Pete Riley

List of Publications by Year
in descending order

170 papers	9,491 citations	28274 55 h-index	40979 93 g-index
179 all docs	179 docs citations	179 times ranked	3862 citing authors

#	Article	IF	Citations
1	Solar Wind Electron Proton Alpha Monitor (SWEPAM) for the Advanced Composition Explorer. Space Science Reviews, 1998, 86, 563-612.	8.1	844
2	Solar wind observations over Ulysses' first full polar orbit. Journal of Geophysical Research, 2000, 105, 10419-10433.	3.3	421
3	CME Theory and Models. Space Science Reviews, 2006, 123, 251-302.	8.1	336
4	Magnetohydrodynamic modeling of the solar corona during Whole Sun Month. Journal of Geophysical Research, 1999, 104, 9809-9830.	3.3	282
5	Ulysses' return to the slow solar wind. Geophysical Research Letters, 1998, 25, 1-4.	4.0	250
6	Numerical simulation of the 12 May 1997 interplanetary CME event. Journal of Geophysical Research, 2004, 109, .	3.3	244
7	An empirically-driven global MHD model of the solar corona and inner heliosphere. Journal of Geophysical Research, 2001, 106, 15889-15901.	3.3	241
8	A Comparison between Global Solar Magnetohydrodynamic and Potential Field Source Surface Model Results. Astrophysical Journal, 2006, 653, 1510-1516.	4.5	227
9	The Physical Processes of CME/ICME Evolution. Space Science Reviews, 2017, 212, 1159-1219.	8.1	179
10	On the probability of occurrence of extreme space weather events. Space Weather, 2012, 10, .	3.7	166
11	Kinematic Treatment of Coronal Mass Ejection Evolution in the Solar Wind. Astrophysical Journal, 2004, 600, 1035-1042.	4.5	155
12	Slow Solar Wind: Observations and Modeling. Space Science Reviews, 2016, 201, 55-108.	8.1	147
13	Flux cancellation and coronal mass ejections. Physics of Plasmas, 2003, 10, 1971-1978.	1.9	146
14	The Solar Orbiter magnetometer. Astronomy and Astrophysics, 2020, 642, A9.	5.1	136
15	The Open Flux Problem. Astrophysical Journal, 2017, 848, 70.	4.5	135
16	Fitting flux ropes to a global MHD solution: a comparison of techniques. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 1321-1331.	1.6	129
17	A Multi-Observatory Inter-Comparison of Line-of-Sight Synoptic Solar Magnetograms. Solar Physics, 2014, 289, 769-792.	2.5	123
18	Sun-to-Earth MHD Simulation of the 2000 July 14 â€œBastille Dayâ€•Eruption. Astrophysical Journal, 2018, 856, 75.	4.5	118

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19	Corotating interaction regions during the recent solar minimum: The power and limitations of global MHD modeling. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 83, 1-10.	1.6	116
20	Global MHD Modeling of the Solar Corona and Inner Heliosphere for the Whole Heliosphere Interval. Solar Physics, 2011, 274, 361-377.	2.5	114
21	Initial coupling of coronal and heliospheric numerical magnetohydrodynamic codes. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 1311-1320.	1.6	112
22	Origins of the Ambient Solar Wind: Implications for Space Weather. Space Science Reviews, 2017, 212, 1345-1384.	8.1	107
23	Merging of coronal and heliospheric numerical two-dimensional MHD models. Journal of Geophysical Research, 2002, 107, SSH 14-1-SSH 14-11.	3.3	106
24	Metrics for solar wind prediction models: Comparison of empirical, hybrid, and physicsâ€based schemes with 8 years of L1 observations. Space Weather, 2008, 6, .	3.7	105
25	The solar magnetic activity band interaction and instabilities that shape quasi-periodic variability. Nature Communications, 2015, 6, 6491.	12.8	97
26	Extreme Space Weather Events: From Cradle to Grave. Space Science Reviews, 2018, 214, 1.	8.1	97
