605, 931-937	4.7	60
233	Inter-Active Region Connection of Sympathetic Flaring on 2000 February 17. <i>Astrophysical Journal</i> , 2001 , 559, 1171-1179	4.7	59
232	EVOLUTION OF RELATIVE MAGNETIC HELICITY AND CURRENT HELICITY IN NOAA ACTIVE REGION 11158. <i>Astrophysical Journal Letters</i> , 2012 , 752, L9	7.9	58
231	FREE MAGNETIC ENERGY AND FLARE PRODUCTIVITY OF ACTIVE REGIONS. <i>Astrophysical Journal</i> , 2010 , 713, 440-449	4.7	58
230	Unprecedented Fine Structure of a Solar Flare Revealed by the 1.6 m New Solar Telescope. <i>Scientific Reports</i> , 2016 , 6, 24319	4.9	56
229	High-resolution observations of flare precursors in the low solar atmosphere. <i>Nature Astronomy</i> , 2017 , 1,	12.1	55
228	A STANDARD-TO-BLOWOUT JET. <i>Astrophysical Journal Letters</i> , 2011 , 735, L18	7.9	55
227	SLOW RISE AND PARTIAL ERUPTION OF A DOUBLE-DECKER FILAMENT. II. A DOUBLE FLUX ROPE MODEL. <i>Astrophysical Journal</i> , 2014 , 792, 107	4.7	54
226	Changes of Magnetic Structure in Three Dimensions Associated with the X3.4 Flare of 2006 December 13. <i>Astrophysical Journal</i> , 2008 , 676, L81-L84	4.7	54

225	Predicting Solar Flares Using SDO/HMI Vector Magnetic Data Products and the Random Forest Algorithm. <i>Astrophysical Journal</i> , 2017 , 843, 104	4.7	53
224	Periodic Motion Along Solar Filaments. <i>Solar Physics</i> , 2006 , 236, 97-109	2.6	53
223	THE ROLE OF ERUPTING SIGMOID IN TRIGGERING A FLARE WITH PARALLEL AND LARGE-SCALE QUASI-CIRCULAR RIBBONS. <i>Astrophysical Journal</i> , 2015 , 812, 50	4.7	52
222	High-Resolution H α Observations of Proper Motion in NOAA 8668: Evidence for Filament Mass Injection by Chromospheric Reconnection. <i>Solar Physics</i> , 2000 , 195, 333-346	2.6	51
221	Witnessing magnetic twist with high-resolution observation from the 1.6-m New Solar Telescope. <i>Nature Communications</i> , 2015 , 6, 7008	17.4	50
220	Automatic Solar Flare Detection Using MLP, RBF, and SVM. <i>Solar Physics</i> , 2003 , 217, 157-172	2.6	49
219	Photospheric Shear Flows along the Magnetic Neutral Line of Active Region 10486 prior to an X10 Flare. <i>Astrophysical Journal</i> , 2004 , 617, L151-L154	4.7	49
218	IMPLOSION IN A CORONAL ERUPTION. <i>Astrophysical Journal</i> , 2009 , 696, 121-135	4.7	48
217	Flows around sunspots and pores. <i>Solar Physics</i> , 1992 , 140, 41-54	2.6	48
216	SUCCESSIVE SOLAR FLARES AND CORONAL MASS EJECTIONS ON 2005 SEPTEMBER 13 FROM NOAA AR 10808. <i>Astrophysical Journal</i> , 2009 , 703, 757-768	4.7	47
215	Chromospheric Upflow Events Associated with Transition Region Explosive Events. <i>Astrophysical Journal</i> , 1998 , 504, L123-L126	4.7	46
214	Comparison of Transient Network Brightenings and Explosive Events in the Solar Transition Region. <i>Astrophysical Journal</i> , 2000 , 528, L119-L122	4.7	45
213	H α Proxies for EIT Crinkles: Further Evidence for Preflare Breakout-Type Activity in an Ejective Solar Eruption. <i>Astrophysical Journal</i> , 2001 , 561, 1116-1126	4.7	45
212	AN UNORTHODOX X-CLASS LONG-DURATION CONFINED FLARE. <i>Astrophysical Journal</i> , 2014 , 790, 8	4.7	44
211	Observational Evidence of a Magnetic Flux Rope Eruption Associated with the X3 Flare on 2002 July 15. <i>Astrophysical Journal</i> , 2003 , 593, L137-L140	4.7	44
