

Thomas N Woods

List of Publications by Year in descending order

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185
papers

10,556
citations

30068

54
h-index

36025

97
g-index

198
all docs

198
docs citations

198
times ranked

4827
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous High Dynamic Range Algorithm, Testing, and Instrument Simulation. <i>Astrophysical Journal</i> , 2022, 924, 63.	4.5	3
2	Solar-Cycle Variability Results from the Solar Radiation and Climate Experiment (SORCE) Mission. <i>Solar Physics</i> , 2022, 297, 43.	2.5	14
3	SOLAR-STellar Irradiance Comparison Experiment II (SOLSTICE II): End-of-Mission Validation of the SOLSTICE Technique. <i>Solar Physics</i> , 2022, 297, 1.	2.5	9
4	Solar Radiation and Climate Experiment (SORCE) X-Ray Photometer System (XPS): Final Data-Processing Algorithms. <i>Solar Physics</i> , 2022, 297, .	2.5	6
5	Long-Term Trend Analysis in the Solar Radiation and Climate Experiment (SORCE)/Spectral Irradiance Monitor (SIM). <i>Solar Physics</i> , 2022, 297, .	2.5	6
6	Achievements and Lessons Learned From Successful Small Satellite Missions for Space Weatherâ€œOriented Research. <i>Space Weather</i> , 2022, 20, .	3.7	4
7	Study of Time Evolution of Thermal and Nonthermal Emission from an M-class Solar Flare. <i>Astrophysical Journal</i> , 2022, 933, 173.	4.5	3
8	A New Model for Ionospheric Total Electron Content: The Impact of Solar Flux Proxies and Indices. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028466.	2.4	8
9	The TSISâ€œ1 Hybrid Solar Reference Spectrum. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091709.	4.0	53
10	An Improved Solar Spectral Irradiance Composite Record. <i>Earth and Space Science</i> , 2021, 8, e2021EA001740.	2.6	10
11	Role Of the Sun and the Middle atmosphere/thermosphere/ionosphere In Climate (ROSMIC): a retrospective and prospective view. <i>Progress in Earth and Planetary Science</i> , 2021, 8, .	3.0	13
12	Overview of the Solar Radiation and Climate Experiment (SORCE) Seventeen-Year Mission. <i>Solar Physics</i> , 2021, 296, 127.	2.5	16
13	The INSPIRESat-1: Mission, science, and engineering. <i>Advances in Space Research</i> , 2021, 68, 2616-2630.	2.6	9
14	SunCET: The Sun Coronal Ejection Tracker Concept. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 20.	3.3	11
15	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
16	GOES-R Series Solar X-ray and Ultraviolet Irradiance. , 2020, , 233-242.		5
17	The Flare Irradiance Spectral Modelâ€œVersion 2 (FISM2). <i>Space Weather</i> , 2020, 18, e2020SW002588.	3.7	50
18	Intercomparing Solar Spectral Irradiance From SORCE SIM. <i>Earth and Space Science</i> , 2020, 7, e2019EA001002.	2.6	7