27	Predicting the corona for the 21 August 2017 total solar eclipse. Nature Astronomy, 2018, 2, 913-921.	10.1	94
28	Forecasting the Arrival Time of Coronal Mass Ejections: Analysis of the CCMC CME Scoreboard. Space Weather, 2018, 16, 1245-1260.	3.7	94
29	Using an MHD simulation to interpret the global context of a coronal mass ejection observed by two spacecraft. Journal of Geophysical Research, 2003, 108, .	3.3	93
30	Collaborative efforts to forecast seasonal influenza in the United States, 2015â€“2016. Scientific Reports, 2019, 9, 683.	3.3	90
31	Overexpanding coronal mass ejections at high heliographic latitudes: Observations and simulations. Journal of Geophysical Research, 1998, 103, 1941-1954.	3.3	86
32	Validation for solar wind prediction at Earth: Comparison of coronal and heliospheric models installed at the CCMC. Space Weather, 2015, 13, 316-338.	3.7	85
33	On the role played by magnetic expansion factor in the prediction of solar wind speed. Space Weather, 2015, 13, 154-169.	3.7	84
34	Coronal Magnetic Field Models. Space Science Reviews, 2017, 210, 249-274.	8.1	82
35	Interplanetary Signatures of Unipolar Streamers and the Origin of the Slow Solar Wind. Solar Physics, 2012, 277, 355-373.	2.5	81
36	A twoâ€dimensional simulation of the radial and latitudinal evolution of a solar wind disturbance driven by a fast, highâ€pressure coronal mass ejection. Journal of Geophysical Research, 1997, 102, 14677-14685.	3.3	78

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37	A prolonged He+enhancement within a coronal mass ejection in the solar wind. Geophysical Research Letters, 1999, 26, 161-164.	4.0	78
38	On the Rates of Coronal Mass Ejections: Remote Solar and In Situ Observations. Astrophysical Journal, 2006, 647, 648-653.	4.5	77
39	Extreme geomagnetic storms: Probabilistic forecasts and their uncertainties. Space Weather, 2017, 15, 53-64.	3.7	77
40	THE SOLAR ENERGETIC PARTICLE EVENT ON 2013 APRIL 11: AN INVESTIGATION OF ITS SOLAR ORIGIN AND LONGITUDINAL SPREAD. Astrophysical Journal, 2014, 797, 8.	4.5	76
41	On the lognormality of historical magnetic storm intensity statistics: Implications for extremeâ€event probabilities. Geophysical Research Letters, 2015, 42, 6544-6553.	4.0	72
42	LONGITUDINAL PROPERTIES OF A WIDESPREAD SOLAR ENERGETIC PARTICLE EVENT ON 2014 FEBRUARY 25: EVOLUTION OF THE ASSOCIATED CME SHOCK. Astrophysical Journal, 2016, 819, 72.	4.5	72
43	The Effects of Differential Rotation on the Magnetic Structure of the Solar Corona: Magnetohydrodynamic Simulations. Astrophysical Journal, 2005, 625, 463-473.	4.5	67
44	The Solar Wind at 1 AU During the Declining Phase ofÂSolar Cycle 23: Comparison of 3D Numerical Model Results with Observations. Solar Physics, 2009, 254, 155-183.	2.5	67
45	Comparative Study of MHD Modeling of the Background Solar Wind. Solar Physics, 2014, 289, 1783-1801.	2.5	67
46	Modeling the heliospheric current sheet: Solar cycle variations. Journal of Geophysical Research, 2002, 107, SSH 8-1.	3.3	66
47	Mapping Solar Wind Streams from the Sun to 1 AU: A Comparison of Techniques. Solar Physics, 2011, 270, 575-592.	2.5	65
48	INFERRING THE STRUCTURE OF THE SOLAR CORONA AND INNER HELIOSPHERE DURING THE MAUNDER MINIMUM USING GLOBAL THERMODYNAMIC MAGNETOHYDRODYNAMIC SIMULATIONS. Astrophysical Journal, 2015, 802, 105.	4.5	65
49	From the Sun to the Earth: The 13 May 2005 Coronal Mass Ejection. Solar Physics, 2010, 265, 49-127.	2.5	63
50	Factors affecting the geoeffectiveness of shocks and sheaths at 1ÂAU. Journal of Geophysical Research: Space Physics, 2016, 121, 10861-10879.	2.4	63
