

# Thomas N Woods

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3500800/publications.pdf>

Version: 2024-02-01

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	The Mars Atmosphere and Volatile Evolution (MAVEN) Mission. <i>Space Science Reviews</i> , 2015, 195, 3-48.	8.1	563
2	Solar EUV Experiment (SEE): Mission overview and first results. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	448
3	The SOLAR2000 empirical solar irradiance model and forecast tool. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2000, 62, 1233-1250.	1.6	402
4	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
5	Validation of the UARS solar ultraviolet irradiances: Comparison with the ATLAS 1 and 2 measurements. <i>Journal of Geophysical Research</i> , 1996, 101, 9541-9569.	3.3	332
6	Improved solar Lyman $\alpha$ irradiance modeling from 1947 through 1999 based on UARS observations. <i>Journal of Geophysical Research</i> , 2000, 105, 27195-27215.	3.3	318
7	Detection and parameterization of variations in solar mid- and near-ultraviolet radiation (200-400) Tj ETQq1 1 0.784314 rgBT/Overlook 275	3.3	275
8	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
9	Solar-Stellar Irradiance Comparison Experiment 1: 1. Instrument design and operation. <i>Journal of Geophysical Research</i> , 1993, 98, 10667-10677.	3.3	264
10	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
11	Trends in solar spectral irradiance variability in the visible and infrared. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	202
12	The Solar Extreme Ultraviolet Monitor for MAVEN. <i>Space Science Reviews</i> , 2015, 195, 293-301.	8.1	174
13	Solar Irradiance Reference Spectra (SIRS) for the 2008 Whole Heliosphere Interval (WHI). <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	171
14	Anomalously low solar extreme-ultraviolet irradiance and thermospheric density during solar minimum. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	171
15	Solar irradiance variability during the October 2003 solar storm period. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	166
16	High-resolution solar spectral irradiance from extreme ultraviolet to far infrared. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	157
17	Flare Irradiance Spectral Model (FISM): Daily component algorithms and results. <i>Space Weather</i> , 2007, 5, .	3.7	156
18	Flare Irradiance Spectral Model (FISM): Flare component algorithms and results. <i>Space Weather</i> , 2008, 6, .	3.7	155

#	ARTICLE	IF	CITATIONS
19	Solarâ€™Stellar Irradiance Comparison Experiment II (Solstice II): Instrument Concept and Design. Solar Physics, 2005, 230, 225-258.	2.5	150
20	NEW SOLAR EXTREME-ULTRAVIOLET IRRADIANCE OBSERVATIONS DURING FLARES. Astrophysical Journal, 2011, 739, 59.	4.5	144
21	Causes of low thermospheric density during the 2007-2009 solar minimum. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	116
22	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
23	A composite Mg II index spanning from 1978 to 2003. Space Weather, 2004, 2, n/a-n/a.	3.7	111
24	HEUVAC: A new high resolution solar EUV proxy model. Advances in Space Research, 2006, 37, 315-322.	2.6	108
25	The Global-Scale Observations of the Limb and Disk (GOLD) Mission. Space Science Reviews, 2017, 212, 383-408.	8.1	105
26	Remote Sensing of Earth's Limb by TIMED/GUVI: Retrieval of thermospheric composition and temperature. Earth and Space Science, 2015, 2, 1-37.	2.6	103
27	The Spectral Irradiance Monitor: Scientific Requirements, Instrument Design, and Operation Modes. Solar Physics, 2005, 230, 141-167.	2.5	101
28	The solar magnetic activity band interaction and instabilities that shape quasi-periodic variability. Nature Communications, 2015, 6, 6491.	12.8	97
29	Contributions of the solar ultraviolet irradiance to the total solar irradiance during large flares. Journal of Geophysical Research, 2006, 111, .	3.3	93
30	Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. Science, 2015, 350, aad0459.	12.6	90
31	Evolution of Chromospheric Structures Derived from CaIIK Spectroheliograms: Implications for Solar Ultraviolet Irradiance Variability. Astrophysical Journal, 1998, 496, 998-1014.	4.5	89
32	Neutral density response to the solar flares of October and November, 2003. Geophysical Research Letters, 2006, 33, .	4.0	87
33	Solarâ€™terrestrial coupling evidenced by periodic behavior in geomagnetic indexes and the infrared energy budget of the thermosphere. Geophysical Research Letters, 2008, 35, .	4.0	86
34	Solar ultraviolet variability over time periods of aeronomic interest. Geophysical Monograph Series, 2002, , 221-233.	0.1	85
35	Solarâ€™Stellar Irradiance Comparison Experiment 1: 2. Instrument calibrations. Journal of Geophysical Research, 1993, 98, 10679-10694.	3.3	84
36	The minimal solar activity in 2008-2009 and its implications for long-term climate modeling. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	84

