

VÃ-ctor M S Carrasco

List of Publications by Year in descending order

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Version: 2024-02-01

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	A Revised Collection of Sunspot Group Numbers. <i>Solar Physics</i> , 2016, 291, 3061-3074.	2.5	130
2	A methodology for investigating dust model performance using synergistic EARLINET/AERONET dust concentration retrievals. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 3577-3600.	3.1	76
3	Level and length of cyclic solar activity during the Maunder minimum as deduced from the active-day statistics. <i>Astronomy and Astrophysics</i> , 2015, 577, A71.	5.1	68
4	The Extreme Space Weather Event in 1903 October/November: An Outburst from the Quiet Sun. <i>Astrophysical Journal Letters</i> , 2020, 897, L10.	8.3	36
5	Sunspots During the Maunder Minimum from Machina Coelestis by Hevelius. <i>Solar Physics</i> , 2015, 290, 2719-2732.	2.5	32
6	Sunspot Numbers and Areas from the Madrid Astronomical Observatory (1876-1986). <i>Solar Physics</i> , 2014, 289, 4335-4349.	2.5	31
7	A great space weather event in February 1730. <i>Astronomy and Astrophysics</i> , 2018, 616, A177.	5.1	26
8	Sunspot Observations During the Maunder Minimum from the Correspondence of John Flamsteed. <i>Solar Physics</i> , 2016, 291, 2493-2503.	2.5	24
9	Sunspot Characteristics at the Onset of the Maunder Minimum Based on the Observations of Hevelius. <i>Astrophysical Journal</i> , 2019, 886, 18.	4.5	23
10	Sunspot Observations Made by Hallaschka During the Dalton Minimum. <i>Solar Physics</i> , 2018, 293, 1.	2.5	19
11	Sunspot Observations at the Eimmart Observatory and in Its Neighborhood during the Late Maunder Minimum (1681-1718). <i>Astrophysical Journal</i> , 2021, 909, 166.	4.5	19
12	Sunspot Catalogue of the Valencia Observatory (1920-1928). <i>Solar Physics</i> , 2014, 289, 4351-4364.	2.5	18
13	The Umbra-Penumbral Area Ratio of Sunspots During the Maunder Minimum. <i>Astrophysical Journal</i> , 2018, 865, 88.	4.5	18
14	Two debatable cases for the reconstruction of the solar activity around the Maunder Minimum: Malapert and Derham. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 485, L53-L57.	3.3	18
15	Number of sunspot groups from the Galileo-Scheiner controversy revisited. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2482-2492.	4.4	18
16	Strong evidence of low levels of solar activity during the Maunder Minimum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5199-5204.	4.4	17
17	Forty two years counting spots: Solar observations by D.E. Hadden during 1890-1931 revisited. <i>New Astronomy</i> , 2013, 25, 95-102.	1.8	16
18	Changes in heat wave characteristics over Extremadura (SW Spain). <i>Theoretical and Applied Climatology</i> , 2018, 133, 605-617.	2.8	16

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19	A Curious History of Sunspot Penumbrae: An Update. <i>Solar Physics</i> , 2018, 293, 1.	2.5	16
20	Sunspot Catalogue of the Observatory of the University of Coimbra (1929â€”1941). <i>Solar Physics</i> , 2018, 293, 1.	2.5	15
21	Equivalence Relations Between the Cortie and ZÃ¼rich Sunspot Group Morphological Classifications. <i>Solar Physics</i> , 2015, 290, 1445-1455.	2.5	14
22	A note on the sunspot and prominence records made by Angelo Secchi during the period 1871â€”1875. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 51.	3.3	13
23	A Normalized Sunspot-Area Series Starting in 1832: An Update. <i>Solar Physics</i> , 2016, 291, 2931-2940.	2.5	12
24	Extreme Value Theory and the New Sunspot Number Series. <i>Astrophysical Journal</i> , 2017, 839, 98.	4.5	12
25	Unusual rainbows as auroral candidates: Another point of view. <i>Publication of the Astronomical Society of Japan</i> , 2017, 69, .	2.5	11
26	Solar observations at the Coimbra Astronomical Observatory. <i>Open Astronomy</i> , 2019, 28, 165-179.	0.6	11
27	The New Sunspot-Number Index and Solar-Cycle Characteristics. <i>Solar Physics</i> , 2016, 291, 3045-3060.	2.5	10
28	Soonspot: Software to Determine Areas and Sunspot Positions. <i>Solar Physics</i> , 2020, 295, 1.	2.5	10
29	Monitoring the Solar Radius from the Royal Observatory of the Spanish Navy since 1773. <i>Solar Physics</i> , 2016, 291, 1599-1612.	2.5	9
30	Revisiting Christoph Scheinerâ€™s Sunspot Records: A New Perspective on Solar Activity of the Early Telescopic Era. <i>Astrophysical Journal</i> , 2022, 927, 193.	4.5	8
31	Sunspot observations by Charles Malapert during the period 1618â€”1626: a key data set to understand solar activity before the Maunder minimum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3884-3895.	4.4	7
32	Analyses of Early Sunspot Records by Jean Tarde (1615â€”1617) and Jan Smogulecki (1621â€”1625). <i>Solar Physics</i> , 2021, 296, 1.	2.5	7
33	Revisiting the Amplitude of Solar Cycle 9: The Case of Sunspot Observations by W.C. Bond. <i>Solar Physics</i> , 2020, 295, 1.	2.5	6
34	A Reanalysis of the Number of Sunspot Groups Recorded by Pierre Gassendi in the Cycle Before the Maunder Minimum. <i>Solar Physics</i> , 2021, 296, 1.	2.5	6
35	A forgotten sunspot record during the Maunder Minimum (Jean Charles Gallet, 1677). <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 747-752.	2.5	6
36	Hemispheric Sunspot Number from the Madrid Astronomical Observatory for the Period 1935â€”1986. <i>Astrophysical Journal</i> , 2022, 931, 52.	4.5	6

