

Haiming Min Wang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4901145/haiming-min-wang-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

278
papers

9,498
citations

53
h-index

79
g-index

283
ext. papers

10,271
ext. citations

4.7
avg, IF

6.17
L-index

#	Paper	IF	Citations
278	Multi-passband Observations of a Solar Flare over the He i 10830 Å line. <i>Astrophysical Journal Letters</i> , 2022 , 924, L18	7.9	0
277	A High-resolution Study of Magnetic Field Evolution and Spicular Activity around the Boundary of a Coronal Hole. <i>Astrophysical Journal</i> , 2022 , 924, 137	4.7	0
276	Observations of Extremely Strong Magnetic Fields in Active Region NOAA 12673 Using GST Magnetic Field Measurement. <i>Astrophysical Journal</i> , 2022 , 928, 41	4.7	0
275	Multi-instrument Comparative Study of Temperature, Number Density, and Emission Measure during the Precursor Phase of a Solar Flare. <i>Astrophysical Journal</i> , 2022 , 930, 154	4.7	
274	Predicting Solar Energetic Particles Using SDO/HMI Vector Magnetic Data Products and a Bidirectional LSTM Network. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 260, 16	8	0
273	Understanding the Initiation of the M2.4 Flare on 2017 July 14. <i>Astrophysical Journal</i> , 2021 , 922, 108	4.7	0
272	Solar Filament Segmentation Based on Improved U-Nets. <i>Solar Physics</i> , 2021 , 296, 1	2.6	0
271	Migration of Solar Polar Crown Filaments in the Past 100 Years. <i>Astrophysical Journal</i> , 2021 , 909, 86	4.7	5
270	Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST). <i>Solar Physics</i> , 2021 , 296, 1	2.6	21
269	He i 10830 Å Dimming during Solar Flares. I. The Crucial Role of Nonthermal Collisional Ionizations. <i>Astrophysical Journal</i> , 2021 , 912, 153	4.7	10
268	An investigation of the causal relationship between sunspot groups and coronal mass ejections by determining source active regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 1916-1926	4.2	0
267	DeepSun: machine-learning-as-a-service for solar flare prediction. <i>Research in Astronomy and Astrophysics</i> , 2021 , 21, 160	1.5	1
266	Tracing HFibrils through Bayesian Deep Learning. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 256, 20	8	3
265	Coronal Magnetic Field Measurements along a Partially Erupting Filament in a Solar Flare. <i>Astrophysical Journal</i> , 2021 , 923, 213	4.7	0
264	Improving the Spatial Resolution of Solar Images Using Generative Adversarial Network and Self-attention Mechanism*. <i>Astrophysical Journal</i> , 2021 , 923, 76	4.7	0
263	Heating and Eruption of a Solar Circular-ribbon Flare. <i>Astrophysical Journal</i> , 2020 , 893, 158	4.7	4
262	Comparison of Enhanced Absorption in He i 10830 Å in Observations and Modeling during the Early Phase of a Solar Flare. <i>Astrophysical Journal Letters</i> , 2020 , 897, L6	7.9	4

261	Predicting Coronal Mass Ejections Using SDO/HMI Vector Magnetic Data Products and Recurrent Neural Networks. <i>Astrophysical Journal</i> , 2020 , 890, 12	4.7	7
260	Inferring Vector Magnetic Fields from Stokes Profiles of GST/NIRIS Using a Convolutional Neural Network. <i>Astrophysical Journal</i> , 2020 , 894, 70	4.7	9
259	An Eruptive Circular-ribbon Flare with Extended Remote Brightenings. <i>Astrophysical Journal</i> , 2020 , 899, 34	4.7	12
258	High-resolution Observations of Small-scale Flux Emergence by GST. <i>Astrophysical Journal</i> , 2020 , 900, 84	4.7	4
257	Identifying and Tracking Solar Magnetic Flux Elements with Deep Learning. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 250, 5	8	2
256	A New Comprehensive Data Set of Solar Filaments of 100 yr Interval. I.. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 249, 11	8	5
255	Predicting Solar Flares Using a Long Short-term Memory Network. <i>Astrophysical Journal</i> , 2019 , 877, 121	4.7	35
254	Flare-productive active regions. <i>Living Reviews in Solar Physics</i> , 2019 , 16, 3	24.8	83
253	High-resolution Observation of Moving Magnetic Features. <i>Astrophysical Journal</i> , 2019 , 876, 129	4.7	2
252	Flame-like Ellerman Bombs and Their Connection to Solar Ultraviolet Bursts. <i>Astrophysical Journal Letters</i> , 2019 , 875, L30	7.9	19
251	Signatures of Magnetic Flux Ropes in the Low Solar Atmosphere Observed in High Resolution. <i>Frontiers in Astronomy and Space Sciences</i> , 2019 , 6,	3.8	5
250	High-resolution Observations of Dynamics of Superpenumbral H α Fibrils. <i>Astrophysical Journal</i> , 2019 , 880, 143	4.7	2
249	Spectral Diagnosis of Mg ii and H β ines during the Initial Stage of an M6.5 Solar Flare. <i>Astrophysical Journal Letters</i> , 2019 , 878, L15	7.9	5
248	The Eruption of Outer Spine-like Loops Leading to a Double-stage Circular-ribbon Flare. <i>Astrophysical Journal</i> , 2019 , 883, 47	4.7	6
247	Intelligent Recognition of Time Stamp Characters in Solar Scanned Images from Film. <i>Advances in Astronomy</i> , 2019 , 2019, 1-9	0.9	2
246	Statistical Study of Magnetic Topology for Eruptive and Confined Solar Flares. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 1704	2.6	7
245	Pre-eruptive Magnetic Reconnection within a Multi-flux-rope System in the Solar Corona. <i>Astrophysical Journal</i> , 2018 , 857, 124	4.7	28
244	Evolution of Photospheric Flow and Magnetic Fields Associated with the 2015 June 22 M6.5 Flare. <i>Astrophysical Journal</i> , 2018 , 853, 143	4.7	12