51	Cone model-based SEP event calculations for applications to multipoint observations. Advances in Space Research, 2010, 46, 1-21.	2.6	61
52	â€œBurstyâ€•Reconnection Following Solar Eruptions: MHD Simulations and Comparison with Observations. Astrophysical Journal, 2007, 655, 591-597.	4.5	59
53	Ulysses' rapid crossing of the polar coronal hole boundary. Journal of Geophysical Research, 1998, 103, 1955-1967.	3.3	58
54	MAGNETOHYDRODYNAMIC SIMULATIONS OF INTERPLANETARY CORONAL MASS EJECTIONS. Astrophysical Journal, 2013, 777, 76.	4.5	58

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55	Using Global Simulations to Relate the Threeâ€Part Structure of Coronal Mass Ejections to In Situ Signatures. Astrophysical Journal, 2008, 672, 1221-1227.	4.5	57
56	The acceleration of slow coronal mass ejections in the high-speed solar wind. Geophysical Research Letters, 1996, 23, 2867-2870.	4.0	56
57	Probing the Solar Magnetic Field with a Sun-Grazing Comet. Science, 2013, 340, 1196-1199.	12.6	55
58	PARTICLE ACCELERATION AT LOW CORONAL COMPRESSION REGIONS AND SHOCKS. Astrophysical Journal, 2015, 810, 97.	4.5	55
59	Comparison of Observations at ACE and Ulysses with Enlil Model Results: Stream Interaction Regions During Carrington Rotations 2016â€‰â€"â€‰2018. Solar Physics, 2011, 273, 179-203.	2.5	53
60	The Whole Heliosphere Interval in the Context of a Long and Structured Solar Minimum: An Overview from Sun to Earth. Solar Physics, 2011, 274, 5-27.	2.5	53
61	Global solar wind variations over the last four centuries. Scientific Reports, 2017, 7, 41548.	3.3	52
62	Evidence of Posteruption Reconnection Associated with Coronal Mass Ejections in the Solar Wind. Astrophysical Journal, 2002, 578, 972-978.	4.5	52
63	Effects of the Weak Polar Fields of Solar Cycle 23: Investigation Using OMNI for the STEREO Mission Period. Solar Physics, 2009, 256, 345-363.	2.5	51
64	The Heliospheric Current Sheet in the Inner Heliosphere Observed by the Parker Solar Probe. Astrophysical Journal, Supplement Series, 2020, 246, 47.	7.7	50
65	Comparing eclipse observations of the 2008 August 1 solar corona with an MHD model prediction. Astronomy and Astrophysics, 2010, 513, A45.	5.1	46
66	An Alternative Interpretation of the Relationship between the Inferred Open Solar Flux and the Interplanetary Magnetic Field. Astrophysical Journal, 2007, 667, L97-L100.	4.5	45
67	The Solar Energetic Particle Event of 2010 August 14: Connectivity with the Solar Source Inferred from Multiple Spacecraft Observations and Modeling. Astrophysical Journal, 2017, 838, 51.	4.5	45
68	Properties of high-latitude CME-driven disturbances during Ulysses second northern polar passage. Geophysical Research Letters, 2003, 30, .	4.0	44
69	Assessing the Quality of Models of the Ambient Solar Wind. Space Weather, 2018, 16, 1644-1667.	3.7	44
70	A Computationally Efficient, Time-Dependent Model of the Solar Wind for Use as a Surrogate to Three-Dimensional Numerical Magnetohydrodynamic Simulations. Solar Physics, 2020, 295, 1.	2.5	44
71	Theoretical modeling for the stereo mission. Space Science Reviews, 2008, 136, 565-604.	8.1	40
72	The Threeâ€dimensional Coronal Magnetic Field during Whole Sun Month. Astrophysical Journal, 1999, 520, 871-879.	4.5	38

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73	Validation for global solar wind prediction using Ulysses comparison: Multiple coronal and heliospheric models installed at the Community Coordinated Modeling Center. Space Weather, 2016, 14, 592-611.	3.7	38
74	Forecasting the properties of the solar wind using simple pattern recognition. Space Weather, 2017, 15, 526-540.	3.7	37
