Harry P Warren

List of Publications by Year
in descending order

111 papers	4,704 citations	71102 41 h-index	110387 64 g-index
112 all docs	112 docs citations	112 times ranked	1665 citing authors

#	Article	IF	Citations
1	A SYSTEMATIC SURVEY OF HIGH-TEMPERATURE EMISSION IN SOLAR ACTIVE REGIONS. Astrophysical Journal, 2012, 759, 141.	4.5	158
2	Transition Region and Coronal Explorerand Soft Xâ€Ray Telescope Active Region Loop Observations: Comparisons with Static Solutions of the Hydrodynamic Equations. Astrophysical Journal, 2003, 587, 439-449.	4.5	128
3	Steady Flows Detected in Extreme-Ultraviolet Loops. Astrophysical Journal, 2002, 567, L89-L92.	4.5	125
4	Evolving Active Region Loops Observed with theTransition Region and Coronal explorer. II. Timeâ€dependent Hydrodynamic Simulations. Astrophysical Journal, 2003, 593, 1174-1186.	4.5	120
5	Full-Sun observations for identifying the source of the slow solar wind. Nature Communications, 2015, 6, 5947.	12.8	115
6	Hydrodynamic Modeling of Active Region Loops. Astrophysical Journal, 2002, 579, L41-L44.	4.5	113
7	Spectroscopic Observations of Current Sheet Formation and Evolution. Astrophysical Journal, 2018, 854, 122.	4.5	112
8	ESTABLISHING A CONNECTION BETWEEN ACTIVE REGION OUTFLOWS AND THE SOLAR WIND: ABUNDANCE MEASUREMENTS WITH EIS/ HINODE. Astrophysical Journal Letters, 2011, 727, L13.	8.3	109
9	Global Energetics of Solar Flares. V. Energy Closure in Flares and Coronal Mass Ejections. Astrophysical Journal, 2017, 836, 17.	4.5	107
10	Evolving Active Region Loops Observed with theTransition Region and Coronal Explorer. I. Observations. Astrophysical Journal, 2003, 593, 1164-1173.	4.5	102
11	ACTIVE REGION TRANSITION REGION LOOP POPULATIONS AND THEIR RELATIONSHIP TO THE CORONA. Astrophysical Journal, 2009, 695, 642-651.	4.5	100
12	CONSTRAINTS ON THE HEATING OF HIGH-TEMPERATURE ACTIVE REGION LOOPS: OBSERVATIONS FROMHINODEAND THESOLAR DYNAMICS OBSERVATORY. Astrophysical Journal, 2011, 734, 90.	4.5	100
13	USING A DIFFERENTIAL EMISSION MEASURE AND DENSITY MEASUREMENTS IN AN ACTIVE REGION CORE TO TEST A STEADY HEATING MODEL. Astrophysical Journal, 2011, 740, 2.	4.5	99
14	The Magnetic Topology of Coronal Mass Ejection Sources. Astrophysical Journal, 2007, 662, 1293-1301.	4.5	91
15	Observations of Active Region Loops with the EUV Imaging Spectrometer on Hinode. Astrophysical Journal, 2008, 686, L131-L134.	4.5	90
16	Multithread Hydrodynamic Modeling of a Solar Flare. Astrophysical Journal, 2006, 637, 522-530.	4.5	89
17	HIGH SPATIAL RESOLUTION OBSERVATIONS OF LOOPS IN THE SOLAR CORONA. Astrophysical Journal Letters, 2013, 772, L19.	8.3	89
18	SOLAR CORONAL LOOPS RESOLVED BY HINODE AND THE SOLAR DYNAMICS OBSERVATORY. Astrophysical Journal Letters, 2012, 755, L33.	8.3	80