243	Transient rotation of photospheric vector magnetic fields associated with a solar flare. <i>Nature Communications</i> , 2018 , 9, 46	17.4	10
242	Extending Counter-streaming Motion from an Active Region Filament to a Sunspot Light Bridge. <i>Astrophysical Journal Letters</i> , 2018 , 852, L18	7.9	14
241	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
240	Spatial Organization of Seven Extreme Solar Energetic Particle Events. <i>Astrophysical Journal Letters</i> , 2018 , 862, L20	7.9	6
239	Collective Study of Polar Crown Filaments in the Past Four Solar Cycles. <i>Astrophysical Journal Letters</i> , 2018 , 862, L23	7.9	8
238	Relationship between Intensity of White-light Flares and Proton Flux of Solar Energetic Particles. <i>Research Notes of the AAS</i> , 2018 , 2, 7	0.8	4
237	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
236	Formation of Large-scale Coronal Loops Interconnecting Two Active Regions through Gradual Magnetic Reconnection and an Associated Heating Process. <i>Astrophysical Journal</i> , 2018 , 860, 40	4.7	1
235	Evolution of Photospheric Vector Magnetic Field Associated with Moving Flare Ribbons as Seen by GST. <i>Astrophysical Journal</i> , 2018 , 869, 21	4.7	11
234	Statistical Analysis of Torus and Kink Instabilities in Solar Eruptions. <i>Astrophysical Journal</i> , 2018 , 864, 138	4.7	28
233	Dark Structures in Sunspot Light Bridges. <i>Astrophysical Journal</i> , 2018 , 865, 29	4.7	6
232	High-resolution Observations of Downflows at One End of a Pre-eruption Filament. <i>Astrophysical Journal</i> , 2017 , 841, 112	4.7	4
231	High-resolution observations of flare precursors in the low solar atmosphere. <i>Nature Astronomy</i> , 2017 , 1,	12.1	55
230	Multiwavelength observations of a flux rope formation by series of magnetic reconnection in the chromosphere. <i>Astronomy and Astrophysics</i> , 2017 , 603, A36	5.1	12
229	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
228	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
227	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
226	Thermodynamics of supra-arcade downflows in solar flares. <i>Astronomy and Astrophysics</i> , 2017 , 606, A84	5.1	9

225	ON THE ROTATION OF SUNSPOTS AND THEIR MAGNETIC POLARITY. <i>Astrophysical Journal</i> , 2016 , 826, 6	4.7	5
224	Flare differentially rotates sunspot on Sun's surface. <i>Nature Communications</i> , 2016 , 7, 13104	17.4	33
223	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
222	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
221	STRUCTURE, STABILITY, AND EVOLUTION OF MAGNETIC FLUX ROPES FROM THE PERSPECTIVE OF MAGNETIC TWIST. <i>Astrophysical Journal</i> , 2016 , 818, 148	4.7	153
220	Irreversible rapid changes of magnetic field associated with the 2012 October 23 circular near-limb X1.8 Flare. <i>Research in Astronomy and Astrophysics</i> , 2016 , 16, 010	1.5	1
219	MULTI-WAVELENGTH STUDY OF TRANSITION REGION PENUMBRA SUBARCSECOND BRIGHT DOTS USING IRIS AND NST. <i>Astrophysical Journal</i> , 2016 , 829, 103	4.7	12
218	The Energetics of White-light Flares Observed by SDO/HMI and RHESSI. <i>Research in Astronomy and Astrophysics</i> , 2016 , 16, 177	1.5	2
217	OBSERVATION OF THE 2011-02-15 X2.2 FLARE IN THE HARD X-RAY AND MICROWAVE. <i>Astrophysical Journal</i> , 2015 , 807, 124	4.7	3
216	Development of technique to detect and classify small-scale magnetic flux cancellation and rapid blue-shifted excursions. <i>Research in Astronomy and Astrophysics</i> , 2015 , 15, 1012-1026	1.5	
215	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
214	Comparison between the eruptive X2.2 flare on 2011 February 15 and confined X3.1 flare on 2014 October 24. <i>Research in Astronomy and Astrophysics</i> , 2015 , 15, 1537-1546	1.5	5
213	A CIRCULAR-RIBBON SOLAR FLARE FOLLOWING AN ASYMMETRIC FILAMENT ERUPTION. <i>Astrophysical Journal Letters</i> , 2015 , 812, L19	7.9	43
212	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
211	GRADUAL MAGNETIC EVOLUTION OF SUNSPOT STRUCTURE AND FILAMENT CORONA DYNAMICS ASSOCIATED WITH THE X1.8 FLARE IN AR11283. <i>Astrophysical Journal</i> , 2015 , 812, 120	4.7	8
210	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
209	Structure and evolution of magnetic fields associated with solar eruptions. <i>Research in Astronomy and Astrophysics</i> , 2015 , 15, 145-174	1.5	18
208	CHROMOSPHERIC RAPID BLUESHIFTED EXCURSIONS OBSERVED WITH IBIS AND THEIR ASSOCIATION WITH PHOTOSPHERIC MAGNETIC FIELD EVOLUTION. <i>Astrophysical Journal</i> , 2015 , 799, 219	4.7	6

