VÃ-ctor M S Carrasco

List of Publications by Year
in descending order

56 papers	850 citations	516710 16 h-index	526287 27 g-index
57 all docs	57 docs citations	57 times ranked	615 citing authors

#	Article	IF	Citations
1	Recovery of early meteorological records from Extremadura region (SW Iberia): The â€˜CliPastExtremâ€™ (v1.0) database. Geoscience Data Journal, 2022, 9, 207-220.	4.4	3
2	Revisiting Christoph Scheinerâ€™s Sunspot Records: A New Perspective on Solar Activity of the Early Telescopic Era. Astrophysical Journal, 2022, 927, 193.	4.5	8
3	Hemispheric Sunspot Number from the Madrid Astronomical Observatory for the Period 1935â€“1986. Astrophysical Journal, 2022, 931, 52.	4.5	6
4	A Sunspot Catalog by Rafael Carrasco at the Madrid Astronomical Observatory for the Period 1931â€‰â€“â€‰1933. Solar Physics, 2022, 297, .	2.5	4
5	An Early Assessment of the Forecast by the Solar Cycle 25 Prediction Panel. Research Notes of the AAS, 2022, 6, 121.	0.7	4
6	Relationship between the Sunspot Number and Active Day Fraction: An Application for the Maunder Minimum. Astrophysical Journal, 2022, 933, 26.	4.5	3
7	The Sunspot Drawing Collection of the National Solar Observatory at Sacramento Peak (1947â€“2004). Solar Physics, 2021, 296, 1.	2.5	2
8	Sunspot Observations at the Eimmart Observatory and in Its Neighborhood during the Late Maunder Minimum (1681â€“1718). Astrophysical Journal, 2021, 909, 166.	4.5	19
9	A Reanalysis of the Number of Sunspot Groups Recorded by Pierre Gassendi in the Cycle Before the Maunder Minimum. Solar Physics, 2021, 296, 1.	2.5	6
10	Strong evidence of low levels of solar activity during the Maunder Minimum. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5199-5204.	4.4	17
11	Analysis of Solar Diameter Measurements Made at the Basilica of San Petronio during and after the Maunder Minimum. Astrophysical Journal, 2021, 912, 122.	4.5	1
12	A forgotten sunspot record during the Maunder Minimum (Jean Charles Gallet, 1677). Publication of the Astronomical Society of Japan, 2021, 73, 747-752.	2.5	6
13	Solar Cycle 25 is Currently Very Similar to Solar Cycle 24. Research Notes of the AAS, 2021, 5, 181.	0.7	5
14	A note on the sunspot and prominence records made by Angelo Secchi during the period 1871â€“1875. Journal of Space Weather and Space Climate, 2021, 11, 51.	3.3	13
15	Sunspot Catalog (1921â€“1935) and Area Series (1886â€“1940) from the Stonyhurst College Observatory. Astrophysical Journal, Supplement Series, 2021, 256, 38.	7.7	2
16	Johann Christoph MÃ¼llerâ€™s Sunspot Observations in 1719â€‰â€“â€‰1720: Snapshots of the Immediate Aftermath of the Maunder Minimum. Solar Physics, 2021, 296, 1.	2.5	5
17	Number of Sunspot Groups and Individual Sunspots Recorded by Tevel for the Period 1816â€“1836 in the Dalton Minimum. Astrophysical Journal, 2021, 922, 58.	4.5	5
18	Analyses of Early Sunspot Records by Jean Tarde (1615â€‰â€“â€‰1617) and Jan Smogulecki (1621â€‰â€“â€‰1625). Solar Physics, 2021, 296, 1.	2.5	7