210	Reevaluation of the Magnetic Structure and Evolution Associated with the Bastille Day Flare on 2000 July 14. <i>Astrophysical Journal</i> , 2005 , 627, 1031-1039	4.7	44
209	A CIRCULAR-RIBBON SOLAR FLARE FOLLOWING AN ASYMMETRIC FILAMENT ERUPTION. <i>Astrophysical Journal Letters</i> , 2015 , 812, L19	7.9	43
208	EVIDENCE FOR SOLAR TETHER-CUTTING MAGNETIC RECONNECTION FROM CORONAL FIELD EXTRAPOLATIONS. <i>Astrophysical Journal Letters</i> , 2013 , 778, L36	7.9	43

207	THE RELATIONSHIP BETWEEN THE SUDDEN CHANGE OF THE LORENTZ FORCE AND THE MAGNITUDE OF ASSOCIATED FLARES. <i>Astrophysical Journal Letters</i> , 2012 , 757, L5	7.9	43
206	PRODUCTIVITY OF SOLAR FLARES AND MAGNETIC HELICITY INJECTION IN ACTIVE REGIONS. <i>Astrophysical Journal</i> , 2010 , 718, 43-51	4.7	43
205	Development of an Automatic Filament Disappearance Detection System. <i>Solar Physics</i> , 2002 , 205, 93-108	4.7	43
204	STUDY OF TWO SUCCESSIVE THREE-RIBBON SOLAR FLARES ON 2012 JULY 6. <i>Astrophysical Journal Letters</i> , 2014 , 781, L23	7.9	42
203	The Variation of Relative Magnetic Helicity around Major Flares. <i>Astrophysical Journal</i> , 2008 , 686, 1397-1403	4.7	42
202	Sympathetic Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2003 , 588, 1176-1182	4.7	42
201	Non-LTE Calculation of the N[CLC]i[/CLC] [CSC]i[/CSC] 676.8 Nanometer Line in a Flaring Atmosphere. <i>Astrophysical Journal</i> , 2002 , 576, L83-L86	4.7	42
200	MOTIONS OF HARD X-RAY SOURCES DURING AN ASYMMETRIC ERUPTION. <i>Astrophysical Journal Letters</i> , 2010 , 721, L193-L198	7.9	41
199	Large-Scale Activities Associated with the 2003 October 29 X10 Flare. <i>Astrophysical Journal</i> , 2006 , 642, 1205-1215	4.7	41
198	Traces of the Dynamic Current Sheet during a Solar Flare. <i>Astrophysical Journal</i> , 2004 , 607, L55-L58	4.7	41
197	Observations of vector magnetic fields in flaring active regions. <i>Solar Physics</i> , 1994 , 154, 261-273	2.6	41
196	The association of flares to cancelling magnetic features on the sun. <i>Solar Physics</i> , 1989 , 121, 197	2.6	41
195	Multiwavelength Study of Flow Fields in Flaring Super Active Region NOAA 10486. <i>Astrophysical Journal</i> , 2006 , 644, 1278-1291	4.7	41
194	Magnetic Field, H α and RHESSI Observations of the 2002 July 23 Gamma-Ray Flare. <i>Astrophysical Journal</i> , 2004 , 605, 546-553	4.7	40
193	Hard X-Ray and Microwave Observations of Microflares. <i>Astrophysical Journal</i> , 2004 , 612, 530-545	4.7	39
192	Structure of magnetic fields on the quiet sun. <i>Solar Physics</i> , 1988 , 116, 1	2.6	39
191	The Ribbon-like Hard X-Ray Emission in a Sigmoidal Solar Active Region. <i>Astrophysical Journal</i> , 2007 , 658, L127-L130	4.7	38
190	Active Region Loops Observed with SUMER on Board the SOHO. <i>Astrophysical Journal</i> , 2000 , 533, 535-545	4.7	38

189	SUDDEN PHOTOSPHERIC MOTION AND SUNSPOT ROTATION ASSOCIATED WITH THE X2.2 FLARE ON 2011 FEBRUARY 15. <i>Astrophysical Journal Letters</i> , 2014 , 782, L31	7.9	37
188	Study of Magnetic Channel Structure in Active Region 10930. <i>Astrophysical Journal</i> , 2008 , 687, 658-667	4.7	37
