

Harry P Warren

List of Publications by Year in descending order

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111
papers

4,704
citations

71102

41
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110387

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112
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112
times ranked

1665
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar Flare Irradiance: Observations and Physical Modeling. <i>Astrophysical Journal</i> , 2022, 927, 103.	4.5	7
2	Detection of Stellar-like Abundance Anomalies in the Slow Solar Wind. <i>Astrophysical Journal Letters</i> , 2022, 930, L10.	8.3	2
3	Constraining Global Coronal Models with Multiple Independent Observables. <i>Astrophysical Journal</i> , 2022, 932, 135.	4.5	12
4	Parallel Plasma Loops and the Energization of the Solar Corona. <i>Astrophysical Journal</i> , 2022, 933, 153.	4.5	5
5	Geometric Assumptions in Hydrodynamic Modeling of Coronal and Flaring Loops. <i>Astrophysical Journal</i> , 2022, 933, 106.	4.5	4
6	Measurements of Coronal Magnetic Field Strengths in Solar Active Region Loops. <i>Astrophysical Journal Letters</i> , 2021, 915, L24.	8.3	17
7	The Formation and Lifetime of Outflows in a Solar Active Region. <i>Astrophysical Journal</i> , 2021, 917, 25.	4.5	8
8	A Multicomponent Magnetic Proxy for Solar Activity. <i>Space Weather</i> , 2021, 19, e2021SW002860.	3.7	2
9	MinXSS-2 CubeSat mission overview: Improvements from the successful MinXSS-1 mission. <i>Advances in Space Research</i> , 2020, 66, 3-9.	2.6	22
10	Observation and Modeling of High-temperature Solar Active Region Emission during the High-resolution Coronal Imager Flight of 2018 May 29. <i>Astrophysical Journal</i> , 2020, 896, 51.	4.5	10
11	Is the High-Resolution Coronal Imager Resolving Coronal Strands? Results from AR 12712. <i>Astrophysical Journal</i> , 2020, 892, 134.	4.5	40
12	Simulating Solar Flare Irradiance with Multithreaded Models of Flare Arcades. <i>Astrophysical Journal</i> , 2020, 895, 30.	4.5	7
13	The Drivers of Active Region Outflows into the Slow Solar Wind. <i>Astrophysical Journal</i> , 2020, 894, 144.	4.5	19
14	Achievements of Hinode in the first eleven years. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	69
15	The Magnetic Properties of Heating Events on High-temperature Active-region Loops. <i>Astrophysical Journal</i> , 2019, 877, 129.	4.5	15
16	The Multi-instrument (EVE-RHESSI) DEM for Solar Flares, and Implications for Nonthermal Emission. <i>Astrophysical Journal</i> , 2019, 881, 161.	4.5	9
17	The Variability of Solar Coronal Abundances in Active Regions and the Quiet Sun. <i>Astrophysical Journal</i> , 2019, 884, 158.	4.5	11
18	Efficient Calculation of Non-local Thermodynamic Equilibrium Effects in Multithreaded Hydrodynamic Simulations of Solar Flares. <i>Astrophysical Journal</i> , 2019, 871, 18.	4.5	23

