

Yang Liu

- EDUCATION:

B.S., Astrophysics, Peking University, 1986

M.S., Astrophysics, Beijing Normal University, 1989

Ph.D., Astrophysics, Beijing Astronomical Observatory, 1996

- PROFESSIONAL EXPERIENCE:

2004-present: Senior Research Scientist, W. W. Hansen Experimental Physics Lab., Stanford University

1999–2004: Research Associate, W. W. Hansen Experimental Physics Lab., Stanford University

1997–1999: Postdoctoral Research Fellow, Hiraizo Solar Terrestrial Research Center, Japan

1989–1997: Research Associate, Beijing Astronomical Observatory, China

- PROFESSIONAL SOCIETIES AND AWARDS:

Member of American Astronomical Society

Member of American Geophysical Union

- SELECTED PUBLICATIONS:

1. “Photospheric Magnetic Field Observations During The May 12 1997 CME And Their Implications For Modelling That Event”, Liu, Y., 2004, *Journal of Atmospheric and Solar-Terrestrial Physics*, 2004, **66**, 1283.
2. “Correction of Offset in the MDI/SOHO Magnetograms”, Liu, Y., X.P. Zhao, J. T. Hoeksema, 2004, *Solar Physics*, 2004, **219**, 39.
3. “Tilt and α_{best} of major flare-producing active regions”, Tian, L., Y. Liu, *Astronomy and Astrophysics*, 2003, **407**, L13.
4. “Latitude and Magnetic Flux Dependence of Tilt Angle Of Bipolar Magnetic Regions”, Tian, L., Y. Liu, H. Wang, *Solar Physics*, 2003, **215**, 281.
5. “The most Violent Super Active Regions in 22nd and 23rd Cycles”, Tian, L., Liu, Y., Wang, J., 2002, *Solar Physics*, **209**, 361.
6. “On formation of sigmoidal structure in solar active region NOAA8100”, Liu, Y., X.P. Zhao, J. T. Hoeksema, P. H. Scherrer, J. Wang, and Y. Yan, 2002, *Solar Physics*, **206**, 333.
7. “Center-to-limb angle dependence of phases ($v, \delta|B|$) observed with the Michelson Doppler Imager”, Norton, A. A., R. K. Ulrich, Y. Liu, 2001, *Ap.J.*, **561**, 435.
8. “A flare due to the interaction of a small loop and a large loop”, Liu, Y., M. Akioka, Y. Yan, J. Sato, 1998, *Solar Physics*, **180**, 377.
9. “An analysis of photospheric vector magnetograms, H α images and soft X-ray images in a superactive region NOAA7321”, Liu, Y., M. Akioka, Y. Yan, and G. Ai, 1998, *Solar Physics*, **177**, 395.