

Bruno Besser

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

279
citations

840776

11
h-index

888059

17
g-index

32
all docs

32
docs citations

32
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Thaddäus Derfflinger's Sunspot Observations during 1802–1824: A Primary Reference to Understand the Dalton Minimum. <i>Astrophysical Journal</i> , 2020, 890, 98.	4.5	35
2	A numerical simulation of Earth's electromagnetic cavity with the Transmission Line Matrix method: Schumann resonances. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	30
3	Graphical evidence for the solar coronal structure during the Maunder minimum: comparative study of the total eclipse drawings in 1706 and 1715. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 1.	3.3	29
4	A study of the propagation of electromagnetic waves in Titan's atmosphere with the TLM numerical method. <i>Icarus</i> , 2003, 162, 374-384.	2.5	25
5	The effective polytropic index in a magnetized plasma. <i>Journal of Geophysical Research</i> , 1997, 102, 27145-27149.	3.3	22
6	Planar MHD stagnation-point flows with velocity shear. <i>Planetary and Space Science</i> , 1990, 38, 411-418.	1.7	21
7	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
8	Model computations of Schumann resonance on Titan. <i>Planetary and Space Science</i> , 2003, 51, 853-862.	1.7	18
9	Magnetosheath model in the Chew–Goldberger–Low approximation. <i>Physics of Plasmas</i> , 1999, 6, 2887-2896.	1.9	15
10	Daniel Märgling's Sunspot Observations in 1626–1629: A Manuscript Reference for the Solar Activity before the Maunder Minimum. <i>Astrophysical Journal</i> , 2021, 909, 194.	4.5	12
11	Reanalyses of the sunspot observations of Fogelius and Siverus: two ~long-term~ observers during the Maunder minimum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 650-658.	4.4	12
12	Stephan Prantner's Sunspot Observations during the Dalton Minimum. <i>Astrophysical Journal</i> , 2021, 919, 1.	4.5	11
13	Do Schumann resonance frequencies depend on altitude?. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	9
14	Candidate Auroral Observations Indicating a Major Solar–Terrestrial Storm in 1680: Implication for Space Weather Events during the Maunder Minimum. <i>Astrophysical Journal</i> , 2021, 909, 29.	4.5	5
15	Johann Christoph Müller'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
16	A numerical study of atmospheric signals in the Earth-ionosphere electromagnetic cavity with the Transmission Line Matrix method. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	4
17	Satellite Measured Ionospheric Magnetic Field Variations over Natural Hazards Sites. <i>Remote Sensing</i> , 2021, 13, 2360.	4.0	2
18	Effects of solar and geomagnetic activities on the sub-ionospheric very low frequency transmitter signals received by the DEMETER micro-satellite. <i>Annals of Geophysics</i> , 2012, 55, .	1.0	2

#	ARTICLE	IF	CITATIONS
19	Low-altitude frequency-banded equatorial emissions observed below the electron cyclotron frequency. <i>Annales Geophysicae</i> , 2020, 38, 765-774.	1.6	1
20	Magnetosheath Structure in an Anisotropic Plasma Model. <i>Astrophysics and Space Science</i> , 2000, 274, 399-405.	1.4	0
21	Effective adiabatic index in a wave structure of the solar wind: A case study for 17 December 1990. <i>Physics of Plasmas</i> , 2000, 7, 4683-4689.	1.9	0
22	Transmission line meshes for computational simulation of electromagnetic modes in the Earth's atmosphere. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2007, 26, 650-660.	0.9	0
23	A LATE-TIME ANALYSIS PROCEDURE FOR EXTRACTING WEAK RESONANCES. APPLICATION TO THE SCHUMANN RESONANCES OBTAINED WITH THE TLM METHOD. <i>Progress in Electromagnetics Research</i> , 2011, 117, 1-18.	4.4	0