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19	Comprehensive Determination of the Hinode/EIS Roll Angle. <i>Solar Physics</i> , 2019, 294, 1.	2.5	2
20	Global Energetics of Solar Flares and Coronal Mass Ejections. <i>Journal of Physics: Conference Series</i> , 2019, 1332, 012002.	0.4	4
21	Hi-C 2.1 Observations of Jetlet-like Events at Edges of Solar Magnetic Network Lanes. <i>Astrophysical Journal Letters</i> , 2019, 887, L8.	8.3	30
22	Solar Active Region Heating Diagnostics from High-temperature Emission Using the MaGIXS. <i>Astrophysical Journal</i> , 2019, 884, 24.	4.5	11
23	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. <i>Astrophysical Journal</i> , 2019, 887, 56.	4.5	39
24	The High-Resolution Coronal Imager, Flight 2.1. <i>Solar Physics</i> , 2019, 294, 1.	2.5	44
25	Spectroscopic Observations of Current Sheet Formation and Evolution. <i>Astrophysical Journal</i> , 2018, 854, 122.	4.5	112
26	The Duration of Energy Deposition on Unresolved Flaring Loops in the Solar Corona. <i>Astrophysical Journal</i> , 2018, 856, 149.	4.5	23
27	Coronal Elemental Abundances in Solar Emerging Flux Regions. <i>Astrophysical Journal</i> , 2018, 856, 71.	4.5	23
28	Photospheric and Coronal Abundances in an X8.3 Class Limb Flare. <i>Astrophysical Journal</i> , 2018, 853, 178.	4.5	18
29	Incorporating Uncertainties in Atomic Data into the Analysis of Solar and Stellar Observations: A Case Study in Fe xiii. <i>Astrophysical Journal</i> , 2018, 866, 146.	4.5	17
30	A Chandra/LETGS Survey of Main-sequence Stars. <i>Astrophysical Journal</i> , 2018, 862, 66.	4.5	39
31	Toward a Quantitative Comparison of Magnetic Field Extrapolations and Observed Coronal Loops. <i>Astrophysical Journal</i> , 2018, 860, 46.	4.5	14
32	Plasma Evolution within an Erupting Coronal Cavity. <i>Astrophysical Journal</i> , 2018, 855, 74.	4.5	25
33	Solar Cycle Observations of the Neon Abundance in the Sun-as-a-star. <i>Astrophysical Journal</i> , 2018, 861, 42.	4.5	2
34	On the Synthesis of GOES Light Curves from Numerical Models. <i>Research Notes of the AAS</i> , 2018, 2, 48.	0.7	1
35	Sparse Bayesian Inference and the Temperature Structure of the Solar Corona. <i>Astrophysical Journal</i> , 2017, 836, 215.	4.5	8
36	Measuring Velocities in the Early Stage of an Eruption: Using “Overlappogram” Data from Hinode EIS. <i>Astrophysical Journal</i> , 2017, 842, 58.	4.5	10

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37	Sunspots, Starspots, and Elemental Abundances. <i>Astrophysical Journal</i> , 2017, 844, 52.	4.5	17
38	A Solar cycle correlation of coronal element abundances in Sun-as-a-star observations. <i>Nature Communications</i> , 2017, 8, 183.	12.8	28
39	Linear forecasting of the $F_{10.7}$ proxy for solar activity. <i>Space Weather</i> , 2017, 15, 1039-1051.	3.7	15
40	Modeling Coronal Response in Decaying Active Regions with Magnetic Flux Transport and Steady Heating. <i>Astrophysical Journal</i> , 2017, 846, 165.	4.5	12
41	Tracking the Magnetic Flux in and Around Sunspots. <i>Astrophysical Journal</i> , 2017, 836, 144.	4.5	6
42	Global Energetics of Solar Flares. V. Energy Closure in Flares and Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2017, 836, 17.	4.5	107
43	THE ELECTRON DENSITY IN EXPLOSIVE TRANSITION REGION EVENTS OBSERVED BY IRIS. <i>Astrophysical Journal</i> , 2016, 832, 77.	4.5	13
44	PROPERTIES AND MODELING OF UNRESOLVED FINE STRUCTURE LOOPS OBSERVED IN THE SOLAR TRANSITION REGION BY IRIS. <i>Astrophysical Journal Letters</i> , 2016, 826, L18.	8.3	24
45	TRANSITION REGION AND CHROMOSPHERIC SIGNATURES OF IMPULSIVE HEATING EVENTS. I. OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 829, 35.	4.5	35
46	THE MYSTERIOUS CASE OF THE SOLAR ARGON ABUNDANCE NEAR SUNSPOTS IN FLARES. <i>Astrophysical Journal</i> , 2016, 825, 36.	4.5	29
47	CORRELATION OF CORONAL PLASMA PROPERTIES AND SOLAR MAGNETIC FIELD IN A DECAYING ACTIVE REGION. <i>Astrophysical Journal</i> , 2016, 826, 126.	4.5	14
48	CONVERGING SUPERGRANULAR FLOWS AND THE FORMATION OF CORONAL PLUMES. <i>Astrophysical Journal</i> , 2016, 818, 203.	4.5	18
49	MEASUREMENTS OF NON-THERMAL LINE WIDTHS IN SOLAR ACTIVE REGIONS. <i>Astrophysical Journal</i> , 2016, 820, 63.	4.5	54
50	TRANSITION REGION ABUNDANCE MEASUREMENTS DURING IMPULSIVE HEATING EVENTS. <i>Astrophysical Journal</i> , 2016, 824, 56.	4.5	22
51	TRANSITION REGION AND CHROMOSPHERIC SIGNATURES OF IMPULSIVE HEATING EVENTS. II. MODELING. <i>Astrophysical Journal</i> , 2016, 827, 145.	4.5	29
52	NEW OBSERVATIONS OF THE SOLAR 0.5–5 KEV SOFT X-RAY SPECTRUM. <i>Astrophysical Journal Letters</i> , 2015, 802, L2.	8.3	47
53	Benchmark Test of Differential Emission Measure Codes and Multi-thermal Energies in Solar Active Regions. <i>Solar Physics</i> , 2015, 290, 2733-2763.	2.5	31
54	MAGNETIC FLUX TRANSPORT AND THE LONG-TERM EVOLUTION OF SOLAR ACTIVE REGIONS. <i>Astrophysical Journal</i> , 2015, 815, 90.	4.5	34

