Qiang Hu

List of Publications by Year in Descending Order

143 papers	4,151 citations	35 h-index	60 g-index
157 ext. papers	4,886 ext. citations	4.6 avg, IF	5.7 L-index

#	Paper	IF	Citations
143	Small-scale Magnetic Flux Ropes and Their Properties Based on In Situ Measurements from the Parker Solar Probe. *Astrophysical Journal*, **2022**, 924, 43	4.7	3
142	Comparison of the Hall Magnetohydrodynamics and Magnetohydrodynamics Evolution of a Flaring Solar Active Region. *Astrophysical Journal*, **2022**, 925, 197	4.7	0
141	Data-driven modeling of solar coronal magnetic field evolution and eruptions.. *Innovation(China)*, **2022**, 3, 100236	17.8	1
140	On the Estimation of the SHARP Parameter MEANALP from AIA Images Using Deep Neural Networks. *Solar Physics*, **2021**, 296, 1	2.6	1
139	Small-scale Magnetic Flux Ropes with Field-aligned Flows via the PSP In Situ Observations. *Astrophysical Journal*, **2021**, 914, 108	4.7	5
138	Optimal Fitting of the Freidberg Solution to In Situ Spacecraft Measurements of Magnetic Clouds. *Solar Physics*, **2021**, 296, 1	2.6	0
137	Detection of small magnetic flux ropes from the third and fourth Parker Solar Probe encounters. *Astronomy and Astrophysics*, **2021**, 650, A12	5.1	15
136	The Inhomogeneity of Composition Along the Magnetic Cloud Axis. *Frontiers in Physics*, **2021**, 9,	3.9	2
135	Parker Solar Probe Observations of Alfv□ic Waves and Ion-cyclotron Waves in a Small-scale Flux Rope. *Astrophysical Journal Letters*, **2021**, 908, L19	7.9	2
134	On the Quasi-Three Dimensional Configuration of Magnetic Clouds. *Geophysical Research Letters*, **2021**, 48, e2020GL090630	4.9	2
133	Evidence of magnetic flux ropes downstream of the heliospheric termination shock. *Journal of Physics: Conference Series*, **2020**, 1620, 012027	0.3	
132	Effects of Radial Distances on Small-scale Magnetic Flux Ropes in the Solar Wind. *Astrophysical Journal*, **2020**, 894, 25	4.7	7
131	Identification of Magnetic Flux Ropes from Parker Solar Probe Observations during the First Encounter. *Astrophysical Journal, Supplement Series*, **2020**, 246, 26	8	38
130	Quantifying the Toroidal Flux of Preexisting Flux Ropes of Coronal Mass Ejections. *Astrophysical Journal*, **2020**, 889, 125	4.7	4
129	A New Method to Model Magnetic Cloud-driven Forbush Decreases: The 2016 August 2 Event. *Astrophysical Journal*, **2020**, 901, 21	4.7	2
128	How Does Magnetic Reconnection Drive the Early-stage Evolution of Coronal Mass Ejections?. *Astrophysical Journal*, **2020**, 893, 141	4.7	9
127	Small-scale Magnetic Flux Ropes in the First Two Parker Solar Probe Encounters. *Astrophysical Journal*, **2020**, 903, 76	4.7	13

126	Magnetohydrodynamic Simulation of Magnetic Null-point Reconnections and Coronal Dimmings during the X2.1 Flare in NOAA AR 11283. *Astrophysical Journal*, **2020**, 903, 129	4.7	13
125	Whether Small Flux Ropes and Magnetic Clouds Have the Same Origin: A Statistical Study of Small Flux Ropes in Different Types of Solar Wind. *Astrophysical Journal*, **2020**, 904, 122	4.7	2
124	Effects of Cowling Resistivity in the Weakly Ionized Chromosphere. *Astrophysical Journal Letters*, **2020**, 899, L4	7.9	4
123	Forecasting Solar Cycle 25 Using Deep Neural Networks. *Solar Physics*, **2020**, 295, 1	2.6	6
122	A data-driven MHD model of the weakly-ionized chromosphere. *Journal of Physics: Conference Series*, **2020**, 1620, 012026	0.3	
121	Determining the parameter for the linear force-free magnetic field model with multi-dipolar configurations using deep neural networks. *Astronomy and Computing*, **2019**, 26, 50-60	2.4	2
