



**Binbin Ni**

**CHINA**

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### Employment

04/2013 – present Professor, Wuhan University, China  
01/2010 – 12/2013 Assistant Researcher & Associate Researcher, UCLA, USA  
10/2007 – 12/2009 Post-doctoral Researcher, UCLA, USA  
10/2005 – 2007/09 Post-doctoral Fellow, Memorial University of Newfoundland, Canada

**Education:** Dr. Sc. in Space Physics (2005), M.Sc. in Space Physics (2002), B.Sc. in Radio Physics (2000); all at Wuhan University, China.

### Research Interests

Radiation belt particle dynamics (acceleration, loss and transport); Wave-particle interactions in geospace; Origins of the diffuse aurora and magnetospheric particle precipitation; Numerical modeling techniques and data assimilation methodology for space weather.

### Scientific Awards & Honors

2005 **International Union of Radio Science (URSI) Young Scientist Award** for excellent research in ionospheric physics  
2014 **Invited Attendee of First & Second Forums for New Leaders in Space Sciences co-organized by Chinese Academy of Sciences and U. S. National Academy of Sciences** for significant contributions in the area of radiation belt physics and auroral physics  
2015 **Awardee of Distinguished Young Faculty of Wuhan University** for excellence in research and education performance, 2015  
2016 **Chinese Fu Chengyi Youth Science and Technology Award** for significant contributions to radiation belt physics  
2015 & 2017 **Editor's Citation for Excellence in Refereeing for GRL**  
2019 **International Union of Geodesy and Geophysics (IUGG) Early Career Scientist Award** for outstanding work in the fields of radiation belt physics and auroral physics

### Publications and Presentations

**158 refereed, SCI-indexed articles** in scientific journals (2 in *Nature*, 1 in *Nature Physics*, 1 in *Space Sci. Rev.*, 29 in *Geophys. Res. Lett.*, 77 in *J. Geophys. Res.*);  
**3367 citations** including those from *Nature* and *Science*; **h-index 29** (*ISI Web of Science*, May 2018);  
**8 papers featured by press releases** on National Geographic Daily News, Science Daily, New Scientist, Yahoo News, NASA Website, GFZ News, AGU EOS News, UCLA Newsroom, WVU News, WHU News and EPP Cover;  
**46 invited talks** at scientific conferences, workshops, seminars, universities, and institutes.