207	A SOLAR ERUPTION DRIVEN BY RAPID SUNSPOT ROTATION. <i>Astrophysical Journal</i> , 2014 , 784, 165	4-7	33
206	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
205	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
204	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
203	COMPARISON OF EMISSION PROPERTIES OF TWO HOMOLOGOUS FLARES IN AR 11283. <i>Astrophysical Journal</i> , 2014 , 787, 7	4-7	16
202	STUDY OF TWO SUCCESSIVE THREE-RIBBON SOLAR FLARES ON 2012 JULY 6. <i>Astrophysical Journal Letters</i> , 2014 , 781, L23	7-9	42
201	EVOLUTION OF A MAGNETIC FLUX ROPE AND ITS OVERLYING ARCADE BASED ON NONLINEAR FORCE-FREE FIELD EXTRAPOLATIONS. <i>Astrophysical Journal Letters</i> , 2014 , 784, L13	7-9	8
200	AN UNORTHODOX X-CLASS LONG-DURATION CONFINED FLARE. <i>Astrophysical Journal</i> , 2014 , 790, 8	4-7	44
199	INTERACTION AND MERGING OF TWO SINISTRAL FILAMENTS. <i>Astrophysical Journal</i> , 2014 , 793, 14	4-7	19
198	EVIDENCE FOR SOLAR TETHER-CUTTING MAGNETIC RECONNECTION FROM CORONAL FIELD EXTRAPOLATIONS. <i>Astrophysical Journal Letters</i> , 2013 , 778, L36	7-9	43
197	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
196	STUDY OF RAPID FORMATION OF A SUNSPOT ASSOCIATED WITH THE 2012 JULY 2 C7.4 FLARE USING HIGH-RESOLUTION OBSERVATIONS OF THE NEW SOLAR TELESCOPE. <i>Astrophysical Journal Letters</i> , 2013 , 774, L24	7-9	18
195	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
194	He I D3 OBSERVATIONS OF THE 1984 MAY 22 M6.3 SOLAR FLARE. <i>Astrophysical Journal</i> , 2013 , 774, 60	4-7	13
193	RAPID CHANGES OF PHOTOSPHERIC MAGNETIC FIELD AFTER TETHER-CUTTING RECONNECTION AND MAGNETIC IMPLOSION. <i>Astrophysical Journal Letters</i> , 2012 , 745, L4	7-9	78
192	CHARACTERISTIC SIZE OF FLARE KERNELS IN THE VISIBLE AND NEAR-INFRARED CONTINUA. <i>Astrophysical Journal Letters</i> , 2012 , 750, L7	7-9	19
191	CIRCULAR RIBBON FLARES AND HOMOLOGOUS JETS. <i>Astrophysical Journal</i> , 2012 , 760, 101	4-7	127
190	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

