



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.