

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

21
g-index

24
all docs

24
docs citations

24
times ranked

762
citing authors

#	ARTICLE	IF	CITATIONS
1	The Space Physics Environment Data Analysis System (SPEDAS). <i>Space Science Reviews</i> , 2019, 215, 9.	3.7	332
2	Low-energy particle experimentsâ€“electron analyzer (LEPe) onboard the Arase spacecraft. <i>Earth, Planets and Space</i> , 2017, 69, .	0.9	43
3	MHD aspects of fire-hose type instabilities. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	32
4	Comprehensive Observations of Substormâ€“Enhanced Plasmaspheric Hiss Generation, Propagation, and Dissipation. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086040.	1.5	21
5	Slow mode waves and mirror instability in gyrotropic Hall magnetohydrodynamic model. <i>Physics of Plasmas</i> , 2005, 12, 122904.	0.7	17
6	Parallel proton fire hose instability in gyrotropic Hall MHD model. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
7	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
8	Investigation of Smallâ€“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
9	Substormâ€“Associated Ionospheric Flow Fluctuations During the 27 March 2017 Magnetic Storm: SuperDARNâ€“Arase Conjunction. <i>Geophysical Research Letters</i> , 2018, 45, 9441-9449.	1.5	9
10	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
11	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
12	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
13	Pitchâ€“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
14	Multiâ€“Event Analysis of Plasma and Field Variations in Source of Stable Auroral Red (SAR) Arcs in Inner Magnetosphere During Nonâ€“Stormâ€“Time Substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029081.	0.8	7
15	Effects of Hall current and electron temperature anisotropy on proton fire-hose instabilities. <i>Physics of Plasmas</i> , 2013, 20, .	0.7	6
16	Active auroral arc powered by accelerated electrons from very high altitudes. <i>Scientific Reports</i> , 2021, 11, 1610.	1.6	6
17	Statistical Study of Approaching Strong Diffusion of Lowâ€“Energy Electrons by Chorus and ECH Waves Based on <i><i>In Situ</i></i> Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	4
18	First Simultaneous Observation of a Night Time Mediumâ€“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

#	ARTICLE	IF	CITATIONS
19	Arase Observation of Simultaneous Electron Scatterings by Upperâ€Band and Lowerâ€Band Chorus Emissions. Geophysical Research Letters, 2021, 48, e2021GL093708.	1.5	2
20	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
21	Do There Exist Energy Closures to the Observed Mirror Waves?. Geophysical Research Letters, 2021, 48, e2021GL095483.	1.5	2
22	Extremely Collimated Electron Beams in the High Latitude Magnetosphere Observed by Arase. Geophysical Research Letters, 2021, 48, e2020GL090522.	1.5	0