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Publications see website at ADS

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Education Background

1985 , 12 – 1987 , 05 Beijing Astronomical Observatory, Chinese Academy of Sciences, Ph.D. in astrophysics, Ph.D. Thesis – Observational Studies of the Small-Scale Magnetic field on Solar Surface

1978 , 10 - 1981 , 11 Graduate School of Chinese Academy of Sciences, M.S. in astrophysics, Thesis – Spectrum Analysis of Solar Prominences

1963 , 09 - 1969 , 07 Peking University, Geophysics Department,

Meteorology , Bachelor equivalent

Working Experiences –

1970, 03 – 1973, 03 School teacher in Dagujia Middle School of Qingyuan County, Liaoning Province

1973, 03 – 1978, 10 Weather man in Qingyuan Meteorology Station , Assistant engineer

1981, 12 – 2001, 04 Beijing Astronomical Observatory of Chinese Academy of Sciences (CAS) , Assistant Professor (1981, 12 - 1989, 09), Associate Professor(1989, 09 – 1992, 10) , Full Professor (1992, 10 – 2001, 04) , Research on solar physics

2001, 04 –now National Astronomical Observatories of CAS, Full professor , Carrying the solar physics research

2015, 01 - now University of Chinese Academy of Sciences (UCAS), Full Professor

Awards and Membership -

1989, 11 the Second Natural Science Award of CAS

1994, 11 the first National Science Award of CAS

2001, 10 the first Science and Technology Award of Beijing

2009, 11 the second National Natural Science Award

2012, 09 Y.C. Chang Award of Chinese Astronomical Society

1993 – Member of the International Astronomical Union

1999 - 2019 Editorial board member of Solar Physics

2001 - 2018 Editor-in-Chief of Research in Astronomy and Astrophysics

2013 – Member of Chinese Academy of Sciences

Representative Publications

1. Wang, J., Zirin,H., and Shi,Z., The smallest observable elements of magnetic flux, *Solar Phys.* 98 (1985), 241-253.
2. Livi,S.H.B., Wang,J., and Martin,S.F., The cancellation of magnetic flux I. On the quiet sun, *Aust. J. Phys.* 38(1985), 855-871.
3. Martin,S.F., Livi,S.H.B., and Wang,J., The cancellation of magnetic flux II. In a decaying active region, *Aust. J. Phys.* 38 (1985), 929-959.
4. Wang,J., Shi,Z., Flare-associated magnetic changes in an active region II. Flux emergence and cancellation, *Solar Phys.*, 143(1993), 119-139.
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8. Wang,J., Shi,Z., and Martin,S.F., Filament disturbance and associated magnetic changes in the filament environment, *A&A* 316(1996), 201-214.
9. Wang,J., A note on the evolution of magnetic helicity in active regions, *Solar Phys.*, 163(1996), 319-325.
10. Wang,J., Shi,Z., Wang,H., and Lu,Y., Flares and the magnetic nonpotentiality, *Ap.J.*, 456(1996), 861-878.
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12. Jiang,Y. and Wang,J., Photospheric magnetic field changes associated with the activations of a quiescent filament, *A&A*(2000) , 356, 1055-1066.
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14. Zhang,J., Wang,J., Deng,Y., and Wu,D., Magnetic flux cancellation associated with the major solar event on 2000 JULY 14, *Ap.J.*, 548(2001), L99-L102.
15. Jiang,Y. and Wang,J., Filament activity and photospheric magnetic evolution related to flares, *A&A*, 367(2001), 1022-1032.
16. Li,K., Wang,J., Xiong,S.Y., Liang,H.F., Yun,H.S., and Gu,X.M., Regularity of the north-south asymmetry of Solar activity, *A&A*, 383(2002), 648-652.
17. Zhang,C., Gelfreikh,G.B., Wang,J., Magnetic Field Strengths and Structures from Radio Observations of Solar Active Regions, *ChJAA*, 2(2002), 266-276.
18. Wang,Y.M., Ye,P.Z., Wang,S., Zhou,G.P., Wang,J. A statistical study on the geoeffectiveness of Earth-directed coronal mass ejections from March 1997 to December 2000, *J. Geophys. Res.* 107(A11)(2002), Art.No. 1340.
19. Guiping Zhou, Jingxiu Wang and Zhuoliang Cao, Correlation between halo coronal mass ejections and solar surface activity, *A&A*, 397(2003), 1057-1067.
20. Zhang,J., Solanki,S.K., Wang,J., On the nature of moving magnetic feature pairs around sunspots, *A&A*, 399(2003), 755-761.
21. Wang,J., Zhou,G., Wang,Y., Song,L., Circular Polarization in a Solar Filament, *Solar Phys.*, 216(2003), 143-157..

22. Lou, Y.-Q., Wang, Y.-M., Fan, Z., Wang, S., Wang, J., Periodicities in solar coronal mass ejections, *MNRAS*, 345(2003), 809-818.
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24. Tu, C.-Y., Zhou, C., Marsch, E., Xia, L.-D., Zhao, L., Wang, J.-X., Wilhelm, K. Solar Wind Origin in Coronal Funnels, *Science*, 308(22) (2005), 519-523.
25. Zhang, Y. Z.; Hu, Y. Q.; Wang, J. X. Double Catastrophe of Coronal Flux Rope in Quadrupolar Magnetic Field, *ApJ*, 626(2005), 1096-1101.
26. Zhao, Hui; Wang, Jing-Xiu; Zhang, Jun; Xiao, Chi-Jie, A New Method of Identifying 3D Null Points in Solar Vector Magnetic Fields, *ChJAA*, 5(2005), 443-447.
27. Wen, Yayuan; Wang, Jingxiu; Maia, Dalmiro Jorge Filipe; Zhang, Yuzong; Zhao, Hui; Zhou, Guiping, Spatial and Temporal Scales of Coronal Magnetic Restructuring in the Development of Coronal Mass Ejections, *Solar Phys.* 239 (2006), 257-276.
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33. Xiao, C. J.; Wang, X. G.; Pu, Z. Y.; Zhao, H.; Wang, J. X.; Ma, Z. W.; Fu, S. Y.; Kivelson, M. G.; Liu, Z. X.; Zong, Q. G.; and 5 coauthors, In situ evidence for the structure of the magnetic null in a 3D reconnection event in the Earth's magnetotail, *Nature Phys.* 2(2006), 478-483.
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