189	ON THE RELATIONSHIP BETWEEN THE CORONAL MAGNETIC DECAY INDEX AND CORONAL MASS EJECTION SPEED. <i>Astrophysical Journal</i> , 2012 , 761, 52	4.7	25
188	RAPID TRANSITION OF UNCOMBED PENUMBRAE TO FACULAE DURING LARGE FLARES. <i>Astrophysical Journal</i> , 2012 , 748, 76	4.7	18
187	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
186	EVOLUTION OF RELATIVE MAGNETIC HELICITY AND CURRENT HELICITY IN NOAA ACTIVE REGION 11158. <i>Astrophysical Journal Letters</i> , 2012 , 752, L9	7.9	58
185	SLOW RISE AND PARTIAL ERUPTION OF A DOUBLE-DECKER FILAMENT. I. OBSERVATIONS AND INTERPRETATION. <i>Astrophysical Journal</i> , 2012 , 756, 59	4.7	96
184	CONTRACTING AND ERUPTING COMPONENTS OF SIGMOIDAL ACTIVE REGIONS. <i>Astrophysical Journal</i> , 2012 , 757, 150	4.7	22
183	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
182	A STANDARD-TO-BLOWOUT JET. <i>Astrophysical Journal Letters</i> , 2011 , 735, L18	7.9	55
181	NONPOTENTIALITY OF CHROMOSPHERIC FIBRILS IN NOAA ACTIVE REGIONS 11092 AND 9661. <i>Astrophysical Journal</i> , 2011 , 739, 67	4.7	18
180	COMPARISON BETWEEN OBSERVATION AND SIMULATION OF MAGNETIC FIELD CHANGES ASSOCIATED WITH FLARES. <i>Astrophysical Journal Letters</i> , 2011 , 727, L19	7.9	18
179	RAPID ENHANCEMENT OF SHEARED EVERSHED FLOW ALONG THE NEUTRAL LINE ASSOCIATED WITH AN X6.5 FLARE OBSERVED BY HINODE. <i>Astrophysical Journal Letters</i> , 2011 , 733, L14	7.9	10
178	A Revisit of the Masuda Flare. <i>Solar Physics</i> , 2011 , 269, 67-82	2.6	3
177	Evidence of two-stage magnetic reconnection in the 2005 January 15 X2.6 flare. <i>New Astronomy</i> , 2011 , 16, 470-476	1.8	
176	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
175	FREE MAGNETIC ENERGY AND FLARE PRODUCTIVITY OF ACTIVE REGIONS. <i>Astrophysical Journal</i> , 2010 , 713, 440-449	4.7	58
174	FAST CONTRACTION OF CORONAL LOOPS AT THE FLARE PEAK. <i>Astrophysical Journal Letters</i> , 2010 , 714, L41-L46	7.9	33
173	Study of the change of surface magnetic field associated with flares. <i>Proceedings of the International Astronomical Union</i> , 2010 , 6, 417-421	0.1	
172	Rapid changes of sunspot structure associated with solar eruptions. <i>Proceedings of the International Astronomical Union</i> , 2010 , 6, 15-20	0.1	

171	What determines the penumbral size and Evershed flow speed?. <i>Proceedings of the International Astronomical Union</i> , 2010 , 6, 216-220	0.1	1
170	Study of sunspot motion and flow fields associated with solar flares. <i>Proceedings of the International Astronomical Union</i> , 2010 , 6, 412-416	0.1	
169	Solar flare forecasting using sunspot-groups classification and photospheric magnetic parameters. <i>Proceedings of the International Astronomical Union</i> , 2010 , 6, 446-450	0.1	3
168	PRODUCTIVITY OF SOLAR FLARES AND MAGNETIC HELICITY INJECTION IN ACTIVE REGIONS. <i>Astrophysical Journal</i> , 2010 , 718, 43-51	4.7	43
167	TIME EVOLUTION OF CORONAL MAGNETIC HELICITY IN THE FLARING ACTIVE REGION NOAA 10930. <i>Astrophysical Journal</i> , 2010 , 720, 1102-1107	4.7	35
166	THE FORMATION OF A MAGNETIC CHANNEL BY THE EMERGENCE OF CURRENT-CARRYING MAGNETIC FIELDS. <i>Astrophysical Journal</i> , 2010 , 719, 403-414	4.7	12
165	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
164	DUAL-STAGE RECONNECTION DURING SOLAR FLARES OBSERVED IN HARD X-RAY. <i>Astrophysical Journal Letters</i> , 2010 , 709, L142-L145	7.9	8
163	GRADUAL INFLATION OF ACTIVE-REGION CORONAL ARCADES BUILDING UP TO CORONAL MASS EJECTIONS. <i>Astrophysical Journal</i> , 2010 , 723, 229-240	4.7	18
162	NONLINEAR FORCE-FREE MODELING OF MAGNETIC FIELDS IN A SOLAR FILAMENT. <i>Astrophysical Journal Letters</i> , 2010 , 719, L56-L59	7.9	28
161	MOTIONS OF HARD X-RAY SOURCES DURING AN ASYMMETRIC ERUPTION. <i>Astrophysical Journal Letters</i> , 2010 , 721, L193-L198	7.9	41
160	Measurements of Filament Height in H α and EUV 304 <i>Solar Physics</i> , 2010 , 264, 81-91	2.6	11
159	RECONNECTION ELECTRIC FIELD AND HARDNESS OF X-RAY EMISSION OF SOLAR FLARES. <i>Astrophysical Journal</i> , 2009 , 696, L27-L31	4.7	17
158	Statistical Assessment of Photospheric Magnetic Features in Imminent Solar Flare Predictions. <i>Solar Physics</i> , 2009 , 254, 101-125	2.6	60
157	The change of magnetic inclination angles associated with the X3.4 flare on December 13, 2006 2009 , 52, 1702-1706		19
156	The correlation between expansion speed and magnetic field in solar flare ribbons 2009 , 52, 1754-1759		1
155	CORONAL IMPLOSION AND PARTICLE ACCELERATION IN THE WAKE OF A FILAMENT ERUPTION. <i>Astrophysical Journal</i> , 2009 , 703, L23-L28	4.7	28
154	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