120	Evolution of a Magnetic Flux Rope toward Eruption. *Astrophysical Journal*, **2019**, 871, 25	4.7	14
119	A Data-constrained Magnetohydrodynamic Simulation of Successive Events of Blowout Jet and C-class Flare in NOAA AR 12615. *Astrophysical Journal*, **2019**, 875, 10	4.7	14
118	Particle Acceleration at 5 au Associated with Turbulence and Small-scale Magnetic Flux Ropes. *Astrophysical Journal*, **2019**, 872, 4	4.7	38
117	Single-spacecraft Identification of Flux Tubes and Current Sheets in the Solar Wind. *Astrophysical Journal Letters*, **2019**, 881, L11	7.9	10
116	Analysis of Small-scale Magnetic Flux Ropes Covering the Whole Mission. *Astrophysical Journal*, **2019**, 881,	4.7	16
115	Current Sheets, Magnetic Islands, and Associated Particle Acceleration in the Solar Wind as Observed by Ulysses near the Ecliptic Plane. *Astrophysical Journal*, **2019**, 881, 116	4.7	19
114	Galactic Cosmic Rays Modulation in the Vicinity of Corotating Interaction Regions: Observations During the Last Two Solar Minima. *Astrophysical Journal*, **2019**, 882, 54	4.7	9
113	The Enhancement of the Energetic Particle Intensities in ICMEs. *Astrophysical Journal*, **2019**, 885, 54	4.7	5
112	Godbillon-Vey helicity and magnetic helicity in magnetohydrodynamics. *Journal of Plasma Physics*, **2019**, 85,	2.7	5
111	Radial evolution of the properties of small-scale magnetic flux ropes in the solar wind. *Journal of Physics: Conference Series*, **2019**, 1332, 012005	0.3	
110	ACR Proton Acceleration Associated with Reconnection Processes beyond the Heliospheric Termination Shock. *Astrophysical Journal*, **2019**, 886, 144	4.7	26
109	Alfv□ic velocity spikes and rotational flows in the near-Sun solar wind. *Nature*, **2019**, 576, 228-231	50.4	172

108	Understanding the Twist Distribution Inside Magnetic Flux Ropes by Anatomizing an Interplanetary Magnetic Cloud. *Journal of Geophysical Research: Space Physics*, **2018**, 123, 3238-3261	2.6	37
107	Observational Evidence for Self-generation of Small-scale Magnetic Flux Ropes from Intermittent Solar Wind Turbulence. *Astrophysical Journal Letters*, **2018**, 852, L23	7.9	51
106	Influence of the Solar Cycle on Turbulence Properties and Cosmic-Ray Diffusion. *Astrophysical Journal*, **2018**, 856, 94	4.7	60
105	The Distributions of Iron Average Charge States in Small Flux Ropes in Interplanetary Space: Clues to Their Twisted Structures. *Journal of Geophysical Research: Space Physics*, **2018**, 123, 7167-7180	2.6	10
104	A Magnetohydrodynamic Simulation of Magnetic Null-point Reconnections in NOAA AR 12192, Initiated with an Extrapolated Non-force-free Field. *Astrophysical Journal*, **2018**, 860, 96	4.7	20
103	Study of magnetic field topology of active region 12192 using an extrapolated non-force-free magnetic field. *Proceedings of the International Astronomical Union*, **2018**, 13, 81-82	0.1	
102	Analytical investigation of turbulence quantities and cosmic ray mean free paths from 1995-2017. *Journal of Physics: Conference Series*, **2018**, 1100, 012029	0.3	1
101	Magnetic field topology from non-force free extrapolation and magnetohydrodynamic simulation of its eventual dynamics. *Proceedings of the International Astronomical Union*, **2018**, 13, 183-184	0.1	
100	A database of small-scale magnetic flux ropes in the solar wind from Wind spacecraft measurements. *Journal of Physics: Conference Series*, **2018**, 1100, 012012	0.3	1
99	Observational Analysis of Small-scale Magnetic Flux Ropes from Ulysses In-situ Measurements. *Journal of Physics: Conference Series*, **2018**, 1100, 012006	0.3	7
