

Lauri Holappa

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

277
citations

933447

10
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Annual fractions of high-speed streams from principal component analysis of local geomagnetic activity. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4544-4555.	2.4	36
2	Correct normalization of the Dst index. <i>Astrophysics and Space Sciences Transactions</i> , 2008, 4, 41-45.	1.0	33
3	Ring current development during high speed streams. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2009, 71, 1093-1102.	1.6	29
4	A new method to estimate annual solar wind parameters and contributions of different solar wind structures to geomagnetic activity. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9407-9418.	2.4	29
5	OCCURRENCE OF HIGH-SPEED SOLAR WIND STREAMS OVER THE GRAND MODERN MAXIMUM. <i>Astrophysical Journal</i> , 2015, 801, 30.	4.5	26
6	Average properties of geomagnetic storms in 1932–2009. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	21
7	Explicit IMF Dependence in High-Latitude Geomagnetic Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4728-4740.	2.4	21
8	Seasonal solar wind speeds for the last 100 years: Unique coronal hole structures during the peak and demise of the Grand Modern Maximum. <i>Geophysical Research Letters</i> , 2017, 44, 30-36.	4.0	17
9	Explicit IMF Dependence in Geomagnetic Activity: Modulation of Precipitating Electrons. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086676.	4.0	16
10	Explicit IMF Dependence in Geomagnetic Activity: Quantifying Ionospheric Electrodynamics. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029202.	2.4	15
11	Uneven weighting of stations in the Dst index. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 316-322.	1.6	10
12	Centennial evolution of monthly solar wind speeds: Fastest monthly solar wind speeds from long-duration coronal holes. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2740-2747.	2.4	7
13	Explicit IMF Dependence of Energetic Protons and the Ring Current. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	6
14	Explicit IMF Effect Maximizes at Subauroral Latitudes (Dedicated to the Tj ETQq0 0.0 rgBT /Qverlock 10	2.4	5
15	Toward more reliable long-term indices of geomagnetic activity: Correcting a new inhomogeneity problem in early geomagnetic data. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8288-8297.	2.4	3
16	The magnitude of IMF influences the magnetotail response to solar wind forcing. <i>Journal of Geophysical Research: Space Physics</i> , 0, , .	2.4	3
17	Principal Component Analysis of Geomagnetic Activity: New Information on Solar Wind. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 197-200.	0.0	0