

Yang Yang

Curriculum Vitae

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Employment

- 2022–present **Postdoctoral Researcher**, *Purple Mountain Observatory, Chinese Academy of Sciences*, Nanjing, China
- 2021–2022 **Postdoctoral Researcher**, *Nanjing University*, Nanjing, China
- 2017–2021 **Postdoctoral Researcher**, *Shanghai Astronomical Observatory*, Shanghai, China

Education

- 2010–2017 **Ph.D. in Astrophysics**, *School of Astronomy & Space Science*, Nanjing University
Thesis: A Radio Study of Nearby Low-luminosity Active Galactic Nuclei with Interferometric Observations, Advisor: Zhiyuan Li
- 2006–2010 **B.A. in Computer Science**, *Information Science and Technology College*, Dalian Maritime University

Other Research Experience

- 2014 **Visiting Research Student**, *Queen's University*, Kingston, Canada
- 2011 **Visiting Research Student**, *National Radio Astronomy Observatory*, Socorro, NM

Research Interests

AGN Feedback, Nearby Galaxies, Radio Jet, Neutral H I Gas, Circumgalactic Medium

Participated Large Proposals

- 2014–Present **CHANG-ES (Continuum Halos of Nearby Galaxies – an EVLA Suvery)**, *PI: Judith Irwin*, Queen's University, Kingston, Canada

Accepted Observing Proposals

Data	Facility	Time	Status
2021	FAST	30 hrs	Deep Mapping of Diffuse HI in M86 group (PI)
2021	VLA	8 hrs	The Nuclear Bubble of the Virgo Cluster Galaxy NGC 4438 (co-I)
2021	VLA	6 hrs	Exploring the Radio Emission from M31* (co-I)
2020	VLA	6 hrs	Exploring a radio outflow from the quiescent supermassive black hole in M32 (co-I)
2016	VLBI	20 hrs	Dissecting the compact radio emission from the nucleus of M31 with VLBA (co-I)
2015	VLA	28 hrs	high-resolution follow-up study of radio jets in CHANG-ES galaxies (PI)

Grants and Awards

- 2023 National Science Fund for Young Scholars (CNY: 300,000)
- 2019 Shanghai Sailing Program (CNY: 200,000)
- 2015 Nanjing University Excellent PhD Candidates Innovation Program, Plan B.
- 2012 Nanjing University Zhengzhiwei Enterprise Scholarship

Publications

Refereed Publications

Publications at ADS: <https://ui.adsabs.harvard.edu/public-libraries/2VuJvgLBQSOiqPquXY8b9g>

- 7 Li, J.-T., Wang, Q. D., Wiegert, T., Bregman, Joel N., Beck, Rainer, Damas-Segovia, Ancor, Irwin, Judith A., Ji, Li, Stein, Yelena, Sun, Wei, **Yang, Yang**, *CHANG-ES XXIX: the sub-kpc nuclear bubble of NGC 4438*. 2022, **MNRAS**, **515**, **2483L**
- 6 **Yang, Yang**, Judith Irwin, Jiangtao Li, Theresa Wiegert, Q. Daniel Wang, Wei Sun, A. Damas-Segovia, Zhiyuan Li, Zhiqiang Shen, Rene A. M. Walterbos, Carlos J. Vargas, *CHANG-ES. XXIV. First Detection of A Radio Nuclear Ring and Potential LLAGN in NGC 5792*. 2022, **ApJ**, **927**, **11P**
- 5 Eric S. Perlman, Eileen T. Meyer, Q. Daniel Wang, Qiang Yuan, Richard Henriksen, Judith Irwin, Jiangtao Li, Theresa Wiegert, Haochuan Li, and Yang Yang, *Lightcurve Evolution of the nearest Tidal Disruption Event: A late-time, radio-only flare* . 2021, **ApJ**, **925**, **143P**
- 4 Peng, Sijia; Li, Zhiyuan; Sjouwerman, Loránt O.; **Yang, Yang**; Xie, Fuguo; Yuan, Feng, *Resolving the Nuclear Radio Emission from M32 with the Very Large Array*. 2020, **ApJ**, **894**, **61P**
- 3 Irwin, Judith A.; Henriksen, Richard N.; WeŻgowiec, Marek; Damas-Segovia, Ancor; Wang, Q. Daniel; Krause, Marita; Heald, George; Dettmar, Ralf-Jürgen; Li, Jiang-Tao; Wiegert, Theresa; Stein, Yelena; Braun, Timothy T.; Im, Jisung; Schmidt, Philip; Macdonald, Scott; Miskolczi, Arpad; Merritt, Alison; Mora-Partiarroyo, S. C.; Saikia, D. J.; Sotomayor, Carlos; **Yang, Yang**, *CHANG-ES - XI. Circular polarization in the cores of nearby galaxies*. 2018, **MNRAS**, **474**. **5057**
- 2 **Yang, Yang**; Li, Zhiyuan; Sjouwerman, Loránt O.; Feng Yuan, Zhi-Qiang Shen, *Very Large Array Multiband Monitoring Observations of M31**. 2015, **ApJ**, **845**, **140**
- 1 **Yang, Yang**; Li, Zhiyuan; Sjouwerman, Loránt O.; Wang, Q. Daniel; Gu, Qiusheng; Kraft, Ralph P.; Yuan, Feng, *Detection of a Compact Nuclear Radio Source in the Local Group Elliptical Galaxy M32*. 2015, **ApJL**, **807**, **L19**

in Preparation

- 1 **Yang, Yang**, CHANG-ES members, et al., *10 kpc Radio Lobe Tracing Relics of AGN Feedback in The Sombrero Galaxy*. to be submitted
- 2 **Yang, Yang**, CHANG-ES members, et al., *Whether bubbles are blowing out along the galaxy disk in NGC 5084?*. to be determined