

B-J Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

546
citations

1162889

8
h-index

713332

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24
all docs

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docs citations

24
times ranked

762
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Active auroral arc powered by accelerated electrons from very high altitudes. <i>Scientific Reports</i> , 2021, 11, 1610.	1.6	6
3	Investigation of Small-Scale Electron Density Irregularities Observed by the Arase and Van Allen Probes Satellites Inside and Outside the Plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA027917.	0.8	10
4	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
5	Extremely Collimated Electron Beams in the High Latitude Magnetosphere Observed by Arase. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090522.	1.5	0
6	Arase Observation of Simultaneous Electron Scatterings by Upper-Band and Lower-Band Chorus Emissions. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093708.	1.5	2
7	Magnetic Field and Energetic Particle Flux Oscillations and High-Frequency Waves Deep in the Inner Magnetosphere During Substorm Dipolarization: ERG Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029095.	0.8	2
8	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
9	Do There Exist Energy Closures to the Observed Mirror Waves?. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095483.	1.5	2
10	Arase Observation of the Source Region of Auroral Arcs and Diffuse Auroras in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027310.	0.8	7
11	Pitch-Angle Scattering of Inner Magnetospheric Electrons Caused by ECH Waves Obtained With the Arase Satellite. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089926.	1.5	7
12	Plasma and Field Observations in the Magnetospheric Source Region of a Stable Auroral Red (SAR) Arc by the Arase Satellite on 28 March 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028068.	0.8	8
13	Comprehensive Observations of Substorm-Enhanced Plasmaspheric Hiss Generation, Propagation, and Dissipation. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086040.	1.5	21
14	The Space Physics Environment Data Analysis System (SPEDAS). <i>Space Science Reviews</i> , 2019, 215, 9.	3.7	332
15	Density Depletions Associated With Enhancements of Electron Cyclotron Harmonic Emissions: An ERG Observation. <i>Geophysical Research Letters</i> , 2018, 45, 10,075.	1.5	10
16	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
17	Low-energy particle experiments' electron analyzer (LEPe) onboard the Arase spacecraft. <i>Earth, Planets and Space</i> , 2017, 69, .	0.9	43
18	Slow shock and rotational discontinuity in MHD and Hall MHD models with anisotropic pressure. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6245-6261.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Effects of Hall current and electron temperature anisotropy on proton fire-hose instabilities. Physics of Plasmas, 2013, 20, .	0.7	6
20	Parallel proton fire hose instability in gyrotropic Hall MHD model. Journal of Geophysical Research, 2010, 115, .	3.3	11
21	Slow mode waves and mirror instability in gyrotropic Hall magnetohydrodynamic model. Physics of Plasmas, 2005, 12, 122904.	0.7	17
22	MHD aspects of fire-hose type instabilities. Journal of Geophysical Research, 2003, 108, .	3.3	32