Shun Imajo

List of Publications by Year in descending order

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35	277	1162889	1058333
papers	citations	8 h-index	14 g-index

42	42	42	372
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Penetration of MeV electrons into the mesosphere accompanying pulsating aurorae. Scientific Reports, 2021, 11, 13724.	1.6	37
2	The Characteristics of EMIC Waves in the Magnetosphere Based on the Van Allen Probes and Arase Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029001.	0.8	35
3	Longitudinal Structure of Oxygen Torus in the Inner Magnetosphere: Simultaneous Observations by Arase and Van Allen Probe A. Geophysical Research Letters, 2018, 45, 10,177.	1.5	18
4	Oxygen torus and its coincidence with EMIC wave in the deep inner magnetosphere: Van Allen Probe B and Arase observations. Earth, Planets and Space, 2020, 72, 111.	0.9	17
5	In situ observations of ions and magnetic field around Phobos: the mass spectrum analyzer (MSA) for the Martian Moons eXploration (MMX) mission. Earth, Planets and Space, 2021, 73, .	0.9	14
6	Globally Correlated Ground Magnetic Disturbances During Substorms. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028599.	0.8	11
7	Pi2 pulsations observed around the dawn terminator. Journal of Geophysical Research: Space Physics, 2015, 120, 2088-2098.	0.8	10
8	Collaborative Research Activities of the Arase and Van Allen Probes. Space Science Reviews, 2022, 218, .	3.7	10
9	Evolution of the current system during solar wind pressure pulses based on aurora and magnetometer observations. Earth, Planets and Space, 2016, 68, .	0.9	8
10	Signal and Noise Separation From Satellite Magnetic Field Data Through Independent Component Analysis: Prospect of Magnetic Measurements Without Boom and Noise Source Information. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028790.	0.8	8
11	Preliminary Statistical Comparisons of Spinâ€Averaged Electron Data From Arase and Van Allen Probes Instruments. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028929.	0.8	8
12	Application of a global magnetosphericâ€ionospheric current model for dayside and terminator Pi2 pulsations. Journal of Geophysical Research: Space Physics, 2017, 122, 8589-8603.	0.8	7
13	Magnetosphereâ€Ionosphere Connection of Stormâ€Time Regionâ€2 Fieldâ€Aligned Current and Ring Current: Arase and AMPERE Observations. Journal of Geophysical Research: Space Physics, 2018, 123, 9545-9559.	0.8	7
14	Arase Observation of the Source Region of Auroral Arcs and Diffuse Auroras in the Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027310.	0.8	7
15	Pitchâ€Angle Scattering of Inner Magnetospheric Electrons Caused by ECH Waves Obtained With the Arase Satellite. Geophysical Research Letters, 2020, 47, e2020GL089926.	1.5	7
16	Multiâ€Event Analysis of Plasma and Field Variations in Source of Stable Auroral Red (SAR) Arcs in Inner Magnetosphere During Nonâ€Stormâ€Time Substorms. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029081.	0.8	7
17	Solar terminator effects on middle- to low-latitude Pi2 pulsations. Earth, Planets and Space, 2016, 68, .	0.9	6
18	Active auroral arc powered by accelerated electrons from very high altitudes. Scientific Reports, 2021, 11, 1610.	1.6	6

#	Article	IF	Citations
19	Dataâ€Driven Simulation of Rapid Flux Enhancement of Energetic Electrons With an Upperâ€Band Whistler Burst. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028979.	0.8	6
20	A Statistical Study of the Solar Wind Dependence of Multiâ€Harmonic Toroidal ULF Waves Observed by the Arase Satellite. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	6
21	Meridional Distribution of Middleâ€Energy Protons and Pressureâ€Driven Currents in the Nightside Inner Magnetosphere: Arase Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 5719-5733.	0.8	5
22	Analysis of propagation delays of compressional Pi 2 waves between geosynchronous altitude and low latitudes. Earth, Planets and Space, 2014, 66, .	0.9	4
23	Inner Magnetospheric Response to the Interplanetary Magnetic Field B_y Component: Van Allen Probes and Arase Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028765.	0.8	4
24	Study of an equatorward detachment of auroral arc from the oval using groundâ€space observations and the BATSâ€Râ€US â€“ CIMI model. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029080.	0.8	4
25	Statistical Study of Approaching Strong Diffusion of Lowâ€Energy Electrons by Chorus and ECH Waves Based on In Situ Observations. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	4
26	Initial deflection of middleâ€latitude Pi2 pulsations in the premidnight sector: Remote detection of oscillatory upward fieldâ€aligned current at substorm onset. Journal of Geophysical Research: Space Physics, 2016, 121, 6324-6340.	0.8	3
27	First Simultaneous Observation of a Night Time Mediumâ€Scale Traveling Ionospheric Disturbance From the Ground and a Magnetospheric Satellite. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029086.	0.8	3
28	Evolution of field-aligned current in the meridional plane during substorm: multipoint observations from satellites and ground stations. Earth, Planets and Space, 2020, 72, .	0.9	3
29	Simultaneous Observations of EMICâ€Induced Drifting Electron Holes (EDEHs) in the Earth's Radiation Belt by the Arase Satellite, Van Allen Probes, and THEMIS. Geophysical Research Letters, 2022, 49, .	1.5	3
30	Magnetic Field Dipolarization and Its Associated Ion Flux Variations in the Dawnside Deep Inner Magnetosphere: Arase Observations. Geophysical Research Letters, 2018, 45, 7942-7950.	1.5	2
31	ISEE_Wave: interactive plasma wave analysis tool. Earth, Planets and Space, 2021, 73, .	0.9	2
32	Magnetic Field and Energetic Particle Flux Oscillations and Highâ€Frequency Waves Deep in the Inner Magnetosphere During Substorm Dipolarization: ERG Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029095.	0.8	2
33	Relative Contribution of ULF Waves and Whistlerâ€mode Chorus to the Radiation Belt Variation during the May 2017 Storm. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028972.	0.8	1
34	Offâ€Equatorial Pi2 Pulsations Inside and Outside the Plasmapause Observed by the Arase Satellite. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	1
35	Signatures of Auroral Potential Structure Extending Through the Nearâ€Equatorial Inner Magnetosphere. Geophysical Research Letters, 2022, 49, .	1.5	1