187	A Hard X-Ray Sigmoidal Structure during the Initial Phase of the 2003 October 29 X10 Flare. <i>Astrophysical Journal</i> , 2008 , 680, 734-739	4.7	37
186	Automatic Solar Filament Detection Using Image Processing Techniques. <i>Solar Physics</i> , 2005 , 228, 119-135	4.7	37
185	Joint vector magnetograph observations at BBSO, Huairou Station and Mees Solar Observatory. <i>Solar Physics</i> , 1992 , 142, 11-20	2.6	37
184	Temperatures of Extreme-Ultraviolet-emitting Plasma Structures Observed by the Transition Region and Coronal Explorer. <i>Astrophysical Journal</i> , 2002 , 567, L159-L163	4.7	36
183	Motions, fields, and flares in the 1989 March active region. <i>Astrophysical Journal</i> , 1991 , 380, 282	4.7	36
182	Predicting Solar Flares Using a Long Short-term Memory Network. <i>Astrophysical Journal</i> , 2019 , 877, 121	4.7	35
181	OBSERVATION OF A MORETON WAVE AND WAVE-FILAMENT INTERACTIONS ASSOCIATED WITH THE RENOWNED X9 FLARE ON 1990 MAY 24. <i>Astrophysical Journal</i> , 2013 , 773, 166	4.7	35
180	TIME EVOLUTION OF CORONAL MAGNETIC HELICITY IN THE FLARING ACTIVE REGION NOAA 10930. <i>Astrophysical Journal</i> , 2010 , 720, 1102-1107	4.7	35
179	On the relationship between magnetic fields and supergranule velocity fields. <i>Solar Physics</i> , 1988 , 117, 343-358	2.6	35
178	Small Magnetic Bipoles Emerging in a Filament Channel. <i>Astrophysical Journal</i> , 2001 , 548, 497-507	4.7	35
177	A Rapid Change in Magnetic Connectivity Observed Before Filament Eruption and Its Associated Flare. <i>Astrophysical Journal</i> , 2001 , 547, L85-L88	4.7	35
176	THREE-DIMENSIONAL MAGNETIC RESTRUCTURING IN TWO HOMOLOGOUS SOLAR FLARES IN THE SEISMICALLY ACTIVE NOAA AR 11283. <i>Astrophysical Journal</i> , 2014 , 795, 128	4.7	34
175	RELATIONSHIP BETWEEN CME KINEMATICS AND FLARE STRENGTH. <i>Journal of the Korean Astronomical Society</i> , 2003 , 36, 61-66		34
174	Comparison of the 1998 April 29 M6.8 and 1998 November 5 M8.4 Flares. <i>Astrophysical Journal</i> , 2000 , 536, 971-981	4.7	34
173	Flare differentially rotates sunspot on Sun's surface. <i>Nature Communications</i> , 2016 , 7, 13104	17.4	33
172	A SOLAR ERUPTION DRIVEN BY RAPID SUNSPOT ROTATION. <i>Astrophysical Journal</i> , 2014 , 784, 165	4.7	33

171	FAST CONTRACTION OF CORONAL LOOPS AT THE FLARE PEAK. <i>Astrophysical Journal Letters</i> , 2010 , 714, L41-L46	7.9	33
170	TEMPORAL EVOLUTION OF FREE MAGNETIC ENERGY ASSOCIATED WITH FOUR X-CLASS FLARES. <i>Astrophysical Journal</i> , 2009 , 696, 84-90	4.7	33
169	Comparison of Magnetic Flux Distribution between a Coronal Hole and a Quiet Region. <i>Astrophysical Journal</i> , 2006 , 649, 464-469	4.7	32
168	Flux Cancellation Rates and Converging Speeds of Canceling Magnetic Features. <i>Solar Physics</i> , 2002 , 207, 73-85	2.6	32
167	Studies of Microflares in RHESSI Hard X-Ray, Big Bear Solar Observatory H α and Michelson Doppler Imager Magnetograms. <i>Astrophysical Journal</i> , 2004 , 604, 442-448	4.7	32
166	Flux rope, hyperbolic flux tube, and late extreme ultraviolet phases in a non-eruptive circular-ribbon flare. <i>Astronomy and Astrophysics</i> , 2017 , 604, A76	5.1	31
