

TÃ¼nde Baranyi

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

511
citations

759233

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677142

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all docs

39
docs citations

39
times ranked

324
citing authors

#	ARTICLE	IF	CITATIONS
1	On-line Tools for Solar Data Compiled at the Debrecen Observatory and Their Extensions with the Greenwich Sunspot Data. <i>Solar Physics</i> , 2016, 291, 3081-3102.	2.5	95
2	Comparative analysis of Debrecen sunspot catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 1259-1273.	4.4	56
3	Comparison of sunspot area data bases. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 323, 223-230.	4.4	48
4	Photospheric data programs at the Debrecen Observatory. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 403-407.	0.0	40
5	ON FLARE PREDICTABILITY BASED ON SUNSPOT GROUP EVOLUTION. <i>Astrophysical Journal Letters</i> , 2015, 802, L21.	8.3	31
6	ACTIVE-REGION TILT ANGLES: MAGNETIC VERSUS WHITE-LIGHT DETERMINATIONS OF JOY'S LAW. <i>Astrophysical Journal</i> , 2015, 798, 50.	4.5	29
7	Comparison of Debrecen and Mount Wilson/Kodaikanal sunspot group tilt angles and the Joy's law. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1857-1865.	4.4	26
8	PRE-FLARE DYNAMICS OF SUNSPOT GROUPS. <i>Astrophysical Journal</i> , 2014, 789, 107.	4.5	24
9	Indirect comparison of Debrecen and Greenwich daily sums of sunspot areas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1713-1720.	4.4	20
10	ACTIVE LONGITUDE AND SOLAR FLARE OCCURRENCES. <i>Astrophysical Journal</i> , 2016, 818, 127.	4.5	20
11	Migration and Extension of Solar Active Longitudinal Zones. <i>Solar Physics</i> , 2014, 289, 579-591.	2.5	15
12	Different Contributions to Space Weather and Space Climate from Different Big Solar Active Regions. <i>Astrophysical Journal</i> , 2019, 871, 16.	4.5	15
13	22 year solar modulation of Earth's northern hemisphere temperatures. <i>Geophysical Research Letters</i> , 1998, 25, 2269-2272.	4.0	11
14	Sunspot Group Development in High Temporal Resolution. <i>Solar Physics</i> , 2014, 289, 563-577.	2.5	11
15	Study of differences between sunspot area data determined from ground-based and space-borne observations. <i>Advances in Space Research</i> , 2004, 34, 269-273.	2.6	7
16	Statistical study of spatio-temporal distribution of precursor solar flares associated with major flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3532-3539.	4.4	7
17	Effects of solar polarity reversals on geoeffective plasma streams. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	5
18	Dynamic Precursors of Flares in Active Region NOAA 10486. <i>Journal of Astrophysics and Astronomy</i> , 2015, 36, 111-121.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Semiannual fluctuation and efficiency factors in Sunâ€weather relations. Journal of Geophysical Research, 1992, 97, 14923-14928.	3.3	4
20	Study of possible subsurface influences on the emerging active regions. Solar Physics, 1992, 139, 247-254.	2.5	4
21	Role of the solar main magnetic dipole field in the solar-tropospheric relations. Part I. Semiannual fluctuations in Europe. Annales Geophysicae, 1995, 13, 427-436.	1.6	4
22	An Alternative Measure of Solar Activity from Detailed Sunspot Datasets. Solar Physics, 2016, 291, 2941-2950.	2.5	4
23	Distinction between the climatic effects of the solar corpuscular and electromagnetic radiation. Solar Physics, 1994, 152, 297-302.	2.5	3
24	Role of the solar main magnetic dipole field in the solar-tropospheric relations. Part II. Dependence on the types of solar sources. Annales Geophysicae, 1995, 13, 886-892.	1.6	3
25	Semiannual fluctuation depending on the polarity of the solar main magnetic dipole field. Journal of Geophysical Research, 1995, 100, 14801.	3.3	3
26	Some Polarity Conditions in Corpuscular Events. Solar Physics, 1997, 173, 383-389.	2.5	3
27	Active region properties and irradiance variations. Advances in Space Research, 2012, 50, 676-682.	2.6	3
28	Statistical relationship between the succeeding solar flares detected by the RHESSI satellite. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1157-1165.	4.4	3
29	Stable Sunspot Area Level of Debrecen Photoheliographic Data and Multivariate Correction Factor of SOON Data. Solar Physics, 2018, 293, 1.	2.5	3
30	Evolution of the source region of the interplanetary magnetic cloud of 18â€20 Oct. 1995. Advances in Space Research, 2002, 29, 1489-1492.	2.6	2
31	Statistical study of the East-West asymmetry of sunspots. Proceedings of the International Astronomical Union, 2004, 2004, 285-286.	0.0	1
32	Symmetric or asymmetric energy transfer from Interplanetary Coronal Mass Ejections to the magnetosphere depending on the solar dipole. Advances in Space Research, 2005, 35, 421-425.	2.6	1
33	Possible northâ€south asymmetry related to the mean Bz of interplanetary coronal mass ejections. Advances in Space Research, 2006, 38, 931-935.	2.6	1
34	In-depth survey of sunspot and active region catalogs. Proceedings of the International Astronomical Union, 2010, 6, 221-225.	0.0	1
35	Distinction between the Climatic Effects of the Solar Corpuscular and Electromagnetic Radiation. , 1994, , 297-302.		1
36	Detection Possibility of the Giant Rolls in the Sun. International Astronomical Union Colloquium, 1993, 137, 81-83.	0.1	0

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37	Migration and Extension of Solar Active Longitudinal Zones. , 2013, , 143-155.		0