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19	Photometric and Thermal Cross-calibration of Solar EUV Instruments. Solar Physics, 2014, 289, 2377-2397.	2.5	79
20	Cooling Active Region Loops Observed with SXT andTRACE. Astrophysical Journal, 2005, 626, 543-550.	4.5	71
21	Achievements of Hinode in the first eleven years. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	69
22	Hydrostatic Modeling of the Integrated Soft Xâ€Ray and Extreme Ultraviolet Emission in Solar Active Regions. Astrophysical Journal, 2006, 645, 711-719.	4.5	66
23	EVIDENCE FOR STEADY HEATING: OBSERVATIONS OF AN ACTIVE REGION CORE WITHHINODEANDTRACE. Astrophysical Journal, 2010, 711, 228-238.	4.5	64
24	THE ABSOLUTE CALIBRATION OF THE EUV IMAGING SPECTROMETER ON HINODE. Astrophysical Journal, Supplement Series, 2014, 213, 11.	7.7	64
25	A Solar Minimum Irradiance Spectrum for Wavelengths below 1200 A. Astrophysical Journal, Supplement Series, 2005, 157, 147-173.	7.7	61
26	GLOBAL ENERGETICS OF SOLAR FLARES. II. THERMAL ENERGIES. Astrophysical Journal, 2015, 802, 53.	4.5	61
27	An Investigation into the Variability of Heating in a Solar Active Region. Astrophysical Journal, 2006, 643, 1245-1257.	4.5	60
28	THE TEMPERATURE AND DENSITY STRUCTURE OF THE SOLAR CORONA. I. OBSERVATIONS OF THE QUIET SUN WITH THE EUV IMAGING SPECTROMETER ONHINODE. Astrophysical Journal, 2009, 700, 762-773.	4.5	60
29	THE TEMPERATURE DEPENDENCE OF SOLAR ACTIVE REGION OUTFLOWS. Astrophysical Journal, 2011, 727, 58.	4.5	60
30	Modeling the Cooling of Postflare Loops. Astrophysical Journal, 2002, 578, 590-597.	4.5	60
31	MEASUREMENTS OF ABSOLUTE ABUNDANCES IN SOLAR FLARES. Astrophysical Journal Letters, 2014, 786, L2.	8.3	58
32	Reconciling Hydrodynamic Simulations with Spectroscopic Observations of Solar Flares. Astrophysical Journal, 2005, 618, L157-L160.	4.5	56
33	DEFINING THE â€œBLIND SPOTâ€•OF HINODE EIS AND XRT TEMPERATURE MEASUREMENTS. Astrophysical Journal Letters, 2012, 746, L17.	8.3	56
34	MEASUREMENTS OF NON-THERMAL LINE WIDTHS IN SOLAR ACTIVE REGIONS. Astrophysical Journal, 2016, 820, 63.	4.5	54
35	HINODE/EXTREME-ULTRAVIOLET IMAGING SPECTROMETER OBSERVATIONS OF THE TEMPERATURE STRUCTURE OF THE QUIET CORONA. Astrophysical Journal, 2009, 705, 1522-1532.	4.5	52
36	Velocity Structure of Jets in a Coronal Hole. Publication of the Astronomical Society of Japan, 2007, 59, S757-S762.	2.5	51