165	HIGH-CADENCE AND HIGH-RESOLUTION H α IMAGING SPECTROSCOPY OF A CIRCULAR FLARE'S REMOTE RIBBON WITH IBIS. <i>Astrophysical Journal</i> , 2013 , 769, 112	4.7	31
164	Correlation between speeds of coronal mass ejections and the intensity of geomagnetic storms. <i>Space Weather</i> , 2004 , 2, n/a-n/a	3.7	31
163	Lifetime of Intranetwork Magnetic Elements. <i>Solar Physics</i> , 1998 , 178, 245-250	2.6	30
162	Flow Field Evolution of a Decaying Sunspot. <i>Astrophysical Journal</i> , 2007 , 671, 1013-1021	4.7	30
161	High-Spatial-Resolution Imaging Combining High-Order Adaptive Optics, Frame Selection, and Speckle Masking Reconstruction. <i>Solar Physics</i> , 2005 , 227, 217-230	2.6	30
160	Strong Transverse Photosphere Magnetic Fields and Twist in Light Bridge Dividing Delta Sunspot of Active Region 12673. <i>Research Notes of the AAS</i> , 2018 , 2, 8	0.8	30
159	Spatial Distribution of Magnetic Reconnection in the 2006 December 13 Solar Flare as Observed by Hinode. <i>Astrophysical Journal</i> , 2008 , 672, L73-L76	4.7	29
158	1.6 M SOLAR TELESCOPE IN BIG BEAR - THE NST. <i>Journal of the Korean Astronomical Society</i> , 2003 , 36, 125-133		29
157	Pre-eruptive Magnetic Reconnection within a Multi-flux-rope System in the Solar Corona. <i>Astrophysical Journal</i> , 2018 , 857, 124	4.7	28
156	CORONAL IMPLOSION AND PARTICLE ACCELERATION IN THE WAKE OF A FILAMENT ERUPTION. <i>Astrophysical Journal</i> , 2009 , 703, L23-L28	4.7	28
155	NONLINEAR FORCE-FREE MODELING OF MAGNETIC FIELDS IN A SOLAR FILAMENT. <i>Astrophysical Journal Letters</i> , 2010 , 719, L56-L59	7.9	28
154	Comparison of Prominences in H α and He II 304. <i>Solar Physics</i> , 1998 , 183, 91-96	2.6	28

153	On the Fast Fluctuations in Solar Flare H β Blue Wing Emission. <i>Astrophysical Journal</i> , 2001 , 552, 340-347	4.7	28
152	Statistical Analysis of Torus and Kink Instabilities in Solar Eruptions. <i>Astrophysical Journal</i> , 2018 , 864, 138	4.7	28
151	ULTRA-NARROW NEGATIVE FLARE FRONT OBSERVED IN HELIUM-10830 A USING THE 1.6 m NEW SOLAR TELESCOPE. <i>Astrophysical Journal</i> , 2016 , 819, 89	4.7	27
150	Automatic Detection and Classification of Coronal Mass Ejections. <i>Solar Physics</i> , 2006 , 237, 419-431	2.6	27
149	Microwave structure of the quiet sun at 8.5 GHz. <i>Astrophysical Journal</i> , 1990 , 355, 321	4.7	27
148	ANALYSES OF VECTOR MAGNETOGRAMS IN FLARE-PRODUCTIVE ACTIVE REGIONS. <i>Solar Physics</i> , 1997 , 174, 163-173	2.6	26
147	On the Correlation between the Orientation of Moving Magnetic Features and the Large-Scale Twist of Sunspots. <i>Astrophysical Journal</i> , 2001 , 550, 470-474	4.7	26
146	Strong transverse fields in β spots. <i>Solar Physics</i> , 1993 , 144, 37-43	2.6	26
145	The separation velocity of emerging magnetic flux. <i>Solar Physics</i> , 1987 , 110, 81-99	2.6	26
144	Sudden Disappearance of a Small Sunspot Associated with the 2002 February 20 M2.4 Flare. <i>Astrophysical Journal</i> , 2002 , 580, L177-L180	4.7	26
143	ON THE RELATIONSHIP BETWEEN THE CORONAL MAGNETIC DECAY INDEX AND CORONAL MASS EJECTION SPEED. <i>Astrophysical Journal</i> , 2012 , 761, 52	4.7	25
142	Observation of Interactions and Eruptions of Two Filaments. <i>Solar Physics</i> , 2007 , 242, 53-63	2.6	25
