

Jörg-Micha Jahn

List of Publications by Year in descending order

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33
papers

1,797
citations

471371

17
h-index

395590

33
g-index

35
all docs

35
docs citations

35
times ranked

1549
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Observations of Electromagnetic Ion Cyclotron (EMIC) Waves and Pitch Angle Scattering During a Van Allen Probes Conjunction. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027424.	0.8	10
2	Determining Plasmaspheric Density From the Upper Hybrid Resonance and From the Spacecraft Potential: How Do They Compare?. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, no.	0.8	10
3	Energized Oxygen in the Magnetotail: Current Sheet Bifurcation From Speiser Motion. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027339.	0.8	7
4	A Comparative Study of Spectral Auroral Intensity Predictions From Multiple Electron Transport Models. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 993-1005.	0.8	13
5	Predicting Electron Population Characteristics in 2D Using Multispectral Ground-Based Imaging. <i>Geophysical Research Letters</i> , 2018, 45, 15-20.	1.5	16
6	A double-cusp type electrostatic analyzer for high-cadence solar-wind suprathermal ion observations. <i>Review of Scientific Instruments</i> , 2018, 89, 114503.	0.6	4
7	Properties of suprathermal electrons associated with discrete auroral arcs. <i>Geophysical Research Letters</i> , 2017, 44, 3475-3484.	1.5	29
8	The Warm Plasma Composition in the Inner Magnetosphere During 2012–2015. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,018.	0.8	22
9	The plasma environment inside geostationary orbit: A Van Allen Probes HOPE survey. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9207-9227.	0.8	34
10	A synthesis of star calibration techniques for ground-based narrowband electron-multiplying charge-coupled device imagers used in auroral photometry. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5991-6002.	0.8	9
11	Statistical correlation of low-altitude ENA emissions with geomagnetic activity from IMAGE/MENA observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2046-2066.	0.8	1
12	The relationship between the plasmopause and outer belt electrons. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8392-8416.	0.8	18
13	Development and performance of a suprathermal electron spectrometer to study auroral precipitations. <i>Review of Scientific Instruments</i> , 2016, 87, 053307.	0.6	5
14	First joint in situ and global observations of the medium-energy oxygen and hydrogen in the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7615-7628.	0.8	12
15	Science Goals and Overview of the Radiation Belt Storm Probes (RBSP) Energetic Particle, Composition, and Thermal Plasma (ECT) Suite on NASA's Van Allen Probes Mission. <i>Space Science Reviews</i> , 2013, 179, 311-336.	3.7	463
16	Helium, Oxygen, Proton, and Electron (HOPE) Mass Spectrometer for the Radiation Belt Storm Probes Mission. <i>Space Science Reviews</i> , 2013, 179, 423-484.	3.7	459
17	The K_p index and solar wind speed relationship: Insights for improving space weather forecasts. <i>Space Weather</i> , 2013, 11, 339-349.	1.3	26
18	First IBEX observations of the terrestrial plasma sheet and a possible disconnection event. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	38

#	ARTICLE	IF	CITATIONS
19	Energetic neutral atom observations during recurrent magnetic storms. Geophysical Monograph Series, 2006, , 183-196.	0.1	1
20	Spatial correlation of precipitating and trapped protons associated with an isolated substorm. Geophysical Research Letters, 2006, 33, .	1.5	3
21	Trapped and precipitating protons in the inner magnetosphere as seen by IMAGE. Journal of Geophysical Research, 2004, 109, .	3.3	8
22	The Role and Contributions of Energetic Neutral Atom (ENA) Imaging in Magnetospheric Substorm Research. Space Science Reviews, 2003, 109, 155-182.	3.7	20
23	Periodic magnetospheric substorms: Multiple space-based and ground-based instrumental observations. Journal of Geophysical Research, 2003, 108, .	3.3	60
24	Remote ion temperature measurements of Earth's magnetosphere: Medium energy neutral atom (MENA) images. Geophysical Research Letters, 2002, 29, 80-1-80-4.	1.5	28
25	Outflow from the ionosphere in the vicinity of the cusp. Journal of Geophysical Research, 2002, 107, SMP 13-1-SMP 13-9.	3.3	7
26	A pulsating auroral X-ray hot spot on Jupiter. Nature, 2002, 415, 1000-1003.	13.7	183
27	Initial ion equatorial pitch angle distributions from medium and high energy neutral atom images obtained by IMAGE. Geophysical Research Letters, 2001, 28, 1155-1158.	1.5	46
28	First medium energy neutral atom (MENA) Images of Earth's magnetosphere during substorm and storm-time. Geophysical Research Letters, 2001, 28, 1147-1150.	1.5	61
29	Medium energy neutral atom (MENA) imager for the IMAGE mission. Space Science Reviews, 2000, 91, 113-154.	3.7	90
30	Possible evidence of gravity wave coupling into the mid-latitude F region ionosphere during the SEEK Campaign. Geophysical Research Letters, 1998, 25, 1801-1804.	1.5	62
31	The Brazil/Guarã Equatorial Spread F Campaign: Results of the large scale measurements. Geophysical Research Letters, 1997, 24, 1691-1694.	1.5	19
32	Imaging spread-F structures using GPS observations at Alcântara, Brazil. Geophysical Research Letters, 1997, 24, 1703-1706.	1.5	23
33	DC electric field measurements with the Guarã Spread-F Rocket. Geophysical Research Letters, 1997, 24, 1695-1698.	1.5	10