98	Automated Detection of Small-scale Magnetic Flux Ropes in the Solar Wind: First Results from the Wind Spacecraft Measurements. *Astrophysical Journal, Supplement Series*, **2018**, 239, 12	8	35
97	The Twist Profile in the Cross Section of Interplanetary Magnetic Clouds. *Astrophysical Journal Letters*, **2018**, 869, L13	7.9	4
96	Magnetohydrodynamic Simulation of the X9.3 Flare on 2017 September 6: Evolving Magnetic Topology. *Astrophysical Journal*, **2018**, 869, 13	4.7	31
95	An Unusual Energetic Particle Flux Enhancement Associated with Solar Wind Magnetic Island Dynamics. *Astrophysical Journal Letters*, **2018**, 864, L34	7.9	51
94	Formation and Eruption of an Active Region Sigmoid. II. Magnetohydrodynamic Simulation of a Multistage Eruption. *Astrophysical Journal*, **2018**, 866, 96	4.7	11
93	Comparison of Two Coronal Magnetic Field Models to Reconstruct a Sigmoidal Solar Active Region with Coronal Loops. *Astrophysical Journal*, **2017**, 842, 119	4.7	13
92	II. Transport of Nearly Incompressible Magnetohydrodynamic Turbulence from 1 to 75 au. *Astrophysical Journal*, **2017**, 841, 85	4.7	82
91	Nearly incompressible turbulence for different 2D and slab energy ratios. *Journal of Physics: Conference Series*, **2017**, 900, 012001	0.3	3

90	The Three-part Structure of a Filament-unrelated Solar Coronal Mass Ejection. *Astrophysical Journal* , **2017**, 848, 21	4.7	10
89	The Grad–Shafranov Reconstruction of Toroidal Magnetic Flux Ropes: Method Development and Benchmark Studies. *Solar Physics*, **2017**, 292, 1	2.6	6
88	The Grad-Shafranov reconstruction in twenty years: 1996–2016. *Science China Earth Sciences*, **2017**, 60, 1466-1494	4.6	37
87	The Grad–Shafranov Reconstruction of Toroidal Magnetic Flux Ropes: First Applications. *Solar Physics*, **2017**, 292, 1	2.6	5
86	Reconstruction of a Large-scale Pre-flare Coronal Current Sheet Associated with a Homologous X-shaped Flare. *Astrophysical Journal*, **2017**, 850, 8	4.7	13
85	Buildup of a highly twisted magnetic flux rope during a solar eruption. *Nature Communications*, **2017**, 8, 1330	17.4	42
84	Cosmic Ray Diffusion Tensor throughout the Heliosphere Derived from a Nearly Incompressible Magnetohydrodynamic Turbulence Model. *Astrophysical Journal*, **2017**, 849, 88	4.7	36
83	Automated Detection of Small-scale Magnetic Flux Ropes and Their Association with Shocks. *Journal of Physics: Conference Series*, **2017**, 900, 012024	0.3	12
82	The Grad–Shafranov Reconstruction of Toroidal Magnetic Flux Ropes: Method Development and Benchmark Studies **2017**, 541-563		
81	Hydromagnetic waves in a compressed-dipole field via field-aligned Klein–Gordon equations. *Annales Geophysicae*, **2016**, 34, 473-484	2	1
80	On the twists of interplanetary magnetic flux ropes observed at 1 AU. *Journal of Geophysical Research: Space Physics*, **2016**, 121, 9316-9339	2.6	52
79	On the propagation of a geoeffective coronal mass ejection during 15–17 March 2015. *Journal of Geophysical Research: Space Physics*, **2016**, 121, 7423-7434	2.6	31
78	Rossby wave Green's functions in an azimuthal wind. *Geophysical and Astrophysical Fluid Dynamics*, **2016**, 110, 224-258	1.4	1
77	Solar Wind Electrons Alphas and Protons (SWEAP) Investigation: Design of the Solar Wind and Coronal Plasma Instrument Suite for Solar Probe Plus. *Space Science Reviews*, **2016**, 204, 131-186	7.5	257
76	Observations and analysis of small-scale magnetic flux ropes in the solar wind. *Journal of Physics: Conference Series*, **2016**, 767, 012028	0.3	6
75	GENESIS OF INTERPLANETARY INTERMITTENT TURBULENCE: A CASE STUDY OF ROPE–ROPE MAGNETIC RECONNECTION. *Astrophysical Journal*, **2016**, 832, 179	4.7	14