#	ARTICLE	IF	CITATIONS
37	On-Orbit Degradation of Solar Instruments. Solar Physics, 2013, 288, 389-434.	2.5	80
38	Initial Observations by the GOLD Mission. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027823.	2.4	80
39	The SORCE SIM Solar Spectrum: Comparison with Recent Observations. Solar Physics, 2010, 263, 3-24.	2.5	77
40	Solar Extreme Ultraviolet Irradiance Measurements During Solar Cycle 22. Solar Physics, 1998, 177, 133-146.	2.5	76
41	Solar extreme ultraviolet irradiance: Present, past, and future. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	76
42	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
43	Effect of solar soft X-rays on the lower ionosphere. Geophysical Research Letters, 2001, 28, 2149-2152.	4.0	74
44	Solar "Stellar Irradiance Comparison Experiment II (SOLSTICE II): Pre-Launch and On-Orbit Calibrations. Solar Physics, 2005, 230, 259-294.	2.5	73
45	Finding the best proxies for the solar UV irradiance. Geophysical Research Letters, 2009, 36, .	4.0	73
46	The impact of solar spectral irradiance variability on middle atmospheric ozone. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	70
47	Solar irradiance reference spectra. Geophysical Monograph Series, 2004, , 171-194.	0.1	69
48	Solar EUV irradiance derived from a Sounding Rocket Experiment on November 10, 1988. Journal of Geophysical Research, 1990, 95, 6227-6236.	3.3	68
49	Solar "Stellar Irradiance Comparison Experiment II (Solstice II): Examination of the Solar "Stellar Comparison Technique. Solar Physics, 2005, 230, 295-324.	2.5	68
50	Effects of solar variability on thermosphere density from CHAMP accelerometer data. Journal of Geophysical Research, 2007, 112, .	3.3	64
51	On the relationship of Joule heating and nitric oxide radiative cooling in the thermosphere. Journal of Geophysical Research, 2010, 115, .	3.3	63
52	XUV Photometer System (XPS): Improved Solar Irradiance Algorithm Using CHIANTI Spectral Models. Solar Physics, 2008, 250, 235-267.	2.5	62
53	<title>TIMED solar EUV experiment</title>. , 1998, 3442, 180.		56
54	An Improved Lyman "Alpha Composite. Earth and Space Science, 2019, 6, 2263-2272.	2.6	56