141	Study of supergranules. <i>Solar Physics</i> , 1989 , 120, 1-17	2.6	25
140	EVOLUTION OF OPTICAL PENUMBRAL AND SHEAR FLOWS ASSOCIATED WITH THE X3.4 FLARE OF 2006 DECEMBER 13. <i>Astrophysical Journal</i> , 2009 , 690, 1820-1828	4.7	25
139	Witnessing a Large-scale Slipping Magnetic Reconnection along a Dimming Channel during a Solar Flare. <i>Astrophysical Journal Letters</i> , 2017 , 842, L18	7.9	24
138	Intermittency in the Photosphere and Corona above an Active Region. <i>Astrophysical Journal</i> , 2008 , 681, 1669-1676	4.7	24
137	Hard X-Ray Intensity Distribution along H α Ribbons. <i>Astrophysical Journal</i> , 2007 , 664, L127-L130	4.7	24
136	H Dimmings Associated with the X1.6 Flare and Halo Coronal Mass Ejection on 2001 October 19. <i>Astrophysical Journal</i> , 2003 , 597, L161-L164	4.7	24

135	Core and Large-Scale Structure of the 2000 November 24 X-Class Flare and Coronal Mass Ejection. <i>Astrophysical Journal</i> , 2002 , 569, 1026-1031	4-7	24
134	Relationship between Flare Kernels in H α Far-Blue Wing and Magnetic Fields. <i>Astrophysical Journal</i> , 2002 , 568, 408-412	4-7	24
133	Imaging the Chromospheric Evaporation of the 1994 June 30 Solar Flare. <i>Astrophysical Journal</i> , 1997 , 481, 978-987	4-7	23
132	Early Abnormal Temperature Structure of X-Ray Loop-Top Source of Solar Flares. <i>Astrophysical Journal</i> , 2008 , 686, L37-L40	4-7	23
131	THE OCCURRENCE AND SPEED OF CMEs RELATED TO TWO CHARACTERISTIC EVOLUTION PATTERNS OF HELICITY INJECTION IN THEIR SOLAR SOURCE REGIONS. <i>Astrophysical Journal</i> , 2012 , 750, 48	4-7	22
130	CONTRACTING AND ERUPTING COMPONENTS OF SIGMOIDAL ACTIVE REGIONS. <i>Astrophysical Journal</i> , 2012 , 757, 150	4-7	22
129	Magnetic flux transport of decaying active regions and enhanced magnetic network. <i>Solar Physics</i> , 1991 , 131, 53-68	2.6	22
128	Seventy-five hours of coordinated videomagnetograph observations. <i>Astrophysical Journal</i> , 1989 , 343, 489	4-7	22
127	Flux emergence and umbra formation after the X-9 flare of 1991 March 22. <i>Astrophysical Journal</i> , 1993 , 407, L89	4-7	22
126	FORMATION AND ERUPTION OF A SMALL FLUX ROPE IN THE CHROMOSPHERE OBSERVED BY NST, IRIS, AND SDO. <i>Astrophysical Journal</i> , 2015 , 809, 83	4-7	21
125	Three-dimensional Forward-fit Modeling of the Hard X-Ray and Microwave Emissions of the 2015 June 22 M6.5 Flare. <i>Astrophysical Journal</i> , 2018 , 852, 32	4-7	21
124	Successive Flaring during the 2005 September 13 Eruption. <i>Astrophysical Journal</i> , 2007 , 671, 973-977	4-7	21
123	Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST). <i>Solar Physics</i> , 2021 , 296, 1	2.6	21
122	Automatic Solar Flare Tracking Using Image-Processing Techniques. <i>Solar Physics</i> , 2004 , 222, 137-149	2.6	20
121	Comparison of H α and He II λ 304 Macrospicules. <i>Astrophysical Journal</i> , 1998 , 509, 461-470	4-7	20
120	Contrast of Faculae at 1.6 Microns. <i>Astrophysical Journal</i> , 1998 , 495, 957-964	4-7	20
119	Dynamical Characteristics of Small-Scale H α Upflow Events on the Quiet Sun. <i>Astrophysical Journal</i> , 2000 , 545, 1124-1134	4-7	20
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