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19	SI-traceable Spectral Irradiance Radiometric Characterization and Absolute Calibration of the TSIS-1 Spectral Irradiance Monitor (SIM). Remote Sensing, 2020, 12, 1818.	4.0	27
20	Initial Observations by the GOLD Mission. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027823.	2.4	80
21	Soft X-Ray Observations of Quiescent Solar Active Regions Using the Novel Dual-zone Aperture X-Ray Solar Spectrometer. Astrophysical Journal, 2020, 904, 20.	4.5	12
22	The SDO/EVE Solar Irradiance Coronal Dimming Index Catalog. I. Methods and Algorithms. Astrophysical Journal, Supplement Series, 2019, 244, 13.	7.7	9
23	Improved Aura/OMI Solar Spectral Irradiances: Comparisons With Independent Data Sets and Model Predictions. Earth and Space Science, 2019, 6, 2379-2396.	2.6	13
24	An Improved Lyman- α Composite. Earth and Space Science, 2019, 6, 2263-2272.	2.6	56
25	A Revised Magnesium II Core-to-Wing Ratio From SORCE SOLSTICE. Earth and Space Science, 2019, 6, 2106-2114.	2.6	13
26	The GOES-R EUVS model for EUV irradiance variability. Journal of Space Weather and Space Climate, 2019, 9, A43.	3.3	14
27	The compact spectral irradiance monitor flight demonstration mission. , 2019, , .		17
28	The Instruments and Capabilities of the Miniature X-Ray Solar Spectrometer (MinXSS) CubeSats. Solar Physics, 2018, 293, 21.	2.5	45
29	Decoupling Solar Variability and Instrument Trends Using the Multiple Same-Irradiance-Level (MuSIL) Analysis Technique. Solar Physics, 2018, 293, 76.	2.5	43
30	CubeSat On-Orbit Temperature Comparison to Thermal-Balance-Tuned-Model Predictions. Journal of Thermophysics and Heat Transfer, 2018, 32, 237-255.	1.6	17
31	Magnesium II Index measurements from SORCE SOLSTICE and GOES-16 EUVS. Proceedings of the International Astronomical Union, 2018, 13, 167-168.	0.0	1
32	Revision of the Sun's Spectral Irradiance as Measured by SORCE SIM. Solar Physics, 2018, 293, 1.	2.5	18
33	Ultraviolet Solar Spectral Irradiance Variation on Solar Cycle Timescales. Proceedings of the International Astronomical Union, 2018, 13, 203-208.	0.0	3
34	Solar Ultraviolet Irradiance Observations of the Solar Flares During the Intense September 2017 Storm Period. Space Weather, 2018, 16, 1470-1487.	3.7	34
35	Effects of the September 2005 Solar Flares and Solar Proton Events on the Middle Atmosphere in WACCM. Journal of Geophysical Research: Space Physics, 2018, 123, 5747-5763.	2.4	19
36	FIVE YEARS OF SYNTHESIS OF SOLAR SPECTRAL IRRADIANCE FROM SDID/SISA AND SDO/AIA IMAGES. Astrophysical Journal, 2017, 834, 54.	4.5	10

#	ARTICLE	IF	CITATIONS
37	New Solar Irradiance Measurements from the Miniature X-Ray Solar Spectrometer Cubesat. Astrophysical Journal, 2017, 835, 122.	4.5	37
38	The MAVEN EUVM model of solar spectral irradiance variability at Mars: Algorithms and results. Journal of Geophysical Research: Space Physics, 2017, 122, 2748-2767.	2.4	116
39	The Global-Scale Observations of the Limb and Disk (GOLD) Mission. Space Science Reviews, 2017, 212, 383-408.	8.1	105
40	A time dependent relation between EUV solar flare light-curves from lines with differing formation temperatures. Journal of Space Weather and Space Climate, 2017, 7, A36.	3.3	12
41	CORONAL DYNAMIC ACTIVITIES IN THE DECLINING PHASE OF A SOLAR CYCLE. Astrophysical Journal Letters, 2016, 833, L11.	8.3	3
42	Soft X-ray irradiance measured by the Solar Aspect Monitor on the Solar Dynamic Observatory Extreme ultraviolet Variability Experiment. Journal of Geophysical Research: Space Physics, 2016, 121, 3648-3664.	2.4	2
43	The Miniature X-ray Solar Spectrometer (MinXSS) CubeSats: spectrometer characterization techniques, spectrometer capabilities, and solar science objectives. Proceedings of SPIE, 2016, , .	0.8	4
44	Miniature X-Ray Solar Spectrometer: A Science-Oriented, University 3U CubeSat. Journal of Spacecraft and Rockets, 2016, 53, 328-339.	1.9	46
45	Sounding Rocket Observations of Active Region Soft X-Ray Spectra Between 0.5 and 2.5 nm Using a Modified SDO/EVE Instrument. Solar Physics, 2016, 291, 3567-3582.	2.5	2
46	RELATIONSHIP OF EUV IRRADIANCE CORONAL DIMMING SLOPE AND DEPTH TO CORONAL MASS EJECTION SPEED AND MASS. Astrophysical Journal, 2016, 830, 20.	4.5	45
47	The Solar Extreme Ultraviolet Monitor for MAVEN. Space Science Reviews, 2015, 195, 293-301.	8.1	174
48	Solar extreme ultraviolet (EUV) flare observations and findings from the Solar Dynamics Observatory (SDO) EUV Variability Experiment (EVE). Proceedings of the International Astronomical Union, 2015, 11, 27-40.	0.0	0
49	NEW OBSERVATIONS OF THE SOLAR 0.5-5 KEV SOFT X-RAY SPECTRUM. Astrophysical Journal Letters, 2015, 802, L2.	8.3	47
50	A Different View of Solar Spectral Irradiance Variations: Modeling Total Energy over Six-Month Intervals. Solar Physics, 2015, 290, 2649-2676.	2.5	24
51	The solar magnetic activity band interaction and instabilities that shape quasi-periodic variability. Nature Communications, 2015, 6, 6491.	12.8	97
52	The Infrared Solar Spectrum Measured by the SOLSPEC Spectrometer Onboard the International Space Station. Solar Physics, 2015, 290, 1581-1600.	2.5	14
53	The Mars Atmosphere and Volatile Evolution (MAVEN) Mission. Space Science Reviews, 2015, 195, 3-48.	8.1	563
54	Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. Science, 2015, 350, aad0459.	12.6	90