#	ARTICLE	IF	CITATIONS
55	The Mg II Index from SORCE. <i>Solar Physics</i> , 2005, 230, 325-344.	2.5	54
56	The Spectral Irradiance Monitor: Measurement Equations and Calibration. <i>Solar Physics</i> , 2005, 230, 169-204.	2.5	53
57	The TSIS-1 Hybrid Solar Reference Spectrum. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091709.	4.0	53
58	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
59	The solar cycle variation in ultraviolet irradiance. <i>Advances in Space Research</i> , 2001, 27, 1927-1932.	2.6	51
60	OBSERVATIONS OF ENHANCED EXTREME ULTRAVIOLET CONTINUA DURING AN X-CLASS SOLAR FLARE USING SDO/EVE. <i>Astrophysical Journal Letters</i> , 2012, 748, L14.	8.3	51
61	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
62	The Flare Irradiance Spectral Model Version 2 (FISM2). <i>Space Weather</i> , 2020, 18, e2020SW002588.	3.7	50
63	Mg II core-to-wing index: Comparison of SBUV2 and SOLSTICE time series. <i>Journal of Geophysical Research</i> , 1997, 102, 2597-2610.	3.3	49
64	Solar Lyman $\alpha$ irradiance measurements during two solar cycles. <i>Journal of Geophysical Research</i> , 1997, 102, 8769-8779.	3.3	49
65	EUV SpectroPhotometer (ESP) in Extreme Ultraviolet Variability Experiment (EVE): Algorithms and Calibrations. <i>Solar Physics</i> , 2012, 275, 179-205.	2.5	49
66	NEW OBSERVATIONS OF THE SOLAR 0.5-5 KEV SOFT X-RAY SPECTRUM. <i>Astrophysical Journal Letters</i> , 2015, 802, L2.	8.3	47
67	SORCE solar UV irradiance results. <i>Advances in Space Research</i> , 2006, 37, 201-208.	2.6	46
68	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
69	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
70	Scattered-light properties of diffraction gratings. <i>Applied Optics</i> , 1994, 33, 4273.	2.1	45
71	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
72	The Instruments and Capabilities of the Miniature X-Ray Solar Spectrometer (MinXSS) CubeSats. <i>Solar Physics</i> , 2018, 293, 21.	2.5	45

#	ARTICLE	IF	CITATIONS
73	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
74	XUV Photometer System (XPS): Overview and Calibrations. <i>Solar Physics</i> , 2005, 230, 345-374.	2.5	39
75	Spectral diagnostics with the SDO EVE flare lines. <i>Astronomy and Astrophysics</i> , 2013, 555, A59.	5.1	39
76	Next generation x-ray sensor (XRS) for the NOAA GOES-R satellite series. <i>Proceedings of SPIE</i> , 2009, , .	0.8	38
77	MECHANISMS AND OBSERVATIONS OF CORONAL DIMMING FOR THE 2010 AUGUST 7 EVENT. <i>Astrophysical Journal</i> , 2014, 789, 61.	4.5	38
78	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
79	New Solar Irradiance Measurements from the Miniature X-Ray Solar Spectrometer Cubesat. <i>Astrophysical Journal</i> , 2017, 835, 122.	4.5	37
80	Overview of the EOS SORCE mission. , 2000, , .		36
81	Solar ultraviolet variability during the TIMED mission. <i>Advances in Space Research</i> , 2006, 37, 219-224.	2.6	36
82	XUV Photometer System (XPS): Solar Variations during the SORCE Mission. <i>Solar Physics</i> , 2005, 230, 375-387.	2.5	34
83	Evidence for a solar cycle influence on the infrared energy budget and radiative cooling of the thermosphere. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	34
84	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
85	Evolution of Chromospheric Structures: How Chromospheric Structures Contribute to the Solar Heii30.4 Nanometer Irradiance and Variability. <i>Astrophysical Journal</i> , 1999, 511, 965-975.	4.5	32
86	The Spectral Irradiance Monitor (SIM): Early Observations. <i>Solar Physics</i> , 2005, 230, 205-224.	2.5	31
87	Solar extreme ultraviolet variability of the X-class flare on 21 April 2002 and the terrestrial photoelectron response. <i>Space Weather</i> , 2003, 1, n/a-n/a.	3.7	30
88	Solar EUV irradiance from the San Marco Assi: A reference spectrum. <i>Geophysical Research Letters</i> , 1992, 19, 2175-2178.	4.0	29
89	Solar extreme ultraviolet and x-ray irradiance variations. <i>Geophysical Monograph Series</i> , 2004, , 127-140.	0.1	29
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	Modeling the ionospheric $E$ and $F1$ regions: Using SDO's EVE observations as the solar irradiance driver. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5379-5391.	2.4	26
93	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
94	The EVE Doppler Sensitivity and Flare Observations. <i>Solar Physics</i> , 2011, 273, 69-80.	2.5	25
95	A Snapshot of the Sun Near Solar Minimum: The Whole Heliosphere Interval. <i>Solar Physics</i> , 2011, 274, 29-56.	2.5	25
96	Solar Stellar Irradiance Comparison Experiment II (SOLSTICE II) for the NASA Earth Observing System's Solar Radiation and Climate Experiment mission. , 2000, , .		24
97	Solar Total Irradiance Monitor (TIM). <i>Metrologia</i> , 2000, 37, 407-410.	1.2	24
98	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
99	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
100	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
101	<a href="#">Silicon photodiodes with integrated thin-film filters for selective bandpasses in the extreme ultraviolet</a> . , 1994, 2282, 31.		23
102	Measurements of the solar soft X-ray irradiance from the Student Nitric Oxide Explorer. <i>Geophysical Research Letters</i> , 1999, 26, 1255-1258.	4.0	23
103	The Extreme Ultraviolet Sensor (EUVS) for GOES-R. <i>Proceedings of SPIE</i> , 2009, , .	0.8	23
104	A New Catalog of Ultraviolet Stellar Spectra for Calibration. , 2013, , 191-226.		23
105	Extreme Ultraviolet Late-Phase Flares: Before and During the Solar Dynamics Observatory Mission. <i>Solar Physics</i> , 2014, 289, 3391-3401.	2.5	22
106	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
107	Ultraviolet Intensities and Center-to-Limb Variations of Active Regions and Quiet Sun Using UARS SOLSTICE Irradiance Measurements and Ground-based Spectroheliograms. <i>Astrophysical Journal</i> , 2001, 560, 1020-1034.	4.5	21
108	Soft X-ray irradiances during solar flares observed by TIMED-SEE. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	21

