

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	Impact of Space Environment on Geostationary Meteorological Satellite Data Outage. <i>Space Weather</i> , 2022, 20, .	1.3	1
2	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
3	On the Transition Between the Inner and Outer Plasma Sheet in the Earth's Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027561.	0.8	7
4	Discovery of 1ÂHz Range Modulation of Isolated Proton Aurora at Subauroral Latitudes. <i>Geophysical Research Letters</i> , 2018, 45, 1209-1217.	1.5	18
5	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
6	Temporal and Spatial Correspondence of Pc1/EMIC Waves and Relativistic Electron Precipitations Observed With Ground-Based Multi-Instruments on 27 March 2017. <i>Geophysical Research Letters</i> , 2018, 45, 13,182.	1.5	13
7	Purple Auroral Rays and Global Pc1 Pulsations Observed at the CIR-Associated Solar Wind Density Enhancement on 21 March 2017. <i>Geophysical Research Letters</i> , 2018, 45, 10,819.	1.5	4
8	Space environment data acquisition monitor onboard Himawari-8 for space environment monitoring on the Japanese meridian of geostationary orbit. <i>Earth, Planets and Space</i> , 2017, 69, .	0.9	9
9	Fast modulations of pulsating proton aurora related to subpacket structures of Pc1 geomagnetic pulsations at subauroral latitudes. <i>Geophysical Research Letters</i> , 2016, 43, 7859-7866.	1.5	13
10	Pulsating proton aurora caused by rising tone Pc1 waves. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1608-1618.	0.8	21
11	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
12	Auroral fragmentation into patches. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8249-8261.	0.8	18
13	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
14	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
15	Ionospheric Pc5 plasma oscillations observed by the King Salmon HF radar and their comparison with geomagnetic pulsations on the ground and in geostationary orbit. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	11
16	Electron and wave characteristics observed by the THEMIS satellites near the magnetic equator during a pulsating aurora. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	11
17	Polarization of Pc1/EMIC waves and related proton auroras observed at subauroral latitudes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	23
18	Visualization of ion cyclotron wave and particle interactions in the inner magnetosphere via THEMIS-ASI observations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	21

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19	Periodic black auroral patches at the dawnside dipolarization front during a substorm. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	7
20	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
21	Rayleigh-Taylor type instability in auroral patches. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	20
22	Formation of fingerlike structures in fragmentation of small-scale patchy aurora. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	3
23	Fine structures and dynamics in auroral initial brightening at substorm onsets. <i>Annales Geophysicae</i> , 2009, 27, 623-630.	0.6	47
24	Longitudinal development of a substorm brightening arc. <i>Annales Geophysicae</i> , 2009, 27, 1935-1940.	0.6	20
25	The Optical Mesosphere Thermosphere Imagers (OMTIs) for network measurements of aurora and airglow. , 2009, , .		15
26	Azimuthal structures of ray auroras at the beginning of auroral substorms. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	17
27	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
28	Simultaneous THEMIS in situ and auroral observations of a small substorm. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	89
29	Precipitation of radiation belt electrons by EMIC waves, observed from ground and space. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	245
30	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