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37	Static and Dynamic Modeling of a Solar Active Region. Astrophysical Journal, 2007, 666, 1245-1255.	4.5	50
38	THE CORONAL SOURCE OF EXTREME-ULTRAVIOLET LINE PROFILE ASYMMETRIES IN SOLAR ACTIVE REGION OUTFLOWS. Astrophysical Journal Letters, 2012, 760, L5.	8.3	47
39	NEW OBSERVATIONS OF THE SOLAR 0.5â€“5 KEV SOFT X-RAY SPECTRUM. Astrophysical Journal Letters, 2015, 802, L2.	8.3	47
40	FLOWS AND MOTIONS IN MOSS IN THE CORE OF A FLARING ACTIVE REGION: EVIDENCE FOR STEADY HEATING. Astrophysical Journal, 2009, 703, L10-L13.	4.5	44
41	The High-Resolution Coronal Imager, Flight 2.1. Solar Physics, 2019, 294, 1.	2.5	44
42	TEMPORAL VARIABILITY OF ACTIVE REGION OUTFLOWS. Astrophysical Journal, 2011, 730, 37.	4.5	41
43	Observation and Modeling of Coronal â€œMossâ€•With the EUV Imaging Spectrometer onHinode. Astrophysical Journal, 2008, 677, 1395-1400.	4.5	40
44	Is the High-Resolution Coronal Imager Resolving Coronal Strands? Results from AR 12712. Astrophysical Journal, 2020, 892, 134.	4.5	40
45	A Chandra/LETGS Survey of Main-sequence Stars. Astrophysical Journal, 2018, 862, 66.	4.5	39
46	Fine-scale Explosive Energy Release at Sites of Prospective Magnetic Flux Cancellation in the Core of the Solar Active Region Observed by Hi-C 2.1, IRIS, and SDO. Astrophysical Journal, 2019, 887, 56.	4.5	39
47	PLASMA DYNAMICS ABOVE SOLAR FLARE SOFT X-RAY LOOP TOPS. Astrophysical Journal, 2014, 788, 26.	4.5	38
48	Modeling Xâ€Ray Loops and EUV â€œMossâ€•in an Active Region Core. Astrophysical Journal, 2008, 676, 672-679.	4.5	37
49	HOT PLASMA IN NONFLARING ACTIVE REGIONS OBSERVED BY THE EXTREME-ULTRAVIOLET IMAGING SPECTROMETER ONHINODE. Astrophysical Journal, 2009, 697, 1956-1970.	4.5	37
50	OBSERVATIONS OF THERMAL FLARE PLASMA WITH THE EUV VARIABILITY EXPERIMENT. Astrophysical Journal, 2013, 770, 116.	4.5	35
51	DETERMINING HEATING TIMESCALES IN SOLAR ACTIVE REGION CORES FROM AIA/SDOFe XVIII IMAGES. Astrophysical Journal, 2014, 783, 12.	4.5	35
52	TRANSITION REGION AND CHROMOSPHERIC SIGNATURES OF IMPULSIVE HEATING EVENTS. I. OBSERVATIONS. Astrophysical Journal, 2016, 829, 35.	4.5	35
53	MAGNETIC FLUX TRANSPORT AND THE LONG-TERM EVOLUTION OF SOLAR ACTIVE REGIONS. Astrophysical Journal, 2015, 815, 90.	4.5	34
54	The Intercalibration of SOHO EIT, CDSâ€NIS, and TRACE. Astrophysical Journal, Supplement Series, 2006, 164, 202-214.	7.7	33

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55	Thermal and Nonthermal Emission in Solar Flares. Astrophysical Journal, 2004, 611, L49-L52.	4.5	32
56	Can TRACE Extreme-Ultraviolet Observations of Cooling Coronal Loops Be Used to Determine the Heating Parameters?. Astrophysical Journal, 2004, 610, L129-L132.	4.5	32
57	DETERMINING THE STRUCTURE OF SOLAR CORONAL LOOPS USING THEIR EVOLUTION. Astrophysical Journal, 2011, 733, 59.	4.5	32
58	SPECTROSCOPIC OBSERVATIONS OF Fe XVIII IN SOLAR ACTIVE REGIONS. Astrophysical Journal Letters, 2012, 754, L40.	8.3	32
59	CONSTRAINING SOLAR FLARE DIFFERENTIAL EMISSION MEASURES WITH EVE AND RHESSI. Astrophysical Journal Letters, 2014, 788, L31.	8.3	31
60	Benchmark Test of Differential Emission Measure Codes and Multi-thermal Energies in Solar Active Regions. Solar Physics, 2015, 290, 2733-2763.	2.5	31
61	Hi-C 2.1 Observations of Jetlet-like Events at Edges of Solar Magnetic Network Lanes. Astrophysical Journal Letters, 2019, 887, L8.	8.3	30
62	THE MYSTERIOUS CASE OF THE SOLAR ARGON ABUNDANCE NEAR SUNSPOTS IN FLARES. Astrophysical Journal, 2016, 825, 36.	4.5	29
63	TRANSITION REGION AND CHROMOSPHERIC SIGNATURES OF IMPULSIVE HEATING EVENTS. II. MODELING. Astrophysical Journal, 2016, 827, 145.	4.5	29
64	A Solar cycle correlation of coronal element abundances in Sun-as-a-star observations. Nature Communications, 2017, 8, 183.	12.8	28
65	Theoretical Predictions of Xâ€Ray and Extremeâ€UV Flare Emissions Using a Lossâ€ofâ€Equilibrium Model of Solar Eruptions. Astrophysical Journal, 2007, 668, 1210-1220.	4.5	27
66	IS ACTIVE REGION CORE VARIABILITY AGE DEPENDENT?. Astrophysical Journal, 2012, 761, 21.	4.5	27
67	LEMUR: Large European module for solar Ultraviolet Research. Experimental Astronomy, 2012, 34, 273-309.	3.7	25
68	Plasma Evolution within an Erupting Coronal Cavity. Astrophysical Journal, 2018, 855, 74.	4.5	25
69	PROPERTIES AND MODELING OF UNRESOLVED FINE STRUCTURE LOOPS OBSERVED IN THE SOLAR TRANSITION REGION BY IRIS. Astrophysical Journal Letters, 2016, 826, L18.	8.3	24
70	The Duration of Energy Deposition on Unresolved Flaring Loops in the Solar Corona. Astrophysical Journal, 2018, 856, 149.	4.5	23
71	Coronal Elemental Abundances in Solar Emerging Flux Regions. Astrophysical Journal, 2018, 856, 71.	4.5	23
72	Efficient Calculation of Non-local Thermodynamic Equilibrium Effects in Multithreaded Hydrodynamic Simulations of Solar Flares. Astrophysical Journal, 2019, 871, 18.	4.5	23