153	TEMPORAL EVOLUTION OF FREE MAGNETIC ENERGY ASSOCIATED WITH FOUR X-CLASS FLARES. <i>Astrophysical Journal</i> , 2009 , 696, 84-90	4.7	33
152	IMPLOSION IN A CORONAL ERUPTION. <i>Astrophysical Journal</i> , 2009 , 696, 121-135	4.7	48
151	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
150	Automatic detection of magnetic flux emergings in the solar atmosphere from full-disk magnetogram sequences. <i>IEEE Transactions on Image Processing</i> , 2008 , 17, 2174-85	8.7	1
149	Intermittency in the Photosphere and Corona above an Active Region. <i>Astrophysical Journal</i> , 2008 , 681, 1669-1676	4.7	24
148	The Spatial Distribution of the Hard X-Ray Spectral Index and the Local Magnetic Reconnection Rate. <i>Astrophysical Journal</i> , 2008 , 672, L69-L72	4.7	13
147	The Variation of Relative Magnetic Helicity around Major Flares. <i>Astrophysical Journal</i> , 2008 , 686, 1397-1403	4.7	42
146	Early Abnormal Temperature Structure of X-Ray Loop-Top Source of Solar Flares. <i>Astrophysical Journal</i> , 2008 , 686, L37-L40	4.7	23
145	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
144	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
143	Study of Magnetic Channel Structure in Active Region 10930. <i>Astrophysical Journal</i> , 2008 , 687, 658-667	4.7	37
142	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
141	Automatic Detection of Prominence Eruption Using Consecutive Solar Images. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2007 , 17, 79-85	6.4	4
140	Observation of Interactions and Eruptions of Two Filaments. <i>Solar Physics</i> , 2007 , 242, 53-63	2.6	25
139	The Ribbon-like Hard X-Ray Emission in a Sigmoidal Solar Active Region. <i>Astrophysical Journal</i> , 2007 , 658, L127-L130	4.7	38
138	Statistical Correlations between Parameters of Photospheric Magnetic Fields and Coronal Soft X-Ray Brightness. <i>Astrophysical Journal</i> , 2007 , 665, 1460-1468	4.7	9
137	Magnetic Evolution and Temperature Variation in a Coronal Hole. <i>Astrophysical Journal</i> , 2007 , 655, L113-L116	4.7	11
136	Hard X-Ray Intensity Distribution along H α Ribbons. <i>Astrophysical Journal</i> , 2007 , 664, L127-L130	4.7	24

- 135 Flow Field Evolution of a Decaying Sunspot. *Astrophysical Journal*, **2007**, 671, 1013-1021 4.7 30
- 134 The Relaxation of Sheared Magnetic Fields: A Contracting Process. *Astrophysical Journal*, **2007**, 660, 893-900 4.7 76
- 133 The Eruption from a Sigmoidal Solar Active Region on 2005 May 13. *Astrophysical Journal*, **2007**, 669, 1372-1381 4.7 70
- 132 Successive Flaring during the 2005 September 13 Eruption. *Astrophysical Journal*, **2007**, 671, 973-977 4.7 21
- 131 Diffraction-limited Polarimetry from the Infrared Imaging Magnetograph at Big Bear Solar Observatory. *Publications of the Astronomical Society of the Pacific*, **2006**, 118, 838-844 5 12
- 130 High-Resolution Observations of Multiwavelength Emissions during Two X-Class White-Light Flares. *Astrophysical Journal*, **2006**, 641, 1210-1216 4.7 70
- 129 Large-Scale Activities Associated with the 2003 October 29 X10 Flare. *Astrophysical Journal*, **2006**, 642, 1205-1215 4.7 41
- 128 Converging Motion of H α Conjugate Kernels: The Signature of Fast Relaxation of a Sheared Magnetic Field. *Astrophysical Journal*, **2006**, 636, L173-L174 4.7 85
- 127 Comparison of Magnetic Flux Distribution between a Coronal Hole and a Quiet Region. *Astrophysical Journal*, **2006**, 649, 464-469 4.7 32
- 126 The Statistical Relationship between the Photospheric Magnetic Parameters and the Flare Productivity of Active Regions. *Astrophysical Journal*, **2006**, 644, 1273-1277 4.7 63
- 125 Rapid Changes of Photospheric Magnetic Fields around Flaring Magnetic Neutral Lines. *Astrophysical Journal*, **2006**, 649, 490-497 4.7 86
- 124 On the Temporal and Spatial Properties of Elementary Bursts. *Solar Physics*, **2006**, 236, 293-311 2.6 4
- 123 Automatic Detection and Classification of Coronal Mass Ejections. *Solar Physics*, **2006**, 237, 419-431 2.6 27
- 122 Periodic Motion Along Solar Filaments. *Solar Physics*, **2006**, 236, 97-109 2.6 53
- 121 The Automatic Predictability of Super Geomagnetic Storms from halo CMEs associated with Large Solar Flares. *Solar Physics*, **2006**, 238, 141-165 2.6 17
- 120 First Light of the Near-Infrared Narrow-Band Tunable Birefringent Filter at Big Bear Solar Observatory. *Solar Physics*, **2006**, 238, 207-217 2.6 4
- 119 Multiwavelength Study of Flow Fields in Flaring Super Active Region NOAA 10486. *Astrophysical Journal*, **2006**, 644, 1278-1291 4.7 41
- 118 Reevaluation of the Magnetic Structure and Evolution Associated with the Bastille Day Flare on 2000 July 14. *Astrophysical Journal*, **2005**, 627, 1031-1039 4.7 44