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55	Remote Sensing of Earth's Limb by TIMED/GUVI: Retrieval of thermospheric composition and temperature. <i>Earth and Space Science</i> , 2015, 2, 1-37.	2.6	103
56	Rapid Coordination Extends Space-Based Sun-Climate Record. <i>Eos</i> , 2014, 95, 429-430.	0.1	2
57	Eleven years of tracking the SORCE SIM instrument degradation caused by space radiation and solar exposure. <i>Proceedings of SPIE</i> , 2014, , .	0.8	3
58	MECHANISMS AND OBSERVATIONS OF CORONAL DIMMING FOR THE 2010 AUGUST 7 EVENT. <i>Astrophysical Journal</i> , 2014, 789, 61.	4.5	38
59	Far- and Extreme-UV Solar Spectral Irradiance and Radiance from Simplified Atmospheric Physical Models. <i>Solar Physics</i> , 2014, 289, 515-544.	2.5	37
60	Extreme Ultraviolet Late-Phase Flares: Before and During the Solar Dynamics Observatory Mission. <i>Solar Physics</i> , 2014, 289, 3391-3401.	2.5	22
61	Influence of solar variability on the infrared radiative cooling of the thermosphere from 2002 to 2014. <i>Geophysical Research Letters</i> , 2014, 41, 2508-2513.	4.0	28
62	Ionospheric modelâ€œObservation comparisons: <i>E</i> layer at Arecibo Incorporation of SDOâ€œEVE solar irradiances. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3844-3856.	2.4	11
63	Modeling the ionospheric <i>E</i> and <i>F1</i> regions: Using SDOâ€œEVE observations as the solar irradiance driver. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5379-5391.	2.4	26
64	Variability of Solar Five-Minute Oscillations in the Corona as Observed by the Extreme Ultraviolet Spectrophotometer (ESP) on the Solar Dynamics Observatory/Extreme Ultraviolet Variability Experiment (SDO/EVE). <i>Solar Physics</i> , 2013, 287, 171-184.	2.5	5
65	On-Orbit Degradation of Solar Instruments. <i>Solar Physics</i> , 2013, 288, 389-434.	2.5	80
66	Using SDO EVE data as a proxy for GOES XRS B 1â€œ8 angstrom. <i>Space Weather</i> , 2013, 11, 262-271.	3.7	7
67	Spectral diagnostics with the SDO EVE flare lines. <i>Astronomy and Astrophysics</i> , 2013, 555, A59.	5.1	39
68	Recent variability of the solar spectral irradiance and its impact on climate modelling. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 3945-3977.	4.9	267
69	10 years of degradation trends of the SORCE SIM instrument. <i>Proceedings of SPIE</i> , 2013, , .	0.8	3
70	A New Catalog of Ultraviolet Stellar Spectra for Calibration. , 2013, , 191-226.		23
71	Far- and Extreme-UV Solar Spectral Irradiance and Radiance from Simplified Atmospheric Physical Models. , 2013, , 79-108.		0
72	OBSERVATIONS OF ENHANCED EXTREME ULTRAVIOLET CONTINUA DURING AN X-CLASS SOLAR FLARE USING <i>SDO</i> /EVE. <i>Astrophysical Journal Letters</i> , 2012, 748, L14.	8.3	51

