

# Noora Partamies

## List of Publications by Citations

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77  
papers

876  
citations

16  
h-index

25  
g-index

85  
ext. papers

1,102  
ext. citations

2.8  
avg, IF

4.12  
L-index

#	Paper	IF	Citations
77	Supermagnetosonic subsolar magnetosheath jets and their effects: from the solar wind to the ionospheric convection. <i>Annales Geophysicae</i> , <b>2012</b> , 30, 33-48	2	73
76	Differences in geomagnetic storms driven by magnetic clouds and ICME sheath regions. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	51
75	Earthward plasma sheet flows during substorm phases. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		47
74	Comparative statistical analysis of storm time activations and sawtooth events. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		41
73	Diffuse and Pulsating Aurora. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	33
72	Statistical properties of substorms during different storm and solar cycle phases. <i>Annales Geophysicae</i> , <b>2013</b> , 31, 349-358	2	28
71	Performance study of the new EMCCD-based all-sky cameras for auroral imaging. <i>International Journal of Remote Sensing</i> , <b>2011</b> , 32, 2987-3003	3.1	27
70	Occurrence and average behavior of pulsating aurora. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 5606-5618	2.6	24
69	Auroral electrojets during deep solar minimum at the end of solar cycle 23. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		24
68	Statistical survey on sawtooth events, SMCs and isolated substorms. <i>Advances in Space Research</i> , <b>2009</b> , 44, 376-384	2.4	22
67	Observations of the auroral width spectrum at kilometre-scale size. <i>Annales Geophysicae</i> , <b>2010</b> , 28, 711-718		20
66	Quiet, Discrete Auroral Arcs Observations. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	19
65	Substorm evolution of auroral structures. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 5958-5972		18
64	Observation of pulsating aurora signatures in cosmic noise absorption data. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 5292-5300	4.9	17
63	Statistical study of inverted-V structures in FAST data. <i>Annales Geophysicae</i> , <b>2008</b> , 26, 1439-1449	2	17
62	Different magnetospheric modes: solar wind driving and coupling efficiency. <i>Annales Geophysicae</i> , <b>2009</b> , 27, 4281-4291	2	17
61	High-latitude ionospheric equivalent currents during strong space storms: Regional perspective. <i>Space Weather</i> , <b>2015</b> , 13, 49-60	3.7	16

60	Simultaneous THEMIS observations in the near-tail portion of the inner and outer plasma sheet flux tubes at substorm onset. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		16
59	Magnetospheric currents during sawtooth events: Event-oriented magnetic field model analysis. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		15
58	Statistical study of auroral spirals. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 15415-15428		15
57	SuperDARN Radar-Derived HF Radio Attenuation During the September 2017 Solar Proton Events. <i>Space Weather</i> , <b>2018</b> , 16, 1455-1469	3.7	15
56	Equatorward propagating auroral arcs driven by ULF wave activity: Multipoint ground- and space-based observations in the dusk sector auroral oval. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 5591-5605	2.6	14
55	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2014</b> , 7, 4717-4725	4.7	13
54	Substorms during different storm phases. <i>Annales Geophysicae</i> , <b>2011</b> , 29, 2031-2043	2	13
53	Statistical study of auroral omega bands. <i>Annales Geophysicae</i> , <b>2017</b> , 35, 1069-1083	2	12
52	Numeric Image Features for Detection of Aurora. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2012</b> , 9, 176-179	4.1	12
51	Solar wind-magnetosphere coupling efficiency for solar wind pressure impulses. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	12
50	A pseudo-breakup observation: Localized current wedge across the postmidnight auroral oval. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108, SIA 4-1		12
49	A new automatic method for estimating the peak auroral emission height from all-sky camera images. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , <b>2013</b> , 2, 131-144	1.5	12
48	Energetic electron precipitation and auroral morphology at the substorm recovery phase. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 6508-6527	2.6	11
47	Further evidence for the role of magnetotail current shape in substorm initiation. <i>Earth, Planets and Space</i> , <b>2015</b> , 67,	2.9	11
46	Patch Size Evolution During Pulsating Aurora. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 4725-4738	2.6	10
45	Energetic Electron Precipitation Occurrence Rates Determined Using the Syowa East SuperDARN Radar. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 6253-6265	2.6	10
44	Pulsating aurora and cosmic noise absorption associated with growth-phase arcs. <i>Annales Geophysicae</i> , <b>2018</b> , 36, 59-69	2	10
43	Observations of Electron Precipitation During Pulsating Aurora and Its Chemical Impact. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027713	2.6	9

