

# 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	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. Space Science Reviews, 2013, 179, 311-336.	3.7	463
2	Helium, Oxygen, Proton, and Electron (HOPE) Mass Spectrometer for the Radiation Belt Storm Probes Mission. Space Science Reviews, 2013, 179, 423-484.	3.7	459
3	A pulsating auroral X-ray hot spot on Jupiter. Nature, 2002, 415, 1000-1003.	13.7	183
4	Medium energy neutral atom (MENA) imager for the IMAGE mission. Space Science Reviews, 2000, 91, 113-154.	3.7	90
5	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
6	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
7	Periodic magnetospheric substorms: Multiple space-based and ground-based instrumental observations. Journal of Geophysical Research, 2003, 108, .	3.3	60
8	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
9	First IBEX observations of the terrestrial plasma sheet and a possible disconnection event. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	38
10	The plasma environment inside geostationary orbit: A Van Allen Probes HOPE survey. Journal of Geophysical Research: Space Physics, 2017, 122, 9207-9227.	0.8	34
11	Properties of suprathermal electrons associated with discrete auroral arcs. Geophysical Research Letters, 2017, 44, 3475-3484.	1.5	29
12	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
13	The $Kp$ index and solar wind speed relationship: Insights for improving space weather forecasts. Space Weather, 2013, 11, 339-349.	1.3	26
14	Imaging spread-F structures using GPS observations at Alcântara, Brazil. Geophysical Research Letters, 1997, 24, 1703-1706.	1.5	23
15	The Warm Plasma Composition in the Inner Magnetosphere During 2012-2015. Journal of Geophysical Research: Space Physics, 2017, 122, 11,018.	0.8	22
16	The Role and Contributions of Energetic Neutral Atom (ENA) Imaging in Magnetospheric Substorm Research. Space Science Reviews, 2003, 109, 155-182.	3.7	20
17	The Brazil/Guarã Equatorial Spread F Campaign: Results of the large scale measurements. Geophysical Research Letters, 1997, 24, 1691-1694.	1.5	19
18	The relationship between the plasmopause and outer belt electrons. Journal of Geophysical Research: Space Physics, 2016, 121, 8392-8416.	0.8	18

#	ARTICLE	IF	CITATIONS
19	Predicting Electron Population Characteristics in 2â€œ Using Multispectral Groundâ€œBased Imaging. Geophysical Research Letters, 2018, 45, 15-20.	1.5	16
20	A Comparative Study of Spectral Auroral Intensity Predictions From Multiple Electron Transport Models. Journal of Geophysical Research: Space Physics, 2018, 123, 993-1005.	0.8	13
21	First joint in situ and global observations of the mediumâ€œenergy oxygen and hydrogen in the inner magnetosphere. Journal of Geophysical Research: Space Physics, 2015, 120, 7615-7628.	0.8	12
22	DC electric field measurements with the GuarÃ¡ Spread-F Rocket. Geophysical Research Letters, 1997, 24, 1695-1698.	1.5	10
23	Simultaneous Observations of Electromagnetic Ion Cyclotron (EMIC) Waves and Pitch Angle Scattering During a Van Allen Probes Conjunction. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027424.	0.8	10
24	Determining Plasmaspheric Density From the Upper Hybrid Resonance and From the Spacecraft Potential: How Do They Compare?. Journal of Geophysical Research: Space Physics, 2020, 125, no.	0.8	10
25	A synthesis of star calibration techniques for groundâ€œbased narrowband electronâ€œmultiplying chargeâ€œcoupled device imagers used in auroral photometry. Journal of Geophysical Research: Space Physics, 2016, 121, 5991-6002.	0.8	9
26	Trapped and precipitating protons in the inner magnetosphere as seen by IMAGE. Journal of Geophysical Research, 2004, 109, .	3.3	8
27	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
28	Energized Oxygen in the Magnetotail: Current Sheet Bifurcation From Speiser Motion. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027339.	0.8	7
29	Development and performance of a suprathreshold electron spectrometer to study auroral precipitations. Review of Scientific Instruments, 2016, 87, 053307.	0.6	5
30	A double-cusp type electrostatic analyzer for high-cadence solar-wind suprathreshold ion observations. Review of Scientific Instruments, 2018, 89, 114503.	0.6	4
31	Spatial correlation of precipitating and trapped protons associated with an isolated substorm. Geophysical Research Letters, 2006, 33, .	1.5	3
32	Energetic neutral atom observations during recurrent magnetic storms. Geophysical Monograph Series, 2006, , 183-196.	0.1	1
33	Statistical correlation of lowâ€œaltitude ENA emissions with geomagnetic activity from IMAGE/MENA observations. Journal of Geophysical Research: Space Physics, 2016, 121, 2046-2066.	0.8	1