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55	Full-Sun observations for identifying the source of the slow solar wind. <i>Nature Communications</i> , 2015, 6, 5947.	12.8	115
56	GLOBAL ENERGETICS OF SOLAR FLARES. II. THERMAL ENERGIES. <i>Astrophysical Journal</i> , 2015, 802, 53.	4.5	61
57	THE ABSOLUTE CALIBRATION OF THE EUV IMAGING SPECTROMETER ON <i>Hinode</i> . <i>Astrophysical Journal</i> , Supplement Series, 2014, 213, 11.	7.7	64
58	DETERMINING HEATING TIMESCALES IN SOLAR ACTIVE REGION CORES FROM AIA/ <i>SDO</i> Fe XVIII IMAGES. <i>Astrophysical Journal</i> , 2014, 783, 12.	4.5	35
59	CONSTRAINING SOLAR FLARE DIFFERENTIAL EMISSION MEASURES WITH EVE AND <i>RHESSI</i> . <i>Astrophysical Journal Letters</i> , 2014, 788, L31.	8.3	31
60	PLASMA DYNAMICS ABOVE SOLAR FLARE SOFT X-RAY LOOP TOPS. <i>Astrophysical Journal</i> , 2014, 788, 26.	4.5	38
61	MEASUREMENTS OF ABSOLUTE ABUNDANCES IN SOLAR FLARES. <i>Astrophysical Journal Letters</i> , 2014, 786, L2.	8.3	58
62	USING RUNNING DIFFERENCE IMAGES TO TRACK PROPER MOTIONS OF XUV CORONAL INTENSITY ON THE SUN. <i>Astrophysical Journal</i> , 2014, 797, 131.	4.5	9
63	Photometric and Thermal Cross-calibration of Solar EUV Instruments. <i>Solar Physics</i> , 2014, 289, 2377-2397.	2.5	79
64	OBSERVATIONS OF THERMAL FLARE PLASMA WITH THE EUV VARIABILITY EXPERIMENT. <i>Astrophysical Journal</i> , 2013, 770, 116.	4.5	35
65	HIGH SPATIAL RESOLUTION OBSERVATIONS OF LOOPS IN THE SOLAR CORONA. <i>Astrophysical Journal Letters</i> , 2013, 772, L19.	8.3	89
66	A SYSTEMATIC SURVEY OF HIGH-TEMPERATURE EMISSION IN SOLAR ACTIVE REGIONS. <i>Astrophysical Journal</i> , 2012, 759, 141.	4.5	158
67	DEFINING THE "BLIND SPOT" OF <i>Hinode</i> EIS AND XRT TEMPERATURE MEASUREMENTS. <i>Astrophysical Journal Letters</i> , 2012, 746, L17.	8.3	56
68	IS ACTIVE REGION CORE VARIABILITY AGE DEPENDENT?. <i>Astrophysical Journal</i> , 2012, 761, 21.	4.5	27
69	LEMUR: Large European module for solar Ultraviolet Research. <i>Experimental Astronomy</i> , 2012, 34, 273-309.	3.7	25
70	THE CORONAL SOURCE OF EXTREME-ULTRAVIOLET LINE PROFILE ASYMMETRIES IN SOLAR ACTIVE REGION OUTFLOWS. <i>Astrophysical Journal Letters</i> , 2012, 760, L5.	8.3	47
71	SOLAR CORONAL LOOPS RESOLVED BY <i>Hinode</i> AND THE <i>Solar Dynamics Observatory</i> . <i>Astrophysical Journal Letters</i> , 2012, 755, L33.	8.3	80
72	SPECTROSCOPIC OBSERVATIONS OF Fe XVIII IN SOLAR ACTIVE REGIONS. <i>Astrophysical Journal Letters</i> , 2012, 754, L40.	8.3	32