74	A STATISTICAL STUDY OF THE AVERAGE IRON CHARGE STATE DISTRIBUTIONS INSIDE MAGNETIC CLOUDS FOR SOLAR CYCLE 23. *Astrophysical Journal, Supplement Series*, **2016**, 224, 27	8	22
73	HOW DID A MAJOR CONFINED FLARE OCCUR IN SUPER SOLAR ACTIVE REGION 12192?. *Astrophysical Journal*, **2016**, 828, 62	4.7	48

72	THE INTERACTION OF TURBULENCE WITH PARALLEL AND PERPENDICULAR SHOCKS: THEORY AND OBSERVATIONS AT 1 au. *Astrophysical Journal*, **2016**, 833, 218	4.7	12
71	Data-driven magnetohydrodynamic modelling of a flux-emerging active region leading to solar eruption. *Nature Communications*, **2016**, 7, 11522	17.4	89
70	MHD MODELING OF THE OUTER HELIOSPHERIC STRUCTURES AROUND THE HELIOPAUSE. *Astrophysical Journal*, **2015**, 809, 16	4.7	10
69	THE TRANSPORT OF LOW-FREQUENCY TURBULENCE IN ASTROPHYSICAL FLOWS. II. SOLUTIONS FOR THE SUPER-ALFV□NIC SOLAR WIND. *Astrophysical Journal*, **2015**, 805, 63	4.7	74
68	Magnetic field line lengths inside interplanetary magnetic flux ropes. *Journal of Geophysical Research: Space Physics*, **2015**, 120, 5266-5283	2.6	37
67	Preface to VarSITI Special Section. *Journal of Geophysical Research: Space Physics*, **2015**, 120, 10,137-10,138	2.6	2
66	The transport of low-frequency turbulence in the super-Alfv□ic solar wind. *Journal of Physics: Conference Series*, **2015**, 642, 012001	0.3	19
65	EVIDENCE OF THE SOLAR EUV HOT CHANNEL AS A MAGNETIC FLUX ROPE FROM REMOTE-SENSING AND IN SITU OBSERVATIONS. *Astrophysical Journal Letters*, **2015**, 808, L15	7.9	24
64	Determining the 3D Structure of the Corona Using Vertical Height Constraints on Observed Active Region Loops. *Solar Physics*, **2014**, 289, 3703-3721	2.6	7
63	Reconstruction of an evolving magnetic flux rope in the solar wind: Decomposing spatial and temporal variations from single-spacecraft data. *Journal of Geophysical Research: Space Physics*, **2014**, 119, 97-114	2.6	9
62	STRUCTURES OF INTERPLANETARY MAGNETIC FLUX ROPES AND COMPARISON WITH THEIR SOLAR SOURCES. *Astrophysical Journal*, **2014**, 793, 53	4.7	77
61	TURBULENCE TRANSPORT MODELING OF THE TEMPORAL OUTER HELIOSPHERE. *Astrophysical Journal*, **2014**, 793, 52	4.7	34
60	NONLINEAR FORCE-FREE FIELD EXTRAPOLATION OF A CORONAL MAGNETIC FLUX ROPE SUPPORTING A LARGE-SCALE SOLAR FILAMENT FROM A PHOTOSPHERIC VECTOR MAGNETOGRAM. *Astrophysical Journal Letters*, **2014**, 786, L16	7.9	47
59	FORMATION AND ERUPTION OF AN ACTIVE REGION SIGMOID. I. A STUDY BY NONLINEAR FORCE-FREE FIELD MODELING. *Astrophysical Journal*, **2014**, 780, 55	4.7	77
58	A Rapid, Manual Method to Map Coronal-Loop Structures of an Active Region Using Cubic B□ier Curves and Its Applications to Misalignment Angle Analysis. *Solar Physics*, **2014**, 289, 847-865	2.6	7
57	Interplanetary and geomagnetic consequences of 5 January 2005 CMEs associated with eruptive filaments. *Journal of Geophysical Research: Space Physics*, **2013**, 118, 3954-3967	2.6	19
56	Effect of Electron Pressure on the Grad□hafranov Reconstruction of Interplanetary Coronal Mass Ejections. *Solar Physics*, **2013**, 284, 275-291	2.6	13
55	MAGNETOHYDRODYNAMIC SIMULATION OF A SIGMOID ERUPTION OF ACTIVE REGION 11283. *Astrophysical Journal Letters*, **2013**, 771, L30	7.9	101

54	A STUDY OF FAST FLARELESS CORONAL MASS EJECTIONS. *Astrophysical Journal*, **2013**, 773, 129	4.7	21
53	Reconstruction of magnetic clouds from in-situ spacecraft measurements and intercomparison with their solar sources. *Proceedings of the International Astronomical Union*, **2013**, 8, 269-272	0.1	