75	Predicting the Structure of the Solar Corona and Inner Heliosphere during Parker Solar Probe's First Perihelion Pass. Astrophysical Journal Letters, 2019, 874, L15.	8.3	35
76	PROPERTIES OF THE FAST FORWARD SHOCK DRIVEN BY THE 2012 JULY 23 EXTREME CORONAL MASS EJECTION. Astrophysical Journal, 2016, 819, 57.	4.5	34
77	Sunward Strahl: A Method to Unambiguously Determine Open Solar Flux from In Situ Spacecraft Measurements Using Suprathermal Electron Data. Journal of Geophysical Research: Space Physics, 2017, 122, 10,980.	2.4	34
78	Nearâ€Earth heliospheric magnetic field intensity since 1750: 1. Sunspot and geomagnetic reconstructions. Journal of Geophysical Research: Space Physics, 2016, 121, 6048-6063.	2.4	33
79	Probabilistic Solar Wind Forecasting Using Large Ensembles of Nearâ€Sun Conditions With a Simple Oneâ€Dimensional â€œUpwindâ€• Scheme. Space Weather, 2017, 15, 1461-1474.	3.7	33
80	Can an Unobserved Concentration of Magnetic Flux Above the Poles of the Sun Resolve the Open Flux Problem?. Astrophysical Journal, 2019, 884, 18.	4.5	33
81	The tilts of corotating interaction regions at midheliographic latitudes. Journal of Geophysical Research, 1996, 101, 24349-24357.	3.3	32
82	Ambient solar wind's effect on ICME transit times. Geophysical Research Letters, 2008, 35, .	4.0	32
83	Relationship between Ulysses plasma observations and solar observations during the Whole Sun Month campaign. Journal of Geophysical Research, 1999, 104, 9871-9879.	3.3	31
84	Probabilistic Solar Wind and Geomagnetic Forecasting Using an Analogue Ensemble or â€œSimilar Dayâ€• Approach. Solar Physics, 2017, 292, 69.	2.5	31
85	On the Link between the Release of Solar Energetic Particles Measured at Widespread Heliolongitudes and the Properties of the Associated Coronal Shocks. Astrophysical Journal, 2017, 847, 103.	4.5	30
86	On the origin of near-radial magnetic fields in the heliosphere: Numerical simulations. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	29
87	Characterization of the slow wind in the outer corona. Advances in Space Research, 2010, 46, 1400-1408.	2.6	29
88	The Latitudinal Excursion of Coronal Magnetic Field Lines in Response to Differential Rotation: MHD Simulations. Astrophysical Journal, 2006, 642, L69-L72.	4.5	28
89	Do coronal mass ejections implode in the solar wind?. Geophysical Research Letters, 1998, 25, 1529-1532.	4.0	27
90	On the application of ensemble modeling techniques to improve ambient solar wind models. Journal of Geophysical Research: Space Physics, 2013, 118, 600-607.	2.4	27

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91	Diagnostics of Coronal Magnetic Fields through the Hanle Effect in UV and IR Lines. Frontiers in Astronomy and Space Sciences, 2016, 3, .	2.8	25
92	An Empirically Driven Time-Dependent Model of the Solar Wind. Journal of Physics: Conference Series, 2016, 719, 012012.	0.4	25
93	Transtensional deformation and structural control of contiguous but independent magmatic systems: Mono-Inyo Craters, Mammoth Mountain, and Long Valley Caldera, California. , 2012, 8, 740-751.		24
94	Forecasting the Ambient Solar Wind with Numerical Models. II. An Adaptive Prediction System for Specifying Solar Wind Speed near the Sun. Astrophysical Journal, 2020, 891, 165.	4.5	24
95	Underestimates of magnetic flux in coupled MHD model solar wind solutions. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 83, 22-31.	1.6	23
96	Synthesis of 3â€Đ Coronalâ€Solar Wind Energetic Particle Acceleration Modules. Space Weather, 2014, 12, 323-328.	3.7	23
97	Coronal Pseudo-Streamer and Bipolar Streamer Observed by SOHO/UVCS in March 2008. Solar Physics, 2015, 290, 2043-2054.	2.5	23
