

Kaori Sakaguchi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

938
citations

471371

17
h-index

454834

30
g-index

31
all docs

31
docs citations

31
times ranked

858
citing authors

#	ARTICLE	IF	CITATIONS
1	Precipitation of radiation belt electrons by EMIC waves, observed from ground and space. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	245
2	Simultaneous appearance of isolated auroral arcs and Pc 1 geomagnetic pulsations at subauroral latitudes. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	91
3	Simultaneous THEMIS in situ and auroral observations of a small substorm. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	89
4	Simultaneous ground and satellite observations of an isolated proton arc at subauroral latitudes. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	60
5	Fine structures and dynamics in auroral initial brightening at substorm onsets. <i>Annales Geophysicae</i> , 2009, 27, 623-630.	0.6	47
6	Akebono observations of EMIC waves in the slot region of the radiation belts. <i>Geophysical Research Letters</i> , 2013, 40, 5587-5591.	1.5	40
7	The STEL induction magnetometer network for observation of high-frequency geomagnetic pulsations. <i>Earth, Planets and Space</i> , 2010, 62, 517-524.	0.9	29
8	Rapid Loss of Relativistic Electrons by EMIC Waves in the Outer Radiation Belt Observed by Arase, Van Allen Probes, and the PWING Ground Stations. <i>Geophysical Research Letters</i> , 2018, 45, 12,720.	1.5	25
9	Polarization of Pc1/EMIC waves and related proton auroras observed at subauroral latitudes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	23
10	Relativistic electron flux forecast at geostationary orbit using Kalman filter based on multivariate autoregressive model. <i>Space Weather</i> , 2013, 11, 79-89.	1.3	22
11	Visualization of ion cyclotron wave and particle interactions in the inner magnetosphere via THEMIS&ASO observations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	21
12	Prediction of MeV electron fluxes throughout the outer radiation belt using multivariate autoregressive models. <i>Space Weather</i> , 2015, 13, 853-867.	1.3	21
13	Pulsating proton aurora caused by rising tone Pc1 waves. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1608-1618.	0.8	21
14	Longitudinal development of a substorm brightening arc. <i>Annales Geophysicae</i> , 2009, 27, 1935-1940.	0.6	20
15	Rayleigh&Taylor type instability in auroral patches. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	20
16	Auroral fragmentation into patches. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8249-8261.	0.8	18
17	Discovery of 1&Hz Range Modulation of Isolated Proton Aurora at Subauroral Latitudes. <i>Geophysical Research Letters</i> , 2018, 45, 1209-1217.	1.5	18
18	Azimuthal structures of ray auroras at the beginning of auroral substorms. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	17

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19	The Optical Mesosphere Thermosphere Imagers (OMTIs) for network measurements of aurora and airglow. , 2009, , .		15
20	Fast modulations of pulsating proton aurora related to subpacket structures of Pc1 geomagnetic pulsations at subauroral latitudes. Geophysical Research Letters, 2016, 43, 7859-7866.	1.5	13
21	Temporal and Spatial Correspondence of Pc1/EMIC Waves and Relativistic Electron Precipitations Observed With Groundâ€Based Multiâ€Instruments on 27 March 2017. Geophysical Research Letters, 2018, 45, 13,182.	1.5	13
22	Ionospheric Pc5 plasma oscillations observed by the King Salmon HF radar and their comparison with geomagnetic pulsations on the ground and in geostationary orbit. Journal of Geophysical Research, 2012, 117, .	3.3	11
23	Electron and wave characteristics observed by the THEMIS satellites near the magnetic equator during a pulsating aurora. Journal of Geophysical Research, 2012, 117, .	3.3	11
24	Space environment data acquisition monitor onboard Himawari-8 for space environment monitoring on the Japanese meridian of geostationary orbit. Earth, Planets and Space, 2017, 69, .	0.9	9
25	Periodic black auroral patches at the dawnside dipolarization front during a substorm. Journal of Geophysical Research, 2011, 116, .	3.3	7
26	On the Transition Between the Inner and Outer Plasma Sheet in the Earth's Magnetotail. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027561.	0.8	7
27	Isolated Proton Aurora Driven by EMIC Pc1 Wave: PWING, Swarm, and NOAA POES Multiâ€Instrument Observations. Geophysical Research Letters, 2021, 48, e2021GL095090.	1.5	7
28	Purple Auroral Rays and Global Pc1 Pulsations Observed at the CIRâ€Associated Solar Wind Density Enhancement on 21 March 2017. Geophysical Research Letters, 2018, 45, 10,819.	1.5	4
29	Formation of fingerlike structures in fragmentation of smallâ€scale patchy aurora. Journal of Geophysical Research, 2010, 115, .	3.3	3
30	Impact of Space Environment on Geostationary Meteorological Satellite Data Outage. Space Weather, 2022, 20, .	1.3	1