52	Coronal Loop Mapping to Infer the Best Magnetic Field Models for Active Region Prominences. *Proceedings of the International Astronomical Union*, **2013**, 8, 416-417	0.1	
51	Evolution of the 5 January 2005 CMEs associated with eruptive filaments in inner heliosphere. *Proceedings of the International Astronomical Union*, **2013**, 8, 491-492	0.1	1
50	Klein-Gordon equations for horizontal transverse oscillations in two-dimensional coronal loops. *Astronomy and Astrophysics*, **2012**, 541, A53	5.1	4
49	THE TRANSPORT OF DENSITY FLUCTUATIONS THROUGHOUT THE HELIOSPHERE. *Astrophysical Journal*, **2012**, 756, 21	4.7	14
48	STUDY OF THE THREE-DIMENSIONAL CORONAL MAGNETIC FIELD OF ACTIVE REGION 11117 AROUND THE TIME OF A CONFINED FLARE USING A DATA-DRIVEN CESE-MHD MODEL. *Astrophysical Journal*, **2012**, 759, 85	4.7	32
47	Numerical modeling of transient phenomena in the distant solar wind and in the heliosheath **2012**,		2
46	Toroidal hydromagnetic waves in an axi-symmetric magnetic field. *Journal of Geophysical Research*, **2012**, 117, n/a-n/a		4
45	A ROLE OF MAGNETOSONIC PULSES ON VARIATIONS OF VOYAGER-1 MeV ELECTRON INTENSITY IN THE HELIOSHEATH. *Astrophysical Journal Letters*, **2012**, 757, L2	7.9	13
44	Effect of current sheets on the solar wind magnetic field power spectrum from the Ulysses observation: from Kraichnan to Kolmogorov scaling. *Physical Review Letters*, **2011**, 106, 125001	7.4	44
43	Realistic and time-varying outer heliospheric modelling. *Monthly Notices of the Royal Astronomical Society*, **2011**, 416, 1475-1485	4.3	93
42	Klein-Gordon equations for toroidal hydromagnetic waves in an axi-symmetric field. *Annales Geophysicae*, **2010**, 28, 737-742	2	5
41	Self-organization in a driven dissipative plasma system. *Journal of Plasma Physics*, **2010**, 76, 107-116	2.7	1
40	ALFVN SIMPLE WAVES: EULER POTENTIALS AND MAGNETIC HELICITY. *Astrophysical Journal*, **2010**, 725, 2128-2151	4.7	13
39	Homotopy formulas for the magnetic vector potential and magnetic helicity: The Parker spiral interplanetary magnetic field and magnetic flux ropes. *Journal of Geophysical Research*, **2010**, 115, n/a-n/a		24
38	Multipoint connectivity analysis of the May 2007 solar energetic particle events. *Journal of Geophysical Research*, **2010**, 115, n/a-n/a		7
37	The solar active region magnetic field and energetics. *Proceedings of the International Astronomical Union*, **2010**, 6, 369-373	0.1	

36	Non-force-free extrapolation of solar coronal magnetic field using vector magnetograms. *Journal of Atmospheric and Solar-Terrestrial Physics*, **2010**, 72, 219-223	2	26
35	Reconstruction of a large-scale reconnection exhaust structure in the solar wind. *Annales Geophysicae*, **2009**, 27, 807-822	2	18
34	Minimum dissipative relaxed states applied to laboratory and space plasmas. *Journal of Plasma Physics*, **2009**, 75, 273-287	2.7	4
33	THE INTERACTION OF ALFVÉN WAVES WITH PERPENDICULAR SHOCKS. *Astrophysical Journal*, **2009**, 706, 687-692	4.7	27
32	Automated shock detection and analysis algorithm for space weather application. *Space Weather*, **2008**, 6, n/a-n/a	3.7	20
31	Modeling a mixed SEP event with the PATH model: December 13, 2006. *AIP Conference Proceedings*, **2008**,	0	4
30	The Interaction of Alfvén Waves and Perpendicular Shocks. *AIP Conference Proceedings*, **2008**,	0	2
29	Theory and simulations of principle of minimum dissipation rate. *Physics of Plasmas*, **2008**, 15, 012306	2.1	11
28	A Practical Approach to Coronal Magnetic Field Extrapolation Based on the Principle of Minimum Dissipation Rate. *Astrophysical Journal*, **2008**, 679, 848-853	4.7	30