98	The first widespread solar energetic particle event of solar cycle 25 on 2020 November 29. Astronomy and Astrophysics, 2022, 660, A84.	5.1	23
99	Using Parker Solar Probe observations during the first four perihelia to constrain global magnetohydrodynamic models. Astronomy and Astrophysics, 2021, 650, A19.	5.1	21
100	Nearâ€Earth heliospheric magnetic field intensity since 1750: 2. Cosmogenic radionuclide reconstructions. Journal of Geophysical Research: Space Physics, 2016, 121, 6064-6074.	2.4	19
101	Dynamical evolution of the inner heliosphere approaching solar activity maximum: interpreting Ulysses observations using a global MHD model. Annales Geophysicae, 2003, 21, 1347-1357.	1.6	19
102	Ion energy equation for the high-speed solar wind: Ulysses observations. Journal of Geophysical Research, 1998, 103, 14547-14557.	3.3	18
103	Investigation of the polytropic relationship between density and temperature within interplanetary coronal mass ejections using numerical simulations. Journal of Geophysical Research, 2001, 106, 8291-8300.	3.3	18
104	Modeling corotating interaction regions: From the Sun to 1AU. Journal of Atmospheric and Solar-Terrestrial Physics, 2007, 69, 32-42.	1.6	18
105	Particle Radiation Sources, Propagation and Interactions in Deep Space, at Earth, the Moon, Mars, and Beyond: Examples of Radiation Interactions and Effects. Space Science Reviews, 2017, 212, 1069-1106.	8.1	18
106	Using Statistical Multivariable Models to Understand the Relationship Between Interplanetary Coronal Mass Ejecta and Magnetic Flux Ropes. Solar Physics, 2013, 284, 217-233.	2.5	17
107	Solar origins of solar wind properties during the cycle 23 solar minimum and rising phase of cycle 24. Journal of Advanced Research, 2013, 4, 221-228.	9.5	17
108	Forecasting national and regional influenza-like illness for the USA. PLoS Computational Biology, 2019, 15, e1007013.	3.2	17

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109	Comparison of Heliospheric In Situ Data with the Quasiâ€steady Solar Wind Models. Astrophysical Journal, 2008, 674, 1158-1166.	4.5	16
110	Multiple Estimates of Transmissibility for the 2009 Influenza Pandemic Based on Influenza-like-Illness Data from Small US Military Populations. PLoS Computational Biology, 2013, 9, e1003064.	3.2	16
111	Coronal Mass Ejection Data Clustering and Visualization of Decision Trees. Astrophysical Journal, Supplement Series, 2018, 236, 14.	7.7	16
112	Nearâ€Earth Solar Wind Forecasting Using Corotation From L5: The Error Introduced By Heliographic Latitude Offset. Space Weather, 2019, 17, 1105-1113.	3.7	16
113	Ulysses solar wind plasma observations at high latitudes. Advances in Space Research, 1997, 20, 15-22.	2.6	15
114	Energetic Proton Propagation and Acceleration Simulated for the Bastille Day Event of 2000 July 14. Astrophysical Journal, 2021, 909, 160.	4.5	15
115	Improving Solar Wind Forecasting Using Data Assimilation. Space Weather, 2021, 19, e2020SW002698.	3.7	15
116	Interplanetary observations of solarg-mode oscillations?. Geophysical Research Letters, 1996, 23, 1541-1544.	4.0	14
117	On the relationship between coronal heating, magnetic flux, and the density of the solar wind. Journal of Geophysical Research, 2010, 115, .	3.3	13
118	Modeling interplanetary coronal mass ejections. Advances in Space Research, 2006, 38, 535-546.	2.6	12
119	Interpreting some properties of CIRs and their associated shocks during the last two solar minima using global MHD simulations. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 83, 11-21.	1.6	12
