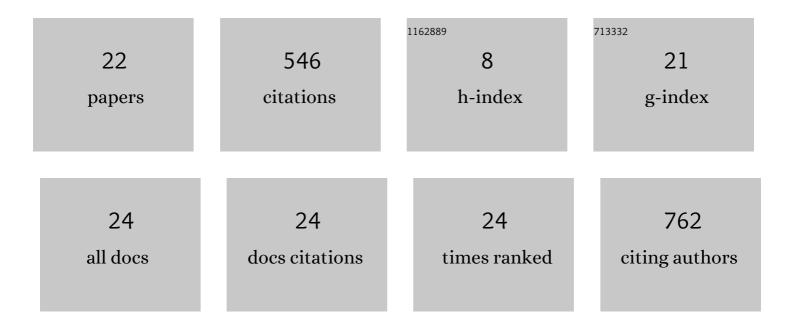
## **B-J Wang**

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/314723/publications.pdf Version: 2024-02-01



R-LWANC

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Statistical Study of Approaching Strong Diffusion of Lowâ€Energy Electrons by Chorus and ECH Waves<br>Based on <i>In Situ</i> Observations. Journal of Geophysical Research: Space Physics, 2022, 127, .  | 0.8 | 4         |
| 2  | Active auroral arc powered by accelerated electrons from very high altitudes. Scientific Reports, 2021, 11, 1610.   | 1.6 | 6         |
| 3  | Investigation of Smallâ€Scale Electron Density Irregularities Observed by the Arase and Van Allen<br>Probes Satellites Inside and Outside the Plasmasphere. Journal of Geophysical Research: Space Physics,<br>2021, 126, e2020JA027917.            | 0.8 | 10        |
| 4  | Multiâ€Event Analysis of Plasma and Field Variations in Source of Stable Auroral Red (SAR) Arcs in Inner<br>Magnetosphere During Nonâ€Stormâ€Time Substorms. Journal of Geophysical Research: Space Physics,<br>2021, 126, e2020JA029081.           | 0.8 | 7         |
| 5  | Extremely Collimated Electron Beams in the High Latitude Magnetosphere Observed by Arase.<br>Geophysical Research Letters, 2021, 48, e2020GL090522.   | 1.5 | 0         |
| 6  | Arase Observation of Simultaneous Electron Scatterings by Upperâ€Band and Lowerâ€Band Chorus<br>Emissions. Geophysical Research Letters, 2021, 48, e2021GL093708.   | 1.5 | 2         |
| 7  | Magnetic Field and Energetic Particle Flux Oscillations and Highâ€Frequency Waves Deep in the Inner<br>Magnetosphere During Substorm Dipolarization: ERG Observations. Journal of Geophysical Research:<br>Space Physics, 2021, 126, e2020JA029095. | 0.8 | 2         |
| 8  | 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         |
| 9  | Do There Exist Energy Closures to the Observed Mirror Waves?. Geophysical Research Letters, 2021, 48, e2021GL095483.  | 1.5 | 2         |
| 10 | Arase Observation of the Source Region of Auroral Arcs and Diffuse Auroras in the Inner<br>Magnetosphere. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027310.   | 0.8 | 7         |
| 11 | Pitchâ€Angle Scattering of Inner Magnetospheric Electrons Caused by ECH Waves Obtained With the<br>Arase Satellite. Geophysical Research Letters, 2020, 47, e2020GL089926.  | 1.5 | 7         |
| 12 | Plasma and Field Observations in the Magnetospheric Source Region of a Stable Auroral Red (SAR) Arc<br>by the Arase Satellite on 28 March 2017. Journal of Geophysical Research: Space Physics, 2020, 125,<br>e2020JA028068.                        | 0.8 | 8         |
| 13 | Comprehensive Observations of Substormâ€Enhanced Plasmaspheric Hiss Generation, Propagation, and<br>Dissipation. Geophysical Research Letters, 2020, 47, e2019GL086040.   | 1.5 | 21        |
| 14 | The Space Physics Environment Data Analysis System (SPEDAS). Space Science Reviews, 2019, 215, 9.   | 3.7 | 332       |
| 15 | Density Depletions Associated With Enhancements of Electron Cyclotron Harmonic Emissions: An ERG<br>Observation. Geophysical Research Letters, 2018, 45, 10,075.  | 1.5 | 10        |
| 16 | Substormâ€Associated Ionospheric Flow Fluctuations During the 27 March 2017 Magnetic Storm:<br>SuperDARNâ€Arase Conjunction. Geophysical Research Letters, 2018, 45, 9441-9449.   | 1.5 | 9         |
| 17 | Low-energy particle experiments–electron analyzer (LEPe) onboard the Arase spacecraft. Earth,<br>Planets and Space, 2017, 69, .   | 0.9 | 43        |
| 18 | Slow shock and rotational discontinuity in MHD and Hall MHD models with anisotropic pressure.<br>Journal of Geophysical Research: Space Physics, 2016, 121, 6245-6261.  | 0.8 | 7         |

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|----|--|-----|-----------|
| 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        |