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73	MinXSS-2 CubeSat mission overview: Improvements from the successful MinXSS-1 mission. Advances in Space Research, 2020, 66, 3-9.	2.6	22
74	TRANSITION REGION ABUNDANCE MEASUREMENTS DURING IMPULSIVE HEATING EVENTS. Astrophysical Journal, 2016, 824, 56.	4.5	22
75	The Temperature and Density Structure of an Active Region Observed with the Extreme-Ultraviolet Imaging Spectrometer on Hinode. Publication of the Astronomical Society of Japan, 2007, 59, S707-S712.	2.5	21
76	MODELING EVOLVING CORONAL LOOPS WITH OBSERVATIONS FROMSTEREO,HINODE, ANDTRACE. Astrophysical Journal, 2010, 713, 1095-1107.	4.5	21
77	CAN A LONG NANOFLARE STORM EXPLAIN THE OBSERVED EMISSION MEASURE DISTRIBUTIONS IN ACTIVE REGION CORES?. Astrophysical Journal Letters, 2011, 742, L6.	8.3	21
78	The Drivers of Active Region Outflows into the Slow Solar Wind. Astrophysical Journal, 2020, 894, 144.	4.5	19
79	CONVERGING SUPERGRANULAR FLOWS AND THE FORMATION OF CORONAL PLUMES. Astrophysical Journal, 2016, 818, 203.	4.5	18
80	Photospheric and Coronal Abundances in an X8.3 Class Limb Flare. Astrophysical Journal, 2018, 853, 178.	4.5	18
81	Sunspots, Starspots, and Elemental Abundances. Astrophysical Journal, 2017, 844, 52.	4.5	17
82	Incorporating Uncertainties in Atomic Data into the Analysis of Solar and Stellar Observations:ÂA Case Study in Fe xiii. Astrophysical Journal, 2018, 866, 146.	4.5	17
83	Measurements of Coronal Magnetic Field Strengths in Solar Active Region Loops. Astrophysical Journal Letters, 2021, 915, L24.	8.3	17
84	On Connecting the Dynamics of the Chromosphere and Transition Region with Hinode SOT and EIS. Publication of the Astronomical Society of Japan, 2007, 59, S699-S706.	2.5	16
85	NRLEUV 2: A new model of solar EUV irradiance variability. Advances in Space Research, 2006, 37, 359-365.	2.6	15
86	Linear forecasting of the F_{10.7} proxy for solar activity. Space Weather, 2017, 15, 1039-1051.	3.7	15
87	The Magnetic Properties of Heating Events on High-temperature Active-region Loops. Astrophysical Journal, 2019, 877, 129.	4.5	15
88	CORRELATION OF CORONAL PLASMA PROPERTIES AND SOLAR MAGNETIC FIELD IN A DECAYING ACTIVE REGION. Astrophysical Journal, 2016, 826, 126.	4.5	14
89	Toward a Quantitative Comparison of Magnetic Field Extrapolations and Observed Coronal Loops. Astrophysical Journal, 2018, 860, 46.	4.5	14
90	THE ELECTRON DENSITY IN EXPLOSIVE TRANSITION REGION EVENTS OBSERVED BY IRIS. Astrophysical Journal, 2016, 832, 77.	4.5	13