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73	CHARGE-EXCHANGE LIMITS ON LOW-ENERGY \hat{I}_{\pm} -PARTICLE FLUXES IN SOLAR FLARES. <i>Astrophysical Journal</i> , 2012, 752, 84.	4.5	7
74	The solar hydrogen Lyman \hat{I}_{\pm} to Lyman \hat{I}^2 line ratio. <i>Astronomy and Astrophysics</i> , 2012, 542, L25.	5.1	12
75	Solar EUV and XUV energy input to thermosphere on solar rotation time scales derived from photoelectron observations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	24
76	Thermal Evolution and Radiative Output of Solar Flares Observed by the EUV Variability Experiment (EVE). <i>Solar Physics</i> , 2012, 279, 23-42.	2.5	24
77	EUV SpectroPhotometer (ESP) in Extreme Ultraviolet Variability Experiment (EVE): Algorithms and Calibrations. <i>Solar Physics</i> , 2012, 275, 179-205.	2.5	49
78	Extreme Ultraviolet Variability Experiment (EVE) on the Solar Dynamics Observatory (SDO): Overview of Science Objectives, Instrument Design, Data Products, and Model Developments. <i>Solar Physics</i> , 2012, 275, 115-143.	2.5	375
79	Extreme Ultraviolet Variability Experiment (EVE) Multiple EUV Grating Spectrographs (MEGS): Radiometric Calibrations and Results. <i>Solar Physics</i> , 2012, 275, 145-178.	2.5	50
80	Solar extreme ultraviolet irradiance: Present, past, and future. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	76
81	The minimal solar activity in 2008-2009 and its implications for long-term climate modeling. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	84
82	The impact of solar spectral irradiance variability on middle atmospheric ozone. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	70
83	Causes of low thermospheric density during the 2007-2009 solar minimum. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	116
84	High-resolution solar spectral irradiance from extreme ultraviolet to far infrared. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	157
85	OBSERVATIONS OF FIVE-MINUTE SOLAR OSCILLATIONS IN THE CORONA USING THE EXTREME ULTRAVIOLET SPECTROPHOTOMETER (ESP) ON BOARD THE SOLAR DYNAMICS OBSERVATORY EXTREME ULTRAVIOLET VARIABILITY EXPERIMENT (SDO/EVE). <i>Astrophysical Journal Letters</i> , 2011, 738, L7.	8.3	13
86	NEW SOLAR EXTREME-ULTRAVIOLET IRRADIANCE OBSERVATIONS DURING FLARES. <i>Astrophysical Journal</i> , 2011, 739, 59.	4.5	144
87	The EVE Doppler Sensitivity and Flare Observations. <i>Solar Physics</i> , 2011, 273, 69-80.	2.5	25
88	A Snapshot of the Sun Near Solar Minimum: The Whole Heliosphere Interval. <i>Solar Physics</i> , 2011, 274, 29-56.	2.5	25
89	Early Observations by the GOES-13 Solar Extreme Ultraviolet Sensor (EUVS). <i>Solar Physics</i> , 2010, 262, 71-115.	2.5	15
90	The SORCE SIM Solar Spectrum: Comparison with Recent Observations. <i>Solar Physics</i> , 2010, 263, 3-24.	2.5	77