117	Properties of Small Dark Features Observed in the Pure Near-Infrared and Visible Continua. <i>Astrophysical Journal</i> , 2005 , 628, L167-L170	4.7	4
116	Rapid Penumbra Decay Associated with an X2.3 Flare in NOAA Active Region 9026. <i>Astrophysical Journal</i> , 2005 , 623, 1195-1201	4.7	71
115	Magnetic Reconnection Rate and Flux-Rope Acceleration of Two-Ribbon Flares. <i>Astrophysical Journal</i> , 2005 , 620, 1085-1091	4.7	70
114	Rapid Change of Sunspot Structure Associated with Seven Major Flares. <i>Astrophysical Journal</i> , 2005 , 622, 722-736	4.7	126
113	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
112	Automatic Solar Filament Detection Using Image Processing Techniques. <i>Solar Physics</i> , 2005 , 228, 119-136	3.7	37
111	Properties of Remote Flare Ribbons Associated with Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2005 , 618, 1012-1019	4.7	19
110	Visible and Near-Infrared Contrast of Faculae in Active Region NOAA 8518. <i>Research in Astronomy and Astrophysics</i> , 2004 , 4, 481-489		2
109	Automatic Solar Flare Tracking Using Image-Processing Techniques. <i>Solar Physics</i> , 2004 , 222, 137-149	2.6	20
108	Magnetic Helicity Change Rate Associated with X-Class and M-Class Flares. <i>Solar Physics</i> , 2004 , 225, 311-324	3.7	10
107	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
106	On the Relation between Filament Eruptions, Flares, and Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2004 , 614, 1054-1062	4.7	104
105	Traces of the Dynamic Current Sheet during a Solar Flare. <i>Astrophysical Journal</i> , 2004 , 607, L55-L58	4.7	41
104	Hard X-Ray and Microwave Observations of Microflares. <i>Astrophysical Journal</i> , 2004 , 612, 530-545	4.7	39
103	Magnetic Reconnection and Mass Acceleration in Flare-Coronal Mass Ejection Events. <i>Astrophysical Journal</i> , 2004 , 604, 900-905	4.7	152
102	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
101	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
100	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

99	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
98	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
97	Observations of Nonthermal and Thermal Hard X-Ray Spikes in an M-Class Flare. <i>Astrophysical Journal</i> , 2004 , 605, 938-947	4-7	18
96	Characteristic evaluation of a near-infrared Fabry-Perot filter for the InfraRed Imaging Magnetograph (IRIM) 2004 ,		4
95	Automatic Solar Flare Tracking. <i>Lecture Notes in Computer Science</i> , 2004 , 419-425	0-9	1
94	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
93	Observations of the Failed Eruption of a Filament. <i>Astrophysical Journal</i> , 2003 , 595, L135-L138	4-7	198
92	Study of Ribbon Separation of a Flare Associated with a Quiescent Filament Eruption. <i>Astrophysical Journal</i> , 2003 , 593, 564-570	4-7	110
91	IRIM: An Imaging Magnetograph for High-Resolution Solar Observations in the Near-Infrared 2003 ,		6
90	Sympathetic Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2003 , 588, 1176-1182	4-7	42
89	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
88	A New Method for Resolving the 180 $^\circ$ Ambiguity in Solar Vector Magnetograms. <i>Solar Physics</i> , 2003 , 217, 79-94	2-6	19
87	Automatic Solar Flare Detection Using MLP, RBF, and SVM. <i>Solar Physics</i> , 2003 , 217, 157-172	2-6	49
86	Magnetic helicity change rate associated with three X-class eruptive flares. <i>Advances in Space Research</i> , 2003 , 32, 1953-1958	2-4	7
85	How directions and helicity of erupted solar magnetic fields define geoeffectiveness of coronal mass ejections. <i>Advances in Space Research</i> , 2003 , 32, 1965-1970	2-4	8
84	High-order adaptive optical system for Big Bear Solar Observatory 2003 ,		9
83	MAGNETIC HELICITY PUMPING BY TWISTED FLUX TUBE EXPANSION. <i>Journal of the Korean Astronomical Society</i> , 2003 , 36, 33-41		13
82	RELATIONSHIP BETWEEN CME KINEMATICS AND FLARE STRENGTH. <i>Journal of the Korean Astronomical Society</i> , 2003 , 36, 61-66		34

