FrÃ©dÃ©ric Clette

List of Publications by Year
in descending order

38 papers	2,126 citations	304743 22 h-index	315739 38 g-index
41 all docs	41 docs citations	41 times ranked	1338 citing authors

#	Article	IF	Citations
1	Nonparametric monitoring of sunspot number observations. Journal of Quality Technology, 2023, 55, 104-118.	2.5	2
2	Is the F_{10.7cm} â€“ Sunspot Number relation linear and stable?. Journal of Space Weather and Space Climate, 2021, 11, 2.	3.3	17
3	A Modern Reconstruction of Richard Carringtonâ€™s Observations (1853â€“1861). Solar Physics, 2021, 296, 1.	2.5	7
4	Hemispheric sunspot numbers 1874â€“2020. Astronomy and Astrophysics, 2021, 652, A56.	5.1	33
5	Reconstruction of the Sunspot Number Source Database and the 1947 Zurich Discontinuity. Solar Physics, 2021, 296, 1.	2.5	4
6	Sunspot observations by Hisako Koyama: 1945â€“1996. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4513-4527.	4.4	13
7	The new Sunspot Number: continuing upgrades and possible impacts. Proceedings of the International Astronomical Union, 2018, 13, 17-22.	0.0	4
8	A Sunspot Catalog for the Period 1952â€‰â€“â€‰1986 from Observations Made at the Madrid Astronomical Observatory. Solar Physics, 2018, 293, 1.	2.5	8
9	Sunspot and Group Number: Recent advances from historical data. Proceedings of the International Astronomical Union, 2018, 14, 156-159.	0.0	5
10	Multi-instrument observations of the solar eclipse on 20 March 2015 and its effects on the ionosphere over Belgium and Europe. Journal of Space Weather and Space Climate, 2017, 7, A19.	3.3	33
11	Detailed Analysis of Solar Data Related to Historical Extreme Geomagnetic Storms: 1868â€‰â€“â€‰2010. Solar Physics, 2016, 291, 1483-1531.	2.5	40
12	Preface to Topical Issue: Recalibration of the Sunspot Number. Solar Physics, 2016, 291, 2479-2486.	2.5	60
13	A Revised Collection of Sunspot Group Numbers. Solar Physics, 2016, 291, 3061-3074.	2.5	130
14	The New Sunspot Number: Assembling All Corrections. Solar Physics, 2016, 291, 2629-2651.	2.5	227
15	Uncertainties in the Sunspot Numbers: Estimation and Implications. Solar Physics, 2016, 291, 2709-2731.	2.5	32
16	Active Latitude Oscillations Observed on the Sun. Solar Physics, 2016, 291, 1077-1087.	2.5	7
17	Extreme Geomagnetic Storms â€“ 1868â€‰â€“â€‰2010. Solar Physics, 2016, 291, 1447-1481.	2.5	45
18	The Revised Brusselsâ€“Locarno Sunspot Number (1981â€‰â€“â€‰2015). Solar Physics, 2016, 291, 2733-2761	2.5	58

#	Article	IF	Citations
19	Revision of the Sunspot Number(s). Space Weather, 2015, 13, 529-530.	3.7	68
20	Survey and Merging of Sunspot Catalogs. Solar Physics, 2014, 289, 545-561.	2.5	39
21	Revisiting the Sunspot Number. Space Science Reviews, 2014, 186, 35-103.	8.1	526
22	Are the sunspots really vanishing?. Journal of Space Weather and Space Climate, 2012, 2, A06.	3.3	36
23	A global small sunspot deficit at the base of the index anomalies of solar cycle 23. Astronomy and Astrophysics, 2011, 536, L11.	5.1	53
24	Nonlinear solar cycle forecasting: theory and perspectives. Annales Geophysicae, 2008, 26, 231-241.	1.6	10
25	From the Wolf number to the International Sunspot Index: 25 years of SIDC. Advances in Space Research, 2007, 40, 919-928.	2.6	106
26	SWAP onboard PROBA 2, a new EUV imager for solar monitoring. Advances in Space Research, 2006, 38, 1807-1811.	2.6	79
27	LYRA, a solar UV radiometer on Proba2. Advances in Space Research, 2006, 37, 303-312.	2.6	80
28	Spatial Distribution and Northâ€“South Asymmetry of Coronal Bright Points from Mid-1998 to Mid-1999. Solar Physics, 2005, 231, 29-44.	2.5	10
29	Solar weather monitoring. Annales Geophysicae, 2005, 23, 3149-3161.	1.6	15
30	Solar activity: nowcasting and forecasting at the SIDC. Annales Geophysicae, 2005, 23, 3115-3128.	1.6	25
31	The Sidc: World Data Center for the Sunspot Index. Solar Physics, 2004, 224, 113-120.	2.5	27
32	Long term variations in the Extreme UV corona: the EIT/SoHO perspective. Symposium - International Astronomical Union, 2001, 203, 501-504.	0.1	1
33	Global Asymmetry of the Sun Observed in the Extreme Ultraviolet Radiation. Solar Physics, 2001, 201, 27-36.	2.5	14
34	The Preflight Photometric Calibration of the Extreme-Ultraviolet Imaging Telescope EIT. Solar Physics, 2000, 195, 13-44.	2.5	32
35	Active region EUV transient brightenings â€“ First Results by EIT of SOHO JOP 80. Solar Physics, 1999, 186, 207-229.	2.5	219
36	Association of Extreme-Ultraviolet Imaging Telescope (EIT) Polar Plumes with Mixed-Polarity Magnetic Network. Astrophysical Journal, 1997, 484, L75-L78.	4.5	48

#	Article	IF	Citations
37	Imaging the solar corona in the EUV. Advances in Space Research, 1997, 20, 2231-2237.	2.6	6
38	Observations of the solar corona in polarized white light during the total solar eclipse of February 16, 1980: Preliminary results. Solar Physics, 1985, 98, 163.	2.5	7