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73	DETERMINING THE STRUCTURE OF SOLAR CORONAL LOOPS USING THEIR EVOLUTION. <i>Astrophysical Journal</i> , 2011, 733, 59.	4.5	32
74	USING A DIFFERENTIAL EMISSION MEASURE AND DENSITY MEASUREMENTS IN AN ACTIVE REGION CORE TO TEST A STEADY HEATING MODEL. <i>Astrophysical Journal</i> , 2011, 740, 2.	4.5	99
75	CAN A LONG NANOFIARE STORM EXPLAIN THE OBSERVED EMISSION MEASURE DISTRIBUTIONS IN ACTIVE REGION CORES?. <i>Astrophysical Journal Letters</i> , 2011, 742, L6.	8.3	21
76	TEMPORAL VARIABILITY OF ACTIVE REGION OUTFLOWS. <i>Astrophysical Journal</i> , 2011, 730, 37.	4.5	41
77	THE TEMPERATURE DEPENDENCE OF SOLAR ACTIVE REGION OUTFLOWS. <i>Astrophysical Journal</i> , 2011, 727, 58.	4.5	60
78	ESTABLISHING A CONNECTION BETWEEN ACTIVE REGION OUTFLOWS AND THE SOLAR WIND: ABUNDANCE MEASUREMENTS WITH EIS/ <i>Hinode</i> . <i>Astrophysical Journal Letters</i> , 2011, 727, L13.	8.3	109
79	CONSTRAINTS ON THE HEATING OF HIGH-TEMPERATURE ACTIVE REGION LOOPS: OBSERVATIONS FROM <i>Hinode</i> AND THE <i>Solar Dynamics Observatory</i> . <i>Astrophysical Journal</i> , 2011, 734, 90.	4.5	100
80	MODELING EVOLVING CORONAL LOOPS WITH OBSERVATIONS FROM <i>StereO</i> , <i>Hinode</i> , AND <i>TRACE</i> . <i>Astrophysical Journal</i> , 2010, 713, 1095-1107.	4.5	21
81	EVIDENCE FOR STEADY HEATING: OBSERVATIONS OF AN ACTIVE REGION CORE WITH <i>Hinode</i> AND <i>TRACE</i> . <i>Astrophysical Journal</i> , 2010, 711, 228-238.	4.5	64
82	FLOWS AND MOTIONS IN MOSS IN THE CORE OF A FLARING ACTIVE REGION: EVIDENCE FOR STEADY HEATING. <i>Astrophysical Journal</i> , 2009, 703, L10-L13.	4.5	44
83	HOT PLASMA IN NONFLARING ACTIVE REGIONS OBSERVED BY THE EXTREME-ULTRAVIOLET IMAGING SPECTROMETER ON <i>Hinode</i> . <i>Astrophysical Journal</i> , 2009, 697, 1956-1970.	4.5	37
84	ACTIVE REGION TRANSITION REGION LOOP POPULATIONS AND THEIR RELATIONSHIP TO THE CORONA. <i>Astrophysical Journal</i> , 2009, 695, 642-651.	4.5	100
85	<i>Hinode</i> /EXTREME-ULTRAVIOLET IMAGING SPECTROMETER OBSERVATIONS OF THE TEMPERATURE STRUCTURE OF THE QUIET CORONA. <i>Astrophysical Journal</i> , 2009, 705, 1522-1532.	4.5	52
86	THE TEMPERATURE AND DENSITY STRUCTURE OF THE SOLAR CORONA. I. OBSERVATIONS OF THE QUIET SUN WITH THE EUV IMAGING SPECTROMETER ON <i>Hinode</i> . <i>Astrophysical Journal</i> , 2009, 700, 762-773.	4.5	60
87	Modeling X-ray Loops and EUV <i>Moss</i> in an Active Region Core. <i>Astrophysical Journal</i> , 2008, 676, 672-679.	4.5	37
88	Observation and Modeling of Coronal <i>Moss</i> With the EUV Imaging Spectrometer on <i>Hinode</i> . <i>Astrophysical Journal</i> , 2008, 677, 1395-1400.	4.5	40
89	Observations of Active Region Loops with the EUV Imaging Spectrometer on <i>Hinode</i> . <i>Astrophysical Journal</i> , 2008, 686, L131-L134.	4.5	90
90	The Temperature and Density Structure of an Active Region Observed with the Extreme-Ultraviolet Imaging Spectrometer on <i>Hinode</i> . <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S707-S712.	2.5	21