#	ARTICLE	IF	CITATIONS
109	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
110	Constraining and validating the Oct/Nov 2003 X-class EUV flare enhancements with observations of FUV dayglow and E-region electron densities. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	18
111	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
112	Revision of the Sun's Spectral Irradiance as Measured by SORCE SIM. <i>Solar Physics</i> , 2018, 293, 1.	2.5	18
113	In-flight degradation results for the UARS SOLSTICE instrument. <i>Metrologia</i> , 1998, 35, 619-623.	1.2	17
114	SDO-EVE EUV spectrograph optical design and performance. <i>Proceedings of SPIE</i> , 2007, , .	0.8	17
115	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
116	The compact spectral irradiance monitor flight demonstration mission. , 2019, , .		17
117	Solar Spectral Irradiance Monitor (SIM). <i>Metrologia</i> , 2000, 37, 415-418.	1.2	16
118	Overview of the Solar Radiation and Climate Experiment (SORCE) Seventeen-Year Mission. <i>Solar Physics</i> , 2021, 296, 127.	2.5	16
119	TIMED solar EUV experiment: preflight calibration results for the XUV photometer system. , 1999, , .		15
120	The correspondence between thermospheric neutral densities and broadband measurements of the total solar soft X-ray flux. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	15
121	Anticipating the Next Decade of Sun-Earth System Variations. <i>Eos</i> , 2007, 88, 457.	0.1	15
122	Early Observations by the GOES-13 Solar Extreme Ultraviolet Sensor (EUVS). <i>Solar Physics</i> , 2010, 262, 71-115.	2.5	15
123	Delayed response of the global total electron content to solar EUV variations. <i>Advances in Radio Science</i> , 0, 14, 175-180.	0.7	15
124	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
125	The GOES-R EUVS model for EUV irradiance variability. <i>Journal of Space Weather and Space Climate</i> , 2019, 9, A43.	3.3	14
126	Solar-Cycle Variability Results from the Solar Radiation and Climate Experiment (SORCE) Mission. <i>Solar Physics</i> , 2022, 297, 43.	2.5	14