120	On the Sources and Sizes of Uncertainty in Predicting the Arrival Time of Interplanetary Coronal Mass Ejections Using Global MHD Models. Space Weather, 2021, 19, e2021SW002775.	3.7	12
121	The solar wind at solar maximum: comparisons of EISCAT IPS and in situ observations. Annales Geophysicae, 2002, 20, 1291-1309.	1.6	12
122	Constraining Global Coronal Models with Multiple Independent Observables. Astrophysical Journal, 2022, 932, 135.	4.5	12
123	MHD Modeling of the Solar Corona and Inner Heliosphere: Comparison with Observations. Geophysical Monograph Series, 2013, , 159-167.	0.1	11
124	3D ELECTRON DENSITY DISTRIBUTIONS IN THE SOLAR CORONA DURING SOLAR MINIMA: ASSESSMENT FOR MORE REALISTIC SOLAR WIND MODELING. Astrophysical Journal, 2015, 814, 68.	4.5	11
125	Quantifying the latitudinal representivity of in situ solar wind observations. Journal of Space Weather and Space Climate, 2020, 10, 8.	3.3	11
126	Interpretation of the crossâ€correlation function of ACE and STEREO solar wind velocities using a global MHD Model. Journal of Geophysical Research, 2010, 115, .	3.3	10

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127	Magnetohydrodynamic Modeling of Interplanetary CMEs. IEEE Transactions on Plasma Science, 2004, 32, 1415-1424.	1.3	8
128	Largeâ€Scale Coronal Density and Abundance Structures and Their Association with Magnetic Field Structure. Astrophysical Journal, 2008, 683, 1168-1179.	4.5	8
129	Early Characterization of the Severity and Transmissibility of Pandemic Influenza Using Clinical Episode Data from Multiple Populations. PLoS Computational Biology, 2015, 11, e1004392.	3.2	8
130	Study of Corotating Interaction Regions in the Ascending Phase of the Solar Cycle: Multi-spacecraft Observations. Solar Physics, 2013, 285, 201-216.	2.5	7
131	Statistics of Extreme Space Weather Events. , 2018, , 115-138.		7
132	Using a Heliospheric Upwinding eXtrapolation Technique to Magnetically Connect Different Regions of the Heliosphere. Frontiers in Physics, 2021, 9, .	2.1	7
133	Unifying the validation of ambient solar wind models. Advances in Space Research, 2023, 72, 5275-5286.	2.6	7
134	Coronal and heliospheric modeling using flux-evolved maps. AIP Conference Proceedings, 2013, , .	0.4	6
135	The challenge in making models of fast CMEs. AIP Conference Proceedings, 2013, , .	0.4	6
136	Intra-Weekly Variations of Influenza-Like Illness in Military Populations. Military Medicine, 2016, 181, 364-368.	0.8	6
137	The Gradâ€"Shafranov Reconstruction of Toroidal Magnetic Flux Ropes: First Applications. Solar Physics, 2017, 292, 1.	2.5	6
138	Validation of MHD Model Predictions of the Corona with LASCO-C2 Polarized Brightness Images. Solar Physics, 2019, 294, 1.	2.5	6
139	Quantifying the Uncertainty in CME Kinematics Derived From Geometric Modeling of Heliospheric Imager Data. Space Weather, 2022, 20, .	3.7	6
140	Broken Power-law Distributions from Low Coronal Compression Regions or Shocks. Journal of Physics: Conference Series, 2015, 642, 012025.	0.4	5
141	MHD simulation of the Bastille day event. AIP Conference Proceedings, 2016, , .	0.4	5
142	Accurate influenza forecasts using type-specific incidence data for small geographic units. PLoS Computational Biology, 2021, 17, e1009230.	3.2	5
143	Ensemble modeling of the ambient solar wind. AIP Conference Proceedings, 2013, , .	0.4	4
144	Development of a Deep Learning Model for Inversion of Rotational Coronagraphic Images Into 3D Electron Density. Astrophysical Journal Letters, 2021, 920, L30.	8.3	4