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91	Velocity Structure of Jets in a Coronal Hole. Publication of the Astronomical Society of Japan, 2007, 59, S757-S762.	2.5	51
92	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
93	Static and Dynamic Modeling of a Solar Active Region. Astrophysical Journal, 2007, 666, 1245-1255.	4.5	50
94	Theoretical Predictions of X-Ray and Extreme-UV Flare Emissions Using a Loss-of-Equilibrium Model of Solar Eruptions. Astrophysical Journal, 2007, 668, 1210-1220.	4.5	27
95	The Magnetic Topology of Coronal Mass Ejection Sources. Astrophysical Journal, 2007, 662, 1293-1301.	4.5	91
96	Multithread Hydrodynamic Modeling of a Solar Flare. Astrophysical Journal, 2006, 637, 522-530.	4.5	89
97	An Investigation into the Variability of Heating in a Solar Active Region. Astrophysical Journal, 2006, 643, 1245-1257.	4.5	60
98	Hydrostatic Modeling of the Integrated Soft X-Ray and Extreme Ultraviolet Emission in Solar Active Regions. Astrophysical Journal, 2006, 645, 711-719.	4.5	66
99	The Intercalibration of SOHO EIT, CDS-NIS, and TRACE. Astrophysical Journal, Supplement Series, 2006, 164, 202-214.	7.7	33
100	NRLEUV 2: A new model of solar EUV irradiance variability. Advances in Space Research, 2006, 37, 359-365.	2.6	15
101	A Solar Minimum Irradiance Spectrum for Wavelengths below 1200 Å. Astrophysical Journal, Supplement Series, 2005, 157, 147-173.	7.7	61
102	Reconciling Hydrodynamic Simulations with Spectroscopic Observations of Solar Flares. Astrophysical Journal, 2005, 618, L157-L160.	4.5	56
103	Cooling Active Region Loops Observed with SXT and TRACE. Astrophysical Journal, 2005, 626, 543-550.	4.5	71
104	Thermal and Nonthermal Emission in Solar Flares. Astrophysical Journal, 2004, 611, L49-L52.	4.5	32
105	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
106	Evolving Active Region Loops Observed with the Transition Region and Coronal Explorer. II. Time-dependent Hydrodynamic Simulations. Astrophysical Journal, 2003, 593, 1174-1186.	4.5	120
107	Evolving Active Region Loops Observed with the Transition Region and Coronal Explorer. I. Observations. Astrophysical Journal, 2003, 593, 1164-1173.	4.5	102
108	Transition Region and Coronal Explorer and Soft X-Ray Telescope Active Region Loop Observations: Comparisons with Static Solutions of the Hydrodynamic Equations. Astrophysical Journal, 2003, 587, 439-449.	4.5	128

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109	Hydrodynamic Modeling of Active Region Loops. <i>Astrophysical Journal</i> , 2002, 579, L41-L44.	4.5	113
110	Steady Flows Detected in Extreme-Ultraviolet Loops. <i>Astrophysical Journal</i> , 2002, 567, L89-L92.	4.5	125
111	Modeling the Cooling of Postflare Loops. <i>Astrophysical Journal</i> , 2002, 578, 590-597.	4.5	60