

Wenjin Yang

Address: Purple Mountain Observatory, CAS, No.10 Yuanhua Road, Qixia District, Nanjing, China, 210023

Phone: 86-15651961721

E-mail: wjyang@pmo.ac.cn, wjyangwhu@gmail.com

ORCID: <https://orcid.org/0000-0002-3599-6608>

Research Interests

- Astronomical masers
- Astrochemistry
- Star formation in molecular clouds
- The structure and dynamics of the Milky Way

Education

- 2014.09-2020.07
Ph.D in Astrophysics, Purple Mountain Observatory & University of science and technology of China
Thesis: Observational studies of class I methanol masers
Supervisors: Prof. Dr. Ye Xu, Prof. Dr. Xi Chen
- 2010.09-2014.06
Bachelor of Engineering in Geographical Information System, School of Resource and Environmental Sciences, Wuhan University
GPA: 3.43/4.00

Refereed Publications

1. [*A New 95 GHz Methanol Maser Catalog. I. Data*](#)
2017, ApJS, 231, 20
Wenjin Yang, Ye Xu, Xi Chen, Simon P. Ellingsen, Dengrong Lu, Binggang Ju, Yingjie Li

2. [44 GHz Methanol Masers: Observations toward 95 GHz Methanol Masers](#)
2020, *ApJS*, 248, 18
Wenjin Yang, Ye Xu, Yoon Kyung Choi, Simon P. Ellingsen, Andrej M. Sobolev, Xi Chen, Jingjing Li, Dengrong Lu
3. [Molecular Gas toward the Gemini OBI Molecular Cloud Complex. II. CO Outflow Candidates with Possible WISE Associations](#)
2018, *ApJS*, 235, 15
Yingjie Li, Fa-Cheng Li, Ye Xu, Chen Wang, Xin-Yu Du, **Wenjin Yang**, Ji Yang
4. [Searching for further evidence for cloud-cloud collisions in L1188](#)
2019, *A&A*, 632, 115
Y. Gong, X. D. Tang, C. Henkel, K. M. Menten, R. Q. Mao, Y. Wang, M.-Y. Lee, W. S. Zhu, Y. Lin, S. B. Zhang, X. P. Chen, **W. J. Yang**

Proposals

- 2017 **Effelsberg-100m** (65-17) 28.9 hours rating: 2
“[Ammonia observations toward 95 GHz methanol masers](#)”
Wenjin Yang, Ye Xu, Jingjing Li, Xi Chen, Simon P. Ellingsen, Yoon Kyung Choi, Karl Menten
- 2017A **VLBA** (legacy ID: BY140) 24 hours rating: A
“[Locating the very distant Outer Scutum Centaurus spiral arm of the Milky Way](#)”
Wenjin Yang, Ye Xu, Mark Reid, Jingjing Li, Thomas Dame, Karl Menten, Yan Sun
- 2016B **KVN-21m single-dish** (KVN-16B-SD-03) 77 hours rating: B
“[44 GHz Methanol Masers Search Towards 95 GHz Masers](#)”
Yoon Kyung Choi, **Wenjin Yang**, Ye Xu, Xi Chen, Simon P. Ellingsen

Presentation

- 07/2019, [Symposium on molecular clouds and star formation 2019](#), Altay, China(talk), “[44 GHz Methanol Masers: Observations toward 95 GHz Methanol Masers](#)”
- 10/2017, [Symposium on molecular clouds and star formation 2017](#), Yichang, China(talk), “[The new catalog of 95 GHz methanol maser](#)”

- 11/2016: The Chinese Annual Astronomy/Astrophysics Meeting, Wuhan, China (talk), “*The Current Status of 95 GHz methanol masers observations*”

Honor and Awards

- 2020 Outstanding graduate, University of science and technology of China
- 2017 National scholarship for master student, University of science and technology of China
- 2014-2015 Merit student, University of Chinese Academy of Sciences

Skills of Note

- Software: GILDAS, LATEX, Origin, python (basic)
- Operating systems: Mac OS, Windows
- Observing experience: PMO-13.7 m (3 months, on site)
- Speaking languages: Chinese (mother tongue), English (fluent)