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145	Theoretical Refinements to the Heliospheric Upwind eXtrapolation Technique and Application to in-situ Measurements. Frontiers in Astronomy and Space Sciences, 2022, 8, .	2.8	4
146	COVID-19 deaths: Which explanatory variables matter the most?. PLoS ONE, 2022, 17, e0266330.	2.5	4
147	Rate of Change of Large-Scale Solar-Wind Structure. Solar Physics, 2022, 297, .	2.5	4
148	Global MHD Modeling of the Solar Corona and Inner Heliosphere for the Whole Heliosphere Interval. Proceedings of the International Astronomical Union, 2009, 5, 491-493.	0.0	3
149	The Three-Dimensional Structure of the Inner Heliosphere. AIP Conference Proceedings, 2010, , .	0.4	3
150	Interplanetary conditions: lessons from this minimum. Proceedings of the International Astronomical Union, 2011, 7, 168-178.	0.0	3
151	A data-driven analysis of interplanetary coronal mass ejecta and magnetic flux ropes. , 2016, , .		3
152	The Role of Empirical Space-Weather Models (in a World of Physics-Based Numerical Simulations). Proceedings of the International Astronomical Union, 2017, 13, 254-257.	0.0	3
153	Towards Construction of a Solar Wind â€œReanalysisâ€•Dataset: Application to the First Perihelion Pass of Parker Solar Probe. Solar Physics, 2019, 294, 1.	2.5	3
154	COVID-19: On the Disparity in Outcomes Between Military and Civilian Populations. Military Medicine, 2023, 188, 311-315.	0.8	3
155	Quantifying the effect of ICME removal and observation age for in situ solar wind data assimilation. Space Weather, 0, , .	3.7	3
156	Derivation of fluid conservation relations to infer nearâ€Sun properties of coronal mass ejections from in situ measurements. Journal of Geophysical Research, 2009, 114, .	3.3	2
157	Modeling the global structure of the heliosphere during the recent solar minimum: Model improvements and unipolar streamers. , 2012, , .		2
158	PIV wave propagation investigation of non-linear losses through 90 degree bends in a thermoacoustic engine's feedback loop. , 2012, , .		2
159	Long-term variations in the heliosphere. Proceedings of the International Astronomical Union, 2018, 13, 108-114.	0.0	2
160	Development of a formalism for computing in situ transits of Earth-directed CMEs â€" Part 2: Towards a forecasting tool. Annales Geophysicae, 2020, 38, 657-681.	1.6	2
161	Carrington Class Solar Events and How to Recognize Them. Proceedings of the International Astronomical Union, 2016, 12, 204-210.	0.0	1
162	The State of the Solar Wind, Magnetosphere, and Ionosphere During the Maunder Minimum. Proceedings of the International Astronomical Union, 2018, 13, 247-250.	0.0	1

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163	Origins of the Ambient Solar Wind: Implications for Space Weather. Space Sciences Series of ISSI, 2017, , 41-80.	0.0	1
164	Extreme Space Weather Events: From Cradle to Grave. Space Sciences Series of ISSI, 2017, , 489-512.	0.0	1
165	Evidence From Galactic Cosmic Rays That the Sun Has Likely Entered a Secular Minimum in Solar Activity. Space Weather, 2022, 20, .	3.7	1
166	Large scale solar wind structure: Non-dipolar features and consequences. , 2013, , .		0
167	Solar Sources of Interplanetary Magnetic Clouds Leading to Helicity Prediction. Space Weather, 2018, 16, 1668-1685.	3.7	0
168	Coronal Magnetic Field Models. Space Sciences Series of ISSI, 2015, , 249-274.	0.0	0
169	The Physical Processes of CME/ICME Evolution. Space Sciences Series of ISSI, 2017, , 165-225.	0.0	0
170	Particle Radiation Sources, Propagation and Interactions in Deep Space, at Earth, the Moon, Mars, and Beyond: Examples of Radiation Interactions and Effects. Space Sciences Series of ISSI, 2017, , 257-294.	0.0	0