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91	Modeling Coronal Response in Decaying Active Regions with Magnetic Flux Transport and Steady Heating. Astrophysical Journal, 2017, 846, 165.	4.5	12
92	Constraining Global Coronal Models with Multiple Independent Observables. Astrophysical Journal, 2022, 932, 135.	4.5	12
93	The Variability of Solar Coronal Abundances in Active Regions and the Quiet Sun. Astrophysical Journal, 2019, 884, 158.	4.5	11
94	Solar Active Region Heating Diagnostics from High-temperature Emission Using the MaGIXS. Astrophysical Journal, 2019, 884, 24.	4.5	11
95	Measuring Velocities in the Early Stage of an Eruption: Using â€œOverlappogramâ€•Data from Hinode EIS. Astrophysical Journal, 2017, 842, 58.	4.5	10
96	Observation and Modeling of High-temperature Solar Active Region Emission during the High-resolution Coronal Imager Flight of 2018 May 29. Astrophysical Journal, 2020, 896, 51.	4.5	10
97	USING RUNNING DIFFERENCE IMAGES TO TRACK PROPER MOTIONS OF XUV CORONAL INTENSITY ON THE SUN. Astrophysical Journal, 2014, 797, 131.	4.5	9
98	The Multi-instrument (EVE-RHESSI) DEM for Solar Flares, and Implications for Nonthermal Emission. Astrophysical Journal, 2019, 881, 161.	4.5	9
99	Sparse Bayesian Inference and the Temperature Structure of the Solar Corona. Astrophysical Journal, 2017, 836, 215.	4.5	8
100	The Formation and Lifetime of Outflows in a Solar Active Region. Astrophysical Journal, 2021, 917, 25.	4.5	8
101	Simulating Solar Flare Irradiance with Multithreaded Models of Flare Arcades. Astrophysical Journal, 2020, 895, 30.	4.5	7
102	Solar Flare Irradiance: Observations and Physical Modeling. Astrophysical Journal, 2022, 927, 103.	4.5	7
103	Tracking the Magnetic Flux in and Around Sunspots. Astrophysical Journal, 2017, 836, 144.	4.5	6
104	Parallel Plasma Loops and the Energization of the Solar Corona. Astrophysical Journal, 2022, 933, 153.	4.5	5
105	Global Energetics of Solar Flares and Coronal Mass Ejections. Journal of Physics: Conference Series, 2019, 1332, 012002.	0.4	4
106	Geometric Assumptions in Hydrodynamic Modeling of Coronal and Flaring Loops. Astrophysical Journal, 2022, 933, 106.	4.5	4
107	Solar Cycle Observations of the Neon Abundance in the Sun-as-a-star. Astrophysical Journal, 2018, 861, 42.	4.5	2
108	Comprehensive Determination of the Hinode/EIS Roll Angle. Solar Physics, 2019, 294, 1.	2.5	2

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109	A Multicomponent Magnetic Proxy for Solar Activity. Space Weather, 2021, 19, e2021SW002860.	3.7	2
110	Detection of Stellar-like Abundance Anomalies in the Slow Solar Wind. Astrophysical Journal Letters, 2022, 930, L10.	8.3	2
111	On the Synthesis of GOES Light Curves from Numerical Models. Research Notes of the AAS, 2018, 2, 48.	0.7	1