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91	The EUV spectrum of the Sun: long-term variations in the SOHO CDS NIS spectral responsivities. <i>Astronomy and Astrophysics</i> , 2010, 518, A49.	5.1	25
92	On the relationship of Joule heating and nitric oxide radiative cooling in the thermosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	63
93	Anomalous low solar extreme-ultraviolet irradiance and thermospheric density during solar minimum. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	171
94	Extreme Ultraviolet Variability Experiment (EVE) on the Solar Dynamics Observatory (SDO): Overview of Science Objectives, Instrument Design, Data Products, and Model Developments. , 2010, , 115-143.		13
95	Extreme Ultraviolet Variability Experiment (EVE) Multiple EUV Grating Spectrographs (MEGS): Radiometric Calibrations and Results. , 2010, , 145-178.		1
96	The Extreme Ultraviolet Sensor (EUVS) for GOES-R. <i>Proceedings of SPIE</i> , 2009, , .	0.8	23
97	Comparison of solar soft X-ray irradiance from broadband photometers to a high spectral resolution rocket observation. <i>Advances in Space Research</i> , 2009, 43, 349-354.	2.6	3
98	Finding the best proxies for the solar UV irradiance. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	73
99	Photoelectrons as a tool to evaluate spectral variations in solar EUV irradiance over solar cycle timescales. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	18
100	Solar Irradiance Reference Spectra (SIRS) for the 2008 Whole Heliosphere Interval (WHI). <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	171
101	Trends in solar spectral irradiance variability in the visible and infrared. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	202
102	Solar cycle minimum measurements of the solar extreme ultraviolet spectral irradiance on 14 April 2008. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	52
103	Next generation x-ray sensor (XRS) for the NOAA GOES-R satellite series. <i>Proceedings of SPIE</i> , 2009, , .	0.8	38
104	XUV Photometer System (XPS): Improved Solar Irradiance Algorithm Using CHIANTI Spectral Models. <i>Solar Physics</i> , 2008, 250, 235-267.	2.5	62
105	Recent advances in observations and modeling of the solar ultraviolet and X-ray spectral irradiance. <i>Advances in Space Research</i> , 2008, 42, 895-902.	2.6	46
106	Solar-terrestrial coupling evidenced by periodic behavior in geomagnetic indexes and the infrared energy budget of the thermosphere. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	86
107	Flare Irradiance Spectral Model (FISM): Flare component algorithms and results. <i>Space Weather</i> , 2008, 6, .	3.7	155
108	Temporal and spectral variations of the photoelectron flux and solar irradiance during an X class solar flare. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	6

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109	Radiation-hard, charge-coupled devices for the extreme ultraviolet variability experiment. , 2007, , .		9
110	Constraining and validating the Oct/Nov 2003 X-class EUV flare enhancements with observations of FUV dayglow and E-region electron densities. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	18
111	Short-term relationship between solar irradiances and equatorial peak electron densities. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	2
112	Evidence for a solar cycle influence on the infrared energy budget and radiative cooling of the thermosphere. Journal of Geophysical Research, 2007, 112, .	3.3	34
113	Anticipating the Next Decade of Sun-Earth System Variations. Eos, 2007, 88, 457.	0.1	15
114	Effects of solar variability on thermosphere density from CHAMP accelerometer data. Journal of Geophysical Research, 2007, 112, .	3.3	64
115	Flare Irradiance Spectral Model (FISM): Daily component algorithms and results. Space Weather, 2007, 5, .	3.7	156
116	SDO-EVE EUV spectrograph optical design and performance. Proceedings of SPIE, 2007, , .	0.8	17
117	EUV variability experiment (EVE); multiple EUV grating spectrographs (MEGS), radiometric calibrations and results. Proceedings of SPIE, 2007, , .	0.8	7
118	SDO EVE ESP radiometric calibration and results. , 2007, , .		4
119	Satellite Drag Compared with the Solar Extreme-Ultraviolet Experiment Measurements. Journal of Spacecraft and Rockets, 2007, 44, 1204-1209.	1.9	4
120	On the short-term relationship between solar soft X-ray irradiances and equatorial total electron content (TEC). Journal of Geophysical Research, 2006, 111, .	3.3	9
121	Soft X-ray irradiances during solar flares observed by TIMED-SEE. Journal of Geophysical Research, 2006, 111, .	3.3	21
122	Contributions of the solar ultraviolet irradiance to the total solar irradiance during large flares. Journal of Geophysical Research, 2006, 111, .	3.3	93
123	Neutral density response to the solar flares of October and November, 2003. Geophysical Research Letters, 2006, 33, .	4.0	87
124	SORCE solar UV irradiance results. Advances in Space Research, 2006, 37, 201-208.	2.6	46
125	Observations of the solar soft X-ray irradiance by the student nitric oxide explorer. Advances in Space Research, 2006, 37, 209-218.	2.6	12
126	Solar ultraviolet variability during the TIMED mission. Advances in Space Research, 2006, 37, 219-224.	2.6	36