27	An Improved Approach to Non-Force-Free Coronal Magnetic Field Extrapolation. *Solar Physics*, **2008**, 247, 87-101	2.6	37
26	Interaction of positive and negative energy waves in a magnetized bi-ion plasma with differential ion streaming. *Journal of Plasma Physics*, **2008**, 74, 345-352	2.7	
25	Propagation and evolution of a magnetic cloud from ACE to Ulysses. *Journal of Geophysical Research*, **2007**, 112, n/a-n/a		30
24	Orientations of LASCO Halo CMEs and their connection to the flux rope structure of interplanetary CMEs. *Advances in Space Research*, **2007**, 40, 1821-1826	2.4	34
23	On the Magnetic Flux Budget in Low-Corona Magnetic Reconnection and Interplanetary Coronal Mass Ejections. *Astrophysical Journal*, **2007**, 659, 758-772	4.7	210
22	A Forecast of the Heliospheric Termination-Shock Position by Three-dimensional MHD Simulations. *Astrophysical Journal*, **2007**, 670, L139-L142	4.7	56
21	Suprathermal electron 90° pitch angle depletions at reverse shocks in the solar wind. *Journal of Geophysical Research*, **2006**, 111,		16
20	Particle acceleration at perpendicular shock waves: Model and observations. *Journal of Geophysical Research*, **2006**, 111,		145
19	A new approach to modeling non-force free coronal magnetic field. *Geophysical Research Letters*, **2006**, 33,	4.9	12

18	Constraints on the global structure of magnetic clouds: Transverse size and curvature. *Journal of Geophysical Research*, **2006**, 111,		125
17	On the magnetic topology of October/November 2003 events. *Journal of Geophysical Research*, **2005**, 110,		26
16	Structure of magnetic fields in NOAA active regions 0486 and 0501 and in the associated interplanetary ejecta. *Space Weather*, **2005**, 3, n/a-n/a	3.7	39
15	Calculation of magnetic helicity of cylindrical flux rope. *Geophysical Research Letters*, **2005**, 32, n/a-n/a	4.9	9
14	The Energetic Storm Particle Event on 2003 October 24: A Test of Diffusive Shock Acceleration Theory. *AIP Conference Proceedings*, **2005**,	0	2
13	Fitting flux ropes to a global MHD solution: a comparison of techniques. *Journal of Atmospheric and Solar-Terrestrial Physics*, **2004**, 66, 1321-1331	2	112
12	Multiple flux rope magnetic ejecta in the solar wind. *Journal of Geophysical Research*, **2004**, 109,		55
11	Extremely high speed solar wind: 29□0 October 2003. *Journal of Geophysical Research*, **2004**, 109,		169
10	Magnetic Reconnection Phenomena In Interplanetary Space. *Space Science Reviews*, **2003**, 107, 107-110	7.5	12
9	Double flux-rope magnetic cloud in the solar wind at 1 AU. *Geophysical Research Letters*, **2003**, 30,	4.9	26
8	Reconstruction of two-dimensional structures in the magnetopause: Method improvements. *Journal of Geophysical Research*, **2003**, 108, SMP 9-1		60
7	Signs of magnetic helicity in interplanetary coronal mass ejections and associated prominences: Case study. *Journal of Geophysical Research*, **2003**, 108,		29
6	Reconstruction of magnetic clouds in the solar wind: Orientations and configurations. *Journal of Geophysical Research*, **2002**, 107, SSH 10-1		222
5	Reconstruction of magnetic flux ropes in the solar wind. *Geophysical Research Letters*, **2001**, 28, 467-470	4.9	130
4	Magnetopause transects from two spacecraft: A comparison. *Geophysical Research Letters*, **2000**, 27, 1443-1446	4.9	25
3	Magnetic reconnection events in the interplanetary space. *Science in China Series D: Earth Sciences*, **1997**, 40, 463-471		5
2	Turbulence and wave transmission at an ICME-driven shock observed by the Solar Orbiter and Wind. *Astronomy and Astrophysics*,	5.1	4
1	A fundamental mechanism of solar eruption initiation. *Nature Astronomy*,	12.1	13