42	Effects of a solar wind dynamic pressure increase in the magnetosphere and in the ionosphere. <i>Annales Geophysicae</i> , <b>2010</b> , 28, 1945-1959	2	9
41	Using colour in auroral imaging. <i>Canadian Journal of Physics</i> , <b>2007</b> , 85, 101-109	1.1	9
40	Solar cycle and diurnal dependence of auroral structures. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 8448-8461	2.6	8
39	Plasma sheet magnetic fields and flows during steady magnetospheric convection events. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 6136-6144	2.6	8
38	Solar wind control of ionospheric equivalent currents and their time derivatives. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 4971-4992	2.6	8
37	The global context of the 14 November 2012 storm event. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 1939-1956	2.6	8
36	Testing an inversion method for estimating electron energy fluxes from all-sky camera images. <i>Annales Geophysicae</i> , <b>2004</b> , 22, 1961-1971	2	8
35	Observations of precipitation energies during different types of pulsating aurora. <i>Annales Geophysicae</i> , <b>2020</b> , 38, 1191-1202	2	8
34	Cosmic Noise Absorption During Solar Proton Events in WACCM-D and Riometer Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 1361-1376	2.6	7
33	On the correlation between the fast solar wind flow changes and substorm occurrence. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 5117-5124	4.9	7
32	Effect of the ring current on preconditioning the magnetosphere for steady magnetospheric convection. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 1917-1921	4.9	7
31	Latitude dependence of long-term geomagnetic activity and its solar wind drivers. <i>Annales Geophysicae</i> , <b>2015</b> , 33, 573-581	2	5
30	Meso-scale aurora within the expansion phase bulge. <i>Annales Geophysicae</i> , <b>2006</b> , 24, 2209-2218	2	5
29	On the winding of auroral spirals: Interhemispheric observations and Hallinan's theory revisited. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 28913-28924		5
28	Substorm occurrence during quiet solar wind driving. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 2978-2989	2.6	4
27	Eastward-expanding auroral surges observed in the post-midnight sector during a multiple-onset substorm. <i>Earth, Planets and Space</i> , <b>2015</b> , 67,	2.9	4
26	Auroral spectral estimation with wide-band color mosaic CCDs. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , <b>2014</b> , 3, 71-94	1.5	4
25	Ionospheric signatures of a plasma sheet rebound flow during a substorm onset. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 350-363	2.6	4

24	Interhemispheric magnetic conjugacy. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 1049-1066	4	4
23	Auroral Image Classification With Deep Neural Networks. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA027808	2.6	4
22	Overview of the Rocket Experiment for Neutral Upwelling Sounding Rocket 2 (RENU2). <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2018GL081885	4.9	4
21	Quasiperiodic field-aligned current dynamics associated with auroral undulations during a substorm recovery. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 3087-3109	2.6	3
20	Estimating Precipitating Energy Flux, Average Energy, and Hall Auroral Conductance From THEMIS All-Sky-Imagers With Focus on Mesoscales. <i>Frontiers in Physics</i> , <b>2020</b> , 8, 1-10	3.9	3
19	Ground-Based Magnetometer Response to Impacting Magnetosheath Jets. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029115	2.6	3
18	Electron precipitation characteristics during isolated, compound, and multi-night substorm events. <i>Annales Geophysicae</i> , <b>2021</b> , 39, 69-83	2	3
17	Lumikot: Fast Auroral Transients During the Growth Phase of Substorms. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 7214-7221	4.9	2
16	Multi-instrument study of the mesosphere-lower thermosphere dynamics at 80°N during the major SSW in January 2019. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2020</b> , 210, 105427	2	2
15	D-region impact area of energetic electron precipitation during pulsating aurora. <i>Annales Geophysicae</i> , <b>2021</b> , 39, 135-149	2	2
14	Observational Validation of Cutoff Models as Boundaries of Solar Proton Event Impact Area. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA027935	2.6	1
13	Fine-scale dynamics of fragmented aurora-like emissions. <i>Annales Geophysicae</i> , <b>2021</b> , 39, 975-989	2	1
12	Cosmic noise absorption signature of particle precipitation during interplanetary coronal mass ejection sheaths and ejecta. <i>Annales Geophysicae</i> , <b>2020</b> , 38, 557-574	2	1
11	Characteristics of fragmented aurora-like emissions (FAEs) observed on Svalbard. <i>Annales Geophysicae</i> , <b>2021</b> , 39, 277-288	2	1
10	Omega Band Magnetospheric Source Location: A Statistical Model-Based Study. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028997	2.6	1
9	Forecasting auroras from regional and global magnetic field measurements. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , <b>2016</b> , 5, 253-262	1.5	1
8	Automatic segmentation and classification of seven-segment display digits on auroral images. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , <b>2016</b> , 5, 305-314	1.5	1
7	Eastward electrojet enhancements during substorm activity. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2014</b> , 119, 129-137	2	0

6	Types of pulsating aurora: comparison of model and EISCAT electron density observations. <i>Annales Geophysicae</i> , <b>2022</b> , 40, 1-10	2	0
5	Simulated seasonal impact on middle atmospheric ozone from high-energy electron precipitation related to pulsating aurorae. <i>Annales Geophysicae</i> , <b>2021</b> , 39, 883-897	2	0
4	Video cascade accumulation of the total solar eclipse on Svalbard 2015. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , <b>2017</b> , 6, 9-14	1.5	
3	Statistics on Omega Band Properties and Related Geomagnetic Variations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029468	2.6	
2	Observations of sunlit N<sub>2</sub><sup>+</sup> aurora at high altitudes during the RENU2 flight. <i>Annales Geophysicae</i> , <b>2021</b> , 39, 849-859	2	
1	On the relationship of energetic particle precipitation and mesopause temperature. <i>Annales Geophysicae</i> , <b>2021</b> , 39, 795-809	2	