#	ARTICLE	IF	CITATIONS
127	OBSERVATIONS OF FIVE-MINUTE SOLAR OSCILLATIONS IN THE CORONA USING THE EXTREME ULTRAVIOLET SPECTROPHOTOMETER (ESP) ON BOARD THE <i>SOLAR DYNAMICS OBSERVATORY</i> EXTREME ULTRAVIOLET VARIABILITY EXPERIMENT ( <i>SDO</i> /EVE). Astrophysical Journal Letters, 2011, 738, L7.	8.3	13
128	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
129	A Revised Magnesium II Coreâ€toâ€Wing Ratio From SORCE SOLSTICE. Earth and Space Science, 2019, 6, 2106-2114.	2.6	13
130	Role Of the Sun and the Middle atmosphere/thermosphere/ionosphere In Climate (ROSMIC): a retrospective and prospective view. Progress in Earth and Planetary Science, 2021, 8, .	3.0	13
131	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
132	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
133	The solar hydrogen Lyman<i>±</i>to Lyman<i>²</i>line ratio. Astronomy and Astrophysics, 2012, 542, L25.	5.1	12
134	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
135	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
136	The SORCE Spacecraft and Operations. Solar Physics, 2005, 230, 71-89.	2.5	11
137	Ionospheric modelâ€observation comparisons: <i>E</i> layer at Arecibo Incorporation of SDOâ€EVE solar irradiances. Journal of Geophysical Research: Space Physics, 2014, 119, 3844-3856.	2.4	11
138	SunCET: The Sun Coronal Ejection Tracker Concept. Journal of Space Weather and Space Climate, 2021, 11, 20.	3.3	11
139	SDO-EVE multiple EUV grating spectrograph (MEGS) optical design. , 2004, 5563, 182.		10
140	FIVE YEARS OF SYNTHESIS OF SOLAR SPECTRAL IRRADIANCE FROM SDID/SISA AND SDO/AIA IMAGES. Astrophysical Journal, 2017, 834, 54.	4.5	10
141	An Improved Solar Spectral Irradiance Composite Record. Earth and Space Science, 2021, 8, e2021EA001740.	2.6	10
142	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
143	Radiation-hard, charge-coupled devices for the extreme ultraviolet variability experiment. , 2007, , .		9
144	The SDO/EVE Solar Irradiance Coronal Dimming Index Catalog. I. Methods and Algorithms. Astrophysical Journal, Supplement Series, 2019, 244, 13.	7.7	9

#	ARTICLE	IF	CITATIONS
145	The INSPIRESat-1: Mission, science, and engineering. <i>Advances in Space Research</i> , 2021, 68, 2616-2630.	2.6	9
146	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
147	<title>TIMED solar EUV experiment: preflight calibration results for the EUV grating spectrograph</title>. , 2001, 4498, 91.		8
148	The EUV Variability Experiment (EVE) aboard the NASA Solar Dynamics Observatory (SDO). , 2004, , .		8
149	Global-Scale Observations of the Limb and Disk (Gold): New Observing Capabilities for the Ionosphere-Thermosphere. <i>Geophysical Monograph Series</i> , 0, , 319-326.	0.1	8
150	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
151	The Spectral Irradiance Monitor: Scientific Requirements, Instrument Design, and Operation Modes. , 2005, , 141-167.		8
152	EUV variability experiment (EVE); multiple EUV grating spectrographs (MEGS), radiometric calibrations and results. <i>Proceedings of SPIE</i> , 2007, , .	0.8	7
153	CHARGE-EXCHANGE LIMITS ON LOW-ENERGY $\hat{\pm}$ -PARTICLE FLUXES IN SOLAR FLARES. <i>Astrophysical Journal</i> , 2012, 752, 84.	4.5	7
154	Using SDO EVE data as a proxy for GOES XRS B $\hat{\pm}$ 8 angstrom. <i>Space Weather</i> , 2013, 11, 262-271.	3.7	7
155	Intercomparing Solar Spectral Irradiance From SORCE SIM. <i>Earth and Space Science</i> , 2020, 7, e2019EA001002.	2.6	7
156	The Mg II Index from SORCE. , 2005, , 325-344.		7
157	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
158	Solar Radiation and Climate Experiment (SORCE) X-Ray Photometer System (XPS): Final Data-Processing Algorithms. <i>Solar Physics</i> , 2022, 297, .	2.5	6
159	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
160	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
161	GOES-R Series Solar X-ray and Ultraviolet Irradiance. , 2020, , 233-242.		5
162	Solar-Stellar Irradiance Comparison Experiment II (SOLSTICE II): Instrument Concept and Design. , 2005, , 225-258.		5