81	1.6 M SOLAR TELESCOPE IN BIG BEAR - THE NST. <i>Journal of the Korean Astronomical Society</i> , 2003 , 36, 125-133		29
80	The Sun from Big Bear. <i>Astrophysics and Space Science Library</i> , 2003 , 437-454	0.3	
79	Periodic Motion along a Solar Filament Initiated by a Subflare. <i>Astrophysical Journal</i> , 2003 , 584, L103-L106	10.7	101
78	Development of an Automatic Filament Disappearance Detection System. <i>Solar Physics</i> , 2002 , 205, 93-103	2.6	43
77	Flux Cancellation Rates and Converging Speeds of Canceling Magnetic Features. <i>Solar Physics</i> , 2002 , 207, 73-85	2.6	32
76	Active-Region Monitoring and Flare Forecasting II. Data Processing and First Results. <i>Solar Physics</i> , 2002 , 209, 171-183	2.6	133
75	A Statistical Study of Two Classes of Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2002 , 581, 694-702	4.7	164
74	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
73	Flare Activity and Magnetic Helicity Injection by Photospheric Horizontal Motions. <i>Astrophysical Journal</i> , 2002 , 574, 1066-1073	4.7	83
72	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
71	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
70	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
69	Impulsive Variations of the Magnetic Helicity Change Rate Associated with Eruptive Flares. <i>Astrophysical Journal</i> , 2002 , 580, 528-537	4.7	69
68	Motion of Flare Footpoint Emission and Inferred Electric Field in Reconnecting Current Sheets. <i>Astrophysical Journal</i> , 2002 , 565, 1335-1347	4.7	154
67	Relationship between Flare Kernels in H β -Far-Blue Wing and Magnetic Fields. <i>Astrophysical Journal</i> , 2002 , 568, 408-412	4.7	24
66	Statistical Evidence for Sympathetic Flares. <i>Astrophysical Journal</i> , 2002 , 574, 434-439	4.7	66
65	Rapid Changes of Magnetic Fields Associated with Six X-Class Flares. <i>Astrophysical Journal</i> , 2002 , 576, 497-504	4.7	109
64	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

63	Inter-Active Region Connection of Sympathetic Flaring on 2000 February 17. <i>Astrophysical Journal</i> , 2001 , 559, 1171-1179	4-7	59
62	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
61	Photospheric Plasma Flows Around a Solar Spot. <i>Solar Physics</i> , 2001 , 203, 233-238	2.6	7
60	Orientation of the Magnetic Fields in Interplanetary Flux Ropes and Solar Filaments. <i>Astrophysical Journal</i> , 2001 , 563, 381-388	4-7	108
59	Small Magnetic Bipoles Emerging in a Filament Channel. <i>Astrophysical Journal</i> , 2001 , 548, 497-507	4-7	35
58	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
57	On the Fast Fluctuations in Solar Flare H α Blue Wing Emission. <i>Astrophysical Journal</i> , 2001 , 552, 340-347	4-7	28
56	Asymmetric Behavior of H α Footpoint Emission during the Early Phase of an Impulsive Flare. <i>Astrophysical Journal</i> , 2001 , 554, 445-450	4-7	15
55	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
54	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
53	High-Cadence Observations of an Impulsive Flare. <i>Astrophysical Journal</i> , 2000 , 542, 1080-1087	4-7	61
52	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
51	Extreme-Ultraviolet Flare Loop Emissions in an Eruptive Event. <i>Solar Physics</i> , 2000 , 194, 269-283	2.6	4
50	Ultraviolet and H α Emission in Ellerman Bombs. <i>Astrophysical Journal</i> , 2000 , 544, L157-L161	4-7	61
49	Counter-Streaming Mass Flow and Transient Brightening in Active Region Loops 2000 , 153-165		
48	Interaction Between Network and Intranetwork Magnetic Fields 2000 , 415-426		
47	Minifilament Eruption on the Quiet Sun. I. Observations at H α Central Line. <i>Astrophysical Journal</i> , 2000 , 530, 1071-1084	4-7	66
46	Active Region Loops Observed with SUMER on Board the SOHO. <i>Astrophysical Journal</i> , 2000 , 533, 535-545	4-7	38