#	ARTICLE	IF	CITATIONS
37	Solar Cycle 25 is Currently Very Similar to Solar Cycle 24. <i>Research Notes of the AAS</i> , 2021, 5, 181.	0.7	5
38	The Great Aurora of January 1770 observed in Spain. <i>History of Geo- and Space Sciences</i> , 2018, 9, 133-139.	0.4	5
39	Johann Christoph M�ller's Sunspot Observations in 1719-1720: Snapshots of the Immediate Aftermath of the Maunder Minimum. <i>Solar Physics</i> , 2021, 296, 1.	2.5	5
40	Number of Sunspot Groups and Individual Sunspots Recorded by Tevel for the Period 1816-1836 in the Dalton Minimum. <i>Astrophysical Journal</i> , 2021, 922, 58.	4.5	5
41	Could a Hexagonal Sunspot Have Been Observed During the Maunder Minimum?. <i>Solar Physics</i> , 2018, 293, 1.	2.5	4
42	Eric Strach: Four Decades of Detailed Synoptic Solar Observations (1969-2008). <i>Space Weather</i> , 2019, 17, 796-802.	3.7	4
43	Sunspot Observations by Barnaba Oriani (1778-1779). <i>Solar Physics</i> , 2020, 295, 1.	2.5	4
44	On the Use of Naked-eye Sunspot Observations during the Maunder Minimum. <i>Astrophysical Journal</i> , 2020, 904, 60.	4.5	4
45	A Sunspot Catalog by Rafael Carrasco at the Madrid Astronomical Observatory for the Period 1931-1933. <i>Solar Physics</i> , 2022, 297, .	2.5	4
46	An Early Assessment of the Forecast by the Solar Cycle 25 Prediction Panel. <i>Research Notes of the AAS</i> , 2022, 6, 121.	0.7	4
47	Analysing Spotless Days as Predictors of Solar Activity from the New Sunspot Number. <i>Solar Physics</i> , 2017, 292, 1.	2.5	3
48	Portuguese eyewitness accounts of the great space weather event of 1582. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 4.	3.3	3
49	Recovery of early meteorological records from Extremadura region (SW Iberia): The "CliPastExtrem" (v1.0) database. <i>Geoscience Data Journal</i> , 2022, 9, 207-220.	4.4	3
50	Relationship between the Sunspot Number and Active Day Fraction: An Application for the Maunder Minimum. <i>Astrophysical Journal</i> , 2022, 933, 26.	4.5	3
51	A CRITICAL COMMENT ON THE CLAIMED RELATION BETWEEN THE SOLAR MAXIMUM AMPLITUDE AND MAX-MAX CYCLE LENGTH. <i>Astronomical Journal</i> , 2012, 144, 69.	4.7	2
52	Sunspot Records by Antonio Colla Just After the Dalton Minimum. <i>Solar Physics</i> , 2020, 295, 1.	2.5	2
53	The Sunspot Drawing Collection of the National Solar Observatory at Sacramento Peak (1947-2004). <i>Solar Physics</i> , 2021, 296, 1.	2.5	2
54	Sunspot Catalog (1921-1935) and Area Series (1886-1940) from the Stonyhurst College Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 38.	7.7	2

#	ARTICLE	IF	CITATIONS
55	Revisiting the prediction of solar activity based on the relationship between the solar maximum amplitude and maxâ€max cycle length. <i>Advances in Space Research</i> , 2017, 59, 379-383.	2.6	1
56	Analysis of Solar Diameter Measurements Made at the Basilica of San Petronio during and after the Maunder Minimum. <i>Astrophysical Journal</i> , 2021, 912, 122.	4.5	1