#	Article	IF	Citations
19	Revisiting the Amplitude of Solar Cycle 9: The Case of Sunspot Observations by W.C. Bond. Solar Physics, 2020, 295, 1.	2.5	6
20	Sunspot Records by Antonio Colla Just After the Dalton Minimum. Solar Physics, 2020, 295, 1.	2.5	2
21	Portuguese eyewitness accounts of the great space weather event of 1582. Journal of Space Weather and Space Climate, 2020, 10, 4.	3.3	3
22	The Extreme Space Weather Event in 1903 October/November: An Outburst from the Quiet Sun. Astrophysical Journal Letters, 2020, 897, L10.	8.3	36
23	Number of sunspot groups from the Galileoâ€“Scheiner controversy revisited. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2482-2492.	4.4	18
24	Sunspot Observations by Barnaba Oriani (1778â€‰â€“â€‰1779). Solar Physics, 2020, 295, 1.	2.5	4
25	Soonspot: Software to Determine Areas and Sunspot Positions. Solar Physics, 2020, 295, 1.	2.5	10
26	On the Use of Naked-eye Sunspot Observations during the Maunder Minimum. Astrophysical Journal, 2020, 904, 60.	4.5	4
27	Sunspot observations by Charles Malapert during the period 1618â€“1626: a key data set to understand solar activity before the Maunder minimum. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3884-3895.	4.4	7
28	Eric Strach: Four Decades of Detailed Synoptic Solar Observations (1969â€2008). Space Weather, 2019, 17, 796-802.	3.7	4
29	Two debatable cases for the reconstruction of the solar activity around the Maunder Minimum: Malapert and Derham. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 485, L53-L57.	3.3	18
30	Solar observations at the Coimbra Astronomical Observatory. Open Astronomy, 2019, 28, 165-179.	0.6	11
31	Sunspot Characteristics at the Onset of the Maunder Minimum Based on the Observations of Hevelius. Astrophysical Journal, 2019, 886, 18.	4.5	23
32	Could a Hexagonal Sunspot Have Been Observed During the Maunder Minimum?. Solar Physics, 2018, 293, 1.	2.5	4
33	Changes in heat wave characteristics over Extremadura (SW Spain). Theoretical and Applied Climatology, 2018, 133, 605-617.	2.8	16
34	Sunspot Catalogue of the Observatory of the University of Coimbra (1929â€‰â€“â€‰1941). Solar Physics, 2018, 293, 1.	2.5	15
35	A Curious History of Sunspot Penumbrae: An Update. Solar Physics, 2018, 293, 1.	2.5	16
36	The Umbraâ€“Penumbra Area Ratio of Sunspots During the Maunder Minimum. Astrophysical Journal, 2018, 865, 88.	4.5	18

#	Article	IF	Citations
37	A great space weather event in February 1730. Astronomy and Astrophysics, 2018, 616, A177.	5.1	26
38	Sunspot Observations Made by Hallaschka During the Dalton Minimum. Solar Physics, 2018, 293, 1.	2.5	19
39	The Great Aurora of January 1770 observed in Spain. History of Geo- and Space Sciences, 2018, 9, 133-139.	0.4	5
40	Extreme Value Theory and the New Sunspot Number Series. Astrophysical Journal, 2017, 839, 98.	4.5	12
41	Unusual rainbows as auroral candidates: Another point of view. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	11
42	Analysing Spotless Days as Predictors of Solar Activity from the New Sunspot Number. Solar Physics, 2017, 292, 1.	2.5	3
43	Revisiting the prediction of solar activity based on the relationship between the solar maximum amplitude and maxâ€“max cycle length. Advances in Space Research, 2017, 59, 379-383.	2.6	1
44	Monitoring the Solar Radius from the Royal Observatory of the Spanish Navy since 1773. Solar Physics, 2016, 291, 1599-1612.	2.5	9
45	A Revised Collection of Sunspot Group Numbers. Solar Physics, 2016, 291, 3061-3074.	2.5	130
46	The New Sunspot-Number Index and Solar-Cycle Characteristics. Solar Physics, 2016, 291, 3045-3060.	2.5	10
47	A Normalized Sunspot-Area Series Starting in 1832: An Update. Solar Physics, 2016, 291, 2931-2940.	2.5	12
48	Sunspot Observations During the Maunder Minimum from the Correspondence of John Flamsteed. Solar Physics, 2016, 291, 2493-2503.	2.5	24
49	Sunspots During the Maunder Minimum from Machina Coelestis by Hevelius. Solar Physics, 2015, 290, 2719-2732.	2.5	32
50	A methodology for investigating dust model performance using synergistic EARLINET/AERONET dust concentration retrievals. Atmospheric Measurement Techniques, 2015, 8, 3577-3600.	3.1	76
51	Level and length of cyclic solar activity during the Maunder minimum as deduced from the active-day statistics. Astronomy and Astrophysics, 2015, 577, A71.	5.1	68
52	Equivalence Relations Between the Cortie and ZÃ¼rich Sunspot Group Morphological Classifications. Solar Physics, 2015, 290, 1445-1455.	2.5	14
53	Sunspot Numbers and Areas from the Madrid Astronomical Observatory (1876â€‰â€“â€‰1986). Solar Physics, 2014, 289, 4335-4349.	2.5	31
54	Sunspot Catalogue of the Valencia Observatory (1920â€‰â€“â€‰1928). Solar Physics, 2014, 289, 4351-4364.	2.5	18

#	Article	IF	Citations
55	Forty two years counting spots: Solar observations by D.E. Hadden during 1890â€“1931 revisited. New Astronomy, 2013, 25, 95-102.	1.8	16
56	A CRITICAL COMMENT ON THE CLAIMED RELATION BETWEEN THE SOLAR MAXIMUM AMPLITUDE AND MAX-MAX CYCLE LENGTH. Astronomical Journal, 2012, 144, 69.	4.7	2