45	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
44	Comparison of Transient Network Brightenings and Explosive Events in the Solar Transition Region. <i>Astrophysical Journal</i> , 2000 , 528, L119-L122	4.7	45
43	Dynamical Characteristics of Small-Scale H α Upflow Events on the Quiet Sun. <i>Astrophysical Journal</i> , 2000 , 545, 1124-1134	4.7	20
42	Correlation of Microwave and Hard X-Ray Spectral Parameters. <i>Astrophysical Journal</i> , 2000 , 545, 1116-1123	4.7	76
41	Extreme-Ultraviolet Jets and H β Surges in Solar Microflares. <i>Astrophysical Journal</i> , 1999 , 513, L75-L78	4.7	161
40	The Polarity Distribution of Intranetwork and Network Fields. <i>Solar Physics</i> , 1999 , 188, 47-58	2.6	4
39	Counter-streaming Mass Flow and Transient Brightening in Active Region Loops. <i>Solar Physics</i> , 1999 , 190, 153-165	2.6	15
38	Studies of Microflares and C5.2 flare of 27 September 1998. <i>Solar Physics</i> , 1999 , 188, 365-376	2.6	10
37	Study of H α Jets on the Quiet Sun. <i>Solar Physics</i> , 1998 , 178, 55-69	2.6	16
36	Filament Disappearances During the Period of September 1991 through September 1994. <i>Solar Physics</i> , 1998 , 178, 109-117	2.6	2
35	Comparison of Prominences in H α and He II 304 \square . <i>Solar Physics</i> , 1998 , 183, 91-96	2.6	28
34	Lifetime of Intranetwork Magnetic Elements. <i>Solar Physics</i> , 1998 , 178, 245-250	2.6	30
33	Photospheric Magnetic Field Changes Associated with Transition Region Explosive Events. <i>Astrophysical Journal</i> , 1998 , 497, L109-L112	4.7	87
32	Comparison of H α and He II 304 Macrospicules. <i>Astrophysical Journal</i> , 1998 , 509, 461-470	4.7	20
31	Chromospheric Upflow Events Associated with Transition Region Explosive Events. <i>Astrophysical Journal</i> , 1998 , 504, L123-L126	4.7	46
30	Contrast of Faculae at 1.6 Microns. <i>Astrophysical Journal</i> , 1998 , 495, 957-964	4.7	20
29	High Spatial Resolution Observations of a Small β Spot. <i>Astrophysical Journal</i> , 1998 , 502, 493-497	4.7	9
28	Imaging the Chromospheric Evaporation of the 1994 June 30 Solar Flare. <i>Astrophysical Journal</i> , 1997 , 481, 978-987	4.7	23

27	ANALYSES OF VECTOR MAGNETOGRAMS IN FLARE-PRODUCTIVE ACTIVE REGIONS. <i>Solar Physics</i> , 1997 , 174, 163-173	2.6	26
26	Flux distribution of solar intranetwork magnetic fields. <i>Solar Physics</i> , 1995 , 160, 277-288	2.6	94
25	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
24	Observations of vector magnetic fields in flaring active regions. <i>Solar Physics</i> , 1994 , 154, 261-273	2.6	41
23	The roots of coronal structure in the Sun's surface. <i>Solar Physics</i> , 1994 , 153, 179-198	2.6	9
22	Vector magnetic field changes associated with X-class flares. <i>Astrophysical Journal</i> , 1994 , 424, 436	4.7	187
21	Flows, Evolution of Magnetic Fields, and Flares. <i>International Astronomical Union Colloquium</i> , 1993 , 141, 323-332		2
20	Strong transverse fields in Ξ spots. <i>Solar Physics</i> , 1993 , 144, 37-43	2.6	26
19	Flux emergence and umbra formation after the X-9 flare of 1991 March 22. <i>Astrophysical Journal</i> , 1993 , 407, L89	4.7	22
18	Evolution of magnetic fields and mass flow in a decaying active region. <i>Solar Physics</i> , 1992 , 140, 307-316	2.6	17
17	Flows around sunspots and pores. <i>Solar Physics</i> , 1992 , 140, 41-54	2.6	48
16	Evolution of vector magnetic fields and the August 27 1990 X-3 flare. <i>Solar Physics</i> , 1992 , 140, 85-98	2.6	86
15	Joint vector magnetograph observations at BBSO, Huairou Station and Mees Solar Observatory. <i>Solar Physics</i> , 1992 , 142, 11-20	2.6	37
14	Detection of 'invisible sunspots'. <i>Astrophysical Journal</i> , 1992 , 385, L27	4.7	19
13	Magnetic flux transport of decaying active regions and enhanced magnetic network. <i>Solar Physics</i> , 1991 , 131, 53-68	2.6	22
12	Polar fields during the rising phase of cycle 22. <i>Solar Physics</i> , 1991 , 132, 247-256	2.6	9
11	Motions, fields, and flares in the 1989 March active region. <i>Astrophysical Journal</i> , 1991 , 380, 282	4.7	36
10	Flows, flares, and formation of umbrae and light bridges in BBSO region No. 1167. <i>Solar Physics</i> , 1990 , 125, 45-60	2.6	16

9	Microwave structure of the quiet sun at 8.5 GHz. <i>Astrophysical Journal</i> , 1990 , 355, 321	4.7	27
8	Video image selection studies of granules, pores, and penumbral flows near a large sunspot. <i>Solar Physics</i> , 1989 , 119, 245-255	2.6	11
7	Study of supergranules. <i>Solar Physics</i> , 1989 , 120, 1-17	2.6	25
6	Do mesogranules exist?. <i>Solar Physics</i> , 1989 , 123, 21-32	2.6	12
5	The association of flares to cancelling magnetic features on the sun. <i>Solar Physics</i> , 1989 , 121, 197	2.6	41
4	Seventy-five hours of coordinated videomagnetograph observations. <i>Astrophysical Journal</i> , 1989 , 343, 489	4.7	22
3	On the relationship between magnetic fields and supergranule velocity fields. <i>Solar Physics</i> , 1988 , 117, 343-358	2.6	35
2	Structure of magnetic fields on the quiet sun. <i>Solar Physics</i> , 1988 , 116, 1	2.6	39
1	The separation velocity of emerging magnetic flux. <i>Solar Physics</i> , 1987 , 110, 81-99	2.6	26