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127	HEUVAC: A new high resolution solar EUV proxy model. <i>Advances in Space Research</i> , 2006, 37, 315-322.	2.6	108
128	The Spectral Irradiance Monitor: Measurement Equations and Calibration. <i>Solar Physics</i> , 2005, 230, 169-204.	2.5	53
129	The Spectral Irradiance Monitor (SIM): Early Observations. <i>Solar Physics</i> , 2005, 230, 205-224.	2.5	31
130	The SORCE Spacecraft and Operations. <i>Solar Physics</i> , 2005, 230, 71-89.	2.5	11
131	Solarâ€™Stellar Irradiance Comparison Experiment II (SOLSTICE II): Pre-Launch and On-Orbit Calibrations. <i>Solar Physics</i> , 2005, 230, 259-294.	2.5	73
132	XUV Photometer System (XPS): Solar Variations during the SORCE Mission. <i>Solar Physics</i> , 2005, 230, 375-387.	2.5	34
133	XUV Photometer System (XPS): Overview and Calibrations. <i>Solar Physics</i> , 2005, 230, 345-374.	2.5	39
134	The Spectral Irradiance Monitor: Scientific Requirements, Instrument Design, and Operation Modes. <i>Solar Physics</i> , 2005, 230, 141-167.	2.5	101
135	The Mg II Index from SORCE. <i>Solar Physics</i> , 2005, 230, 325-344.	2.5	54
136	Solarâ€™Stellar Irradiance Comparison Experiment II (Solstice II): Instrument Concept and Design. <i>Solar Physics</i> , 2005, 230, 225-258.	2.5	150
137	Solarâ€™Stellar Irradiance Comparison Experiment II (Solstice II): Examination of the Solarâ€™Stellar Comparison Technique. <i>Solar Physics</i> , 2005, 230, 295-324.	2.5	68
138	The October 28, 2003 extreme EUV solar flare and resultant extreme ionospheric effects: Comparison to other Halloween events and the Bastille Day event. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	212
139	Solar EUV Experiment (SEE): Mission overview and first results. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	448
140	Solar-Stellar Irradiance Comparison Experiment II (SOLSTICE II): Instrument Concept and Design. , 2005, , 225-258.		5
141	Solar-Stellar Irradiance Comparison Experiment II (SOLSTICE II): Pre-Launch and On-Orbit Calibrations. , 2005, , 259-294.		2
142	The Mg II Index from SORCE. , 2005, , 325-344.		7
143	XUV Photometer System (XPS): Overview and Calibrations. , 2005, , 345-374.		4
144	The Spectral Irradiance Monitor: Scientific Requirements, Instrument Design, and Operation Modes. , 2005, , 141-167.		8

