

# Satoko Nakamura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9272787/publications.pdf>

Version: 2024-02-01

36  
papers

678  
citations

516561

16  
h-index

580701

25  
g-index

42  
all docs

42  
docs citations

42  
times ranked

724  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Statistical Study of the Solar Wind Dependence of Multi-Harmonic Toroidal ULF Waves Observed by the Arase Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	6
2	Off-Equatorial Pi2 Pulsations Inside and Outside the Plasmapause Observed by the Arase Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	1
3	Simultaneous Observations of EMIC-Induced Drifting Electron Holes (EDEHs) in the Earth's Radiation Belt by the Arase Satellite, Van Allen Probes, and THEMIS. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
4	Statistical Study of Approaching Strong Diffusion of Low-Energy Electrons by Chorus and ECH Waves Based on <i>In Situ</i> Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	4
5	Statistical Survey of Arase Satellite Data Sets in Conjunction With the Finnish Riometer Network. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	1
6	Signatures of Auroral Potential Structure Extending Through the Near-Equatorial Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
7	Collaborative Research Activities of the Arase and Van Allen Probes. <i>Space Science Reviews</i> , 2022, 218, .	3.7	10
8	Active auroral arc powered by accelerated electrons from very high altitudes. <i>Scientific Reports</i> , 2021, 11, 1610.	1.6	6
9	Multi-Event Analysis of Plasma and Field Variations in Source of Stable Auroral Red (SAR) Arcs in Inner Magnetosphere During Non-Storm-Time Substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029081.	0.8	7
10	Energy Transfer Between Hot Protons and Electromagnetic Ion Cyclotron Waves in Compressional Pc5 Ultra-Low Frequency Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028912.	0.8	6
11	Data-Driven Simulation of Rapid Flux Enhancement of Energetic Electrons With an Upper-Band Whistler Burst. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028979.	0.8	6
12	Measurement of geomagnetically induced current (GIC) around Tokyo, Japan. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	22
13	ISEE_Wave: interactive plasma wave analysis tool. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	2
14	Evening Side EMIC Waves and Related Proton Precipitation Induced by a Substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029091.	0.8	13
15	The Characteristics of EMIC Waves in the Magnetosphere Based on the Van Allen Probes and Arase Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029001.	0.8	35
16	Penetration of MeV electrons into the mesosphere accompanying pulsating aurorae. <i>Scientific Reports</i> , 2021, 11, 13724.	1.6	37
17	PSTEP: project for solar-terrestrial environment prediction. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	10
18	Isolated Proton Aurora Driven by EMIC Pc1 Wave: PWING, Swarm, and NOAA POES Multi-Instrument Observations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095090.	1.5	7

#	ARTICLE	IF	CITATIONS
19	First Simultaneous Observation of a Night Time Medium-Scale Traveling Ionospheric Disturbance From the Ground and a Magnetospheric Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029086.	0.8	3
20	Relative Contribution of ULF Waves and Whistler-Mode Chorus to the Radiation Belt Variation during the May 2017 Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028972.	0.8	1
21	Role of Ducting in Relativistic Electron Loss by Whistler-Mode Wave Scattering. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029851.	0.8	17
22	Multipoint Measurement of Fine-Structured EMIC Waves by Arase, Van Allen Probe A and Ground Stations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL096488.	1.5	7
23	Full Particle Simulation of Whistler-Mode Triggered Falling-Tone Emissions in the Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027953.	0.8	8
24	Observations of the Source Region of Whistler Mode Waves in Magnetosheath Mirror Structures. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027488.	0.8	12
25	Rapid Precipitation of Relativistic Electron by EMIC Rising-Tone Emissions Observed by the Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6701-6714.	0.8	27
26	Time Domain Simulation of Geomagnetically Induced Current (GIC) Flowing in 500-kV Power Grid in Japan Including a Three-Dimensional Ground Inhomogeneity. <i>Space Weather</i> , 2018, 16, 1946-1959.	1.3	27
27	Fine Structure of Whistler Mode Hiss in Plasmaspheric Plumes Observed by the Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9055-9064.	0.8	20
28	Direct measurements of two-way wave-particle energy transfer in a collisionless space plasma. <i>Science</i> , 2018, 361, 1000-1003.	6.0	36
29	Ion hole formation and nonlinear generation of electromagnetic ion cyclotron waves: THEMIS observations. <i>Geophysical Research Letters</i> , 2017, 44, 8730-8738.	1.5	18
30	A statistical study of EMIC rising and falling tone emissions observed by THEMIS. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8374-8391.	0.8	29
31	Observational evidence of the nonlinear wave growth theory of plasmaspheric hiss. <i>Geophysical Research Letters</i> , 2016, 43, 10,040.	1.5	26
32	Nonlinear wave growth theory of coherent hiss emissions in the plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7642-7657.	0.8	52
33	Subpacket structures in EMIC rising tone emissions observed by the THEMIS probes. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7318-7330.	0.8	35
34	Electromagnetic ion cyclotron rising tone emissions observed by THEMIS probes outside the plasmopause. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1874-1886.	0.8	47
35	Fine structure of plasmaspheric hiss. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9134-9149.	0.8	74
36	Dissecting the Nanoscale Distributions and Functions of Microtubule-End-Binding Proteins EB1 and ch-TOG in Interphase HeLa Cells. <i>PLoS ONE</i> , 2012, 7, e51442.	1.1	57