

Thomas N Woods

List of Publications by Year in descending order

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185
papers

10,556
citations

30070

54
h-index

36028

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 Weather-Oriented 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 TSIS-1 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 Model-Version 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). <i>Remote Sensing</i> , 2020, 12, 1818.	4.0	27
20	Initial Observations by the GOLD Mission. <i>Journal of Geophysical Research: Space Physics</i> , 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. <i>Astrophysical Journal</i> , 2020, 904, 20.	4.5	12
22	The SDO/EVE Solar Irradiance Coronal Dimming Index Catalog. I. Methods and Algorithms. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 13.	7.7	9
23	Improved Aura/OMI Solar Spectral Irradiances: Comparisons With Independent Data Sets and Model Predictions. <i>Earth and Space Science</i> , 2019, 6, 2379-2396.	2.6	13
24	An Improved Lyman α Composite. <i>Earth and Space Science</i> , 2019, 6, 2263-2272.	2.6	56
25	A Revised Magnesium II Core ϵ Wing Ratio From SORCE SOLSTICE. <i>Earth and Space Science</i> , 2019, 6, 2106-2114.	2.6	13
26	The GOES-R EUVS model for EUV irradiance variability. <i>Journal of Space Weather and Space Climate</i> , 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. <i>Solar Physics</i> , 2018, 293, 21.	2.5	45
29	Decoupling Solar Variability and Instrument Trends Using the Multiple Same-Irradiance-Level (MuSIL) Analysis Technique. <i>Solar Physics</i> , 2018, 293, 76.	2.5	43
30	CubeSat On-Orbit Temperature Comparison to Thermal-Balance-Tuned-Model Predictions. <i>Journal of Thermophysics and Heat Transfer</i> , 2018, 32, 237-255.	1.6	17
31	Magnesium II Index measurements from SORCE SOLSTICE and GOES-16 EUVS. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 167-168.	0.0	1
32	Revision of the Sun ϵ 's Spectral Irradiance as Measured by SORCE SIM. <i>Solar Physics</i> , 2018, 293, 1.	2.5	18
33	Ultraviolet Solar Spectral Irradiance Variation on Solar Cycle Timescales. <i>Proceedings of the International Astronomical Union</i> , 2018, 13, 203-208.	0.0	3
34	Solar Ultraviolet Irradiance Observations of the Solar Flares During the Intense September 2017 Storm Period. <i>Space Weather</i> , 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. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5747-5763.	2.4	19
36	FIVE YEARS OF SYNTHESIS OF SOLAR SPECTRAL IRRADIANCE FROM SDID/SISA AND SDO/AIA IMAGES. <i>Astrophysical Journal</i> , 2017, 834, 54.	4.5	10

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37	New Solar Irradiance Measurements from the Miniature X-Ray Solar Spectrometer Cubesat. <i>Astrophysical Journal</i> , 2017, 835, 122.	4.5	37
38	The MAVEN EUVM model of solar spectral irradiance variability at Mars: Algorithms and results. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2748-2767.	2.4	116
39	The Global-Scale Observations of the Limb and Disk (GOLD) Mission. <i>Space Science Reviews</i> , 2017, 212, 383-408.	8.1	105
40	A time dependent relation between EUV solar flare light-curves from lines with differing formation temperatures. <i>Journal of Space Weather and Space Climate</i> , 2017, 7, A36.	3.3	12
41	CORONAL DYNAMIC ACTIVITIES IN THE DECLINING PHASE OF A SOLAR CYCLE. <i>Astrophysical Journal Letters</i> , 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. <i>Journal of Geophysical Research: Space Physics</i> , 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. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
44	Miniature X-Ray Solar Spectrometer: A Science-Oriented, University 3U CubeSat. <i>Journal of Spacecraft and Rockets</i> , 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. <i>Solar Physics</i> , 2016, 291, 3567-3582.	2.5	2
46	RELATIONSHIP OF EUV IRRADIANCE CORONAL DIMMING SLOPE AND DEPTH TO CORONAL MASS EJECTION SPEED AND MASS. <i>Astrophysical Journal</i> , 2016, 830, 20.	4.5	45
47	The Solar Extreme Ultraviolet Monitor for MAVEN. <i>Space Science Reviews</i> , 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). <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 27-40.	0.0	0
49	NEW OBSERVATIONS OF THE SOLAR 0.5-5 KEV SOFT X-RAY SPECTRUM. <i>Astrophysical Journal Letters</i> , 2015, 802, L2.	8.3	47
50	A Different View of Solar Spectral Irradiance Variations: Modeling Total Energy over Six-Month Intervals. <i>Solar Physics</i> , 2015, 290, 2649-2676.	2.5	24
51	The solar magnetic activity band interaction and instabilities that shape quasi-periodic variability. <i>Nature Communications</i> , 2015, 6, 6491.	12.8	97
52	The Infrared Solar Spectrum Measured by the SOLSPEC Spectrometer Onboard the International Space Station. <i>Solar Physics</i> , 2015, 290, 1581-1600.	2.5	14
53	The Mars Atmosphere and Volatile Evolution (MAVEN) Mission. <i>Space Science Reviews</i> , 2015, 195, 3-48.	8.1	563
54	Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. <i>Science</i> , 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	Anomalously 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). <i>Metrologia</i> , 2000, 37, 415-418.	1.2	16
164	Solar Total Irradiance Monitor (TIM). <i>Metrologia</i> , 2000, 37, 407-410.	1.2	24
165	Improved solar Lyman $\hat{\pm}$ irradiance modeling from 1947 through 1999 based on UARS observations. <i>Journal of Geophysical Research</i> , 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. <i>Journal of Geophysical Research</i> , 2000, 105, 27179-27193.	3.3	75
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