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145	XUV Photometer System (XPS): Solar Variations During the SORCE Mission. , 2005, , 375-387.		1
146	The SORCE Spacecraft and Operations. , 2005, , 71-89.		0
147	The EUV Variability Experiment (EVE) aboard the NASA Solar Dynamics Observatory (SDO). , 2004, , .		8
148	Solar irradiance variability during the October 2003 solar storm period. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	166
149	The correspondence between thermospheric neutral densities and broadband measurements of the total solar soft X-ray flux. Geophysical Research Letters, 2004, 31, .	4.0	15
150	A composite Mg II index spanning from 1978 to 2003. Space Weather, 2004, 2, n/a-n/a.	3.7	111
151	SDO-EVE multiple EUV grating spectrograph (MEGS) optical design. , 2004, 5563, 182.		10
152	Solar irradiance reference spectra. Geophysical Monograph Series, 2004, , 171-194.	0.1	69
153	Solar extreme ultraviolet and x-ray irradiance variations. Geophysical Monograph Series, 2004, , 127-140.	0.1	29
154	Solar extreme ultraviolet variability of the X-class flare on 21 April 2002 and the terrestrial photoelectron response. Space Weather, 2003, 1, n/a-n/a.	3.7	30
155	Solar ultraviolet variability over time periods of aeronomic interest. Geophysical Monograph Series, 2002, , 221-233.	0.1	85
156	Effect of solar soft X-rays on the lower ionosphere. Geophysical Research Letters, 2001, 28, 2149-2152.	4.0	74
157	Farâ€Ultraviolet Intensities and Centerâ€toâ€Limb Variations of Active Regions and Quiet Sun Using UARS SOLSTICE Irradiance Measurements and Groundâ€based Spectroheliograms. Astrophysical Journal, 2001, 560, 1020-1034.	4.5	21
158	The solar cycle variation in ultraviolet irradiance. Advances in Space Research, 2001, 27, 1927-1932.	2.6	51
159	<title>TIMED solar EUV experiment: preflight calibration results for the EUV grating spectrograph</title>. , 2001, 4498, 91.		8
160	Overview of the EOS SORCE mission. , 2000, , .		36
161	Solar Stellar Irradiance Comparison Experiment II (SOLSTICE II) for the NASA Earth Observing System's Solar Radiation and Climate Experiment mission. , 2000, , .		24
162	The SOLAR2000 empirical solar irradiance model and forecast tool. Journal of Atmospheric and Solar-Terrestrial Physics, 2000, 62, 1233-1250.	1.6	402

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163	Solar Spectral Irradiance Monitor (SIM). Metrologia, 2000, 37, 415-418.	1.2	16
164	Solar Total Irradiance Monitor (TIM). Metrologia, 2000, 37, 407-410.	1.2	24
165	Improved solar Lyman $\hat{\pm}$ irradiance modeling from 1947 through 1999 based on UARS observations. Journal of Geophysical Research, 2000, 105, 27195-27215.	3.3	318
166	Measurements of the solar soft X-ray irradiance by the Student Nitric Oxide Explorer: First analysis and underflight calibrations. Journal of Geophysical Research, 2000, 105, 27179-27193.	3.3	75
167	Measurements of the solar soft X-ray irradiance from the Student Nitric Oxide Explorer. Geophysical Research Letters, 1999, 26, 1255-1258.	4.0	23
168	TIMED solar EUV experiment: preflight calibration results for the XUV photometer system. , 1999, , .		15
169	Evolution of Chromospheric Structures: How Chromospheric Structures Contribute to the Solar Heii30.4 Nanometer Irradiance and Variability. Astrophysical Journal, 1999, 511, 965-975.	4.5	32
170	Solar Extreme Ultraviolet Irradiance Measurements During Solar Cycle 22. Solar Physics, 1998, 177, 133-146.	2.5	76
171	In-flight degradation results for the UARS SOLSTICE instrument. Metrologia, 1998, 35, 619-623.	1.2	17
172	<title>TIMED solar EUV experiment</title>. , 1998, 3442, 180.		56
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