#	ARTICLE	IF	CITATIONS
163	SDO EVE ESP radiometric calibration and results. , 2007, , .		4
164	Satellite Drag Compared with the Solar Extreme-Ultraviolet Experiment Measurements. Journal of Spacecraft and Rockets, 2007, 44, 1204-1209.	1.9	4
165	The Miniature X-ray Solar Spectrometer (MinXSS) CubeSats: spectrometer characterization techniques, spectrometer capabilities, and solar science objectives. Proceedings of SPIE, 2016, , .	0.8	4
166	XUV Photometer System (XPS): Overview and Calibrations. , 2005, , 345-374.		4
167	Achievements and Lessons Learned From Successful Small Satellite Missions for Space Weather-Oriented Research. Space Weather, 2022, 20, .	3.7	4
168	Comparison of solar soft X-ray irradiance from broadband photometers to a high spectral resolution rocket observation. Advances in Space Research, 2009, 43, 349-354.	2.6	3
169	10 years of degradation trends of the SORCE SIM instrument. Proceedings of SPIE, 2013, , .	0.8	3
170	Eleven years of tracking the SORCE SIM instrument degradation caused by space radiation and solar exposure. Proceedings of SPIE, 2014, , .	0.8	3
171	CORONAL DYNAMIC ACTIVITIES IN THE DECLINING PHASE OF A SOLAR CYCLE. Astrophysical Journal Letters, 2016, 833, L11.	8.3	3
172	Ultraviolet Solar Spectral Irradiance Variation on Solar Cycle Timescales. Proceedings of the International Astronomical Union, 2018, 13, 203-208.	0.0	3
173	Simultaneous High Dynamic Range Algorithm, Testing, and Instrument Simulation. Astrophysical Journal, 2022, 924, 63.	4.5	3
174	Study of Time Evolution of Thermal and Nonthermal Emission from an M-class Solar Flare. Astrophysical Journal, 2022, 933, 173.	4.5	3
175	Short-term relationship between solar irradiances and equatorial peak electron densities. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	2
176	Rapid Coordination Extends Space-Based Sun-Climate Record. Eos, 2014, 95, 429-430.	0.1	2
177	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
178	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
179	Solar-Stellar Irradiance Comparison Experiment II (SOLSTICE II): Pre-Launch and On-Orbit Calibrations. , 2005, , 259-294.		2
180	Magnesium II Index measurements from SORCE SOLSTICE and GOES-16 EUVS. Proceedings of the International Astronomical Union, 2018, 13, 167-168.	0.0	1

#	ARTICLE	IF	CITATIONS
181	Extreme Ultraviolet Variability Experiment (EVE) Multiple EUV Grating Spectrographs (MEGS): Radiometric Calibrations and Results. , 2010, , 145-178.		1
182	XUV Photometer System (XPS): Solar Variations During the SORCE Mission. , 2005, , 375-387.		1
183	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
184	Far- and Extreme-UV Solar Spectral Irradiance and Radiance from Simplified Atmospheric Physical Models. , 2013, , 79-108.		0
185	The SORCE Spacecraft and Operations. , 2005, , 71-89.		0