

# Shin'ya Nakano

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

675  
citations

840119

11  
h-index

580395

25  
g-index

33  
all docs

33  
docs citations

33  
times ranked

817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid algorithm of ensemble transform and importance sampling for assimilation of non-Gaussian observations. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 66, 21429.	0.8	5
2	Echo state network model for analyzing solar-wind effects on the AU and AL indices. <i>Annales Geophysicae</i> , 2022, 40, 11-22.	0.6	4
3	International Geomagnetic Reference Field: the thirteenth generation. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	319
4	Behavior of the iterative ensemble-based variational method in nonlinear problems. <i>Nonlinear Processes in Geophysics</i> , 2021, 28, 93-109.	0.6	2
5	EUV signals associated with O <sup>+</sup> ions observed from ISS-IMAP/EUVI in the nightside ionosphere. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	1
6	Reconstructing Solar Wind Profiles Associated With Extreme Magnetic Storms: A Machine Learning Approach. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL096275.	1.5	6
7	A framework for estimating spherical vector fields using localized basis functions and its application to SuperDARN data processing. <i>Earth, Planets and Space</i> , 2020, 72, .	0.9	4
8	Substorm-associated Ionospheric Flow Fluctuations During the 27 March 2017 Magnetic Storm: SuperDARN-ARase Conjunction. <i>Geophysical Research Letters</i> , 2018, 45, 9441-9449.	1.5	9
9	A new solar wind-driven global dynamic plasmopause model: 2. Model and validation. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7172-7187.	0.8	24
10	A new solar wind-driven global dynamic plasmopause model: 1. Database and statistics. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7153-7171.	0.8	16
11	Identification of Signal and Noise Components in Spacecraft Neutral Particle Data Using a Bi-Level Mixture Model. , 2017, , .		0
12	Determination of the Earth's plasmopause location from the CE3 EUVC images. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 296-304.	0.8	18
13	Decadal-scale meridional shift of the typhoon recurvature latitude over five decades. <i>International Journal of Climatology</i> , 2016, 36, 3819-3827.	1.5	2
14	Particle filter for real-time human mobility prediction following unprecedented disaster. , 2016, , .		15
15	A sequential Bayesian approach for the estimation of the age-depth relationship of the Dome Fuji ice core. <i>Nonlinear Processes in Geophysics</i> , 2016, 23, 31-44.	0.6	4
16	Formation of the oxygen torus in the inner magnetosphere: Van Allen Probes observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1182-1196.	0.8	46
17	Estimation of temporal evolution of the helium plasmasphere based on a sequence of IMAGE/EUV images. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3708-3723.	0.8	8
18	Estimation of the helium ion density distribution in the plasmasphere based on a single IMAGE/EUV image. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3724-3740.	0.8	6

#	ARTICLE	IF	CITATIONS
19	Non-storm irregular variation of the &lt;math>D</math> index. <i>Annales Geophysicae</i> , 2012, 30, 153-162.	0.6	0
20	Population-based quasi-Bayesian algorithm for high-dimensional sequential problems and hierarchization of it for distributed computing environments. , 2010, , .		0
21	Impact of the solar wind dynamic pressure on the Region 2 field-aligned currents. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	13
22	Estimation of a Long-Term Variation of a Magnetic-Storm Index Using the Merging Particle Filter. <i>IEICE Transactions on Information and Systems</i> , 2009, E92-D, 1382-1387.	0.4	2
23	A method for estimating the ring current structure and the electric potential distribution using energetic neutral atom data assimilation. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	17
24	Energetic neutral atom occultation: New remote sensing technique to study the lunar exosphere. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	9
25	Merging particle filter for sequential data assimilation. <i>Nonlinear Processes in Geophysics</i> , 2007, 14, 395-408.	0.6	95
26	Storm-time field-aligned currents on the nightside inferred from ground-based magnetic data at midlatitudes: Relationships with the interplanetary magnetic field and substorms. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	14
27	Local time distribution of net field-aligned currents derived from high-altitude satellite data. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	18
28	Antisunward net Birkeland current system deduced from the Oersted satellite observation. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 26-1.	3.3	5
29	Net field-aligned currents controlled by the polar ionospheric conductivity. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 4-1.	3.3	11