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现任职务：中国科学院新疆天文台党委书记，射电天文与技术国家重点实验室学术委员会委员、新疆射电天体物理实验室主任，新疆维吾尔自治区科学技术协会兼职副主席，中国天文学会第十五届理事会副理事长，中国电子学会会士,中国天眼（FAST）科技委员会主任、LACT 工程科学技术委员会委员。

主要研究内容：主要从事射电天文、大口径射电望远镜相关技术研究。作为脉冲星研究团队学科带头人，在国内率先建成了具有国际水平的脉冲星到达时间观测系统，实现了重要学科开拓，带动了我国脉冲星实测研究。具体工作包括脉冲星到达时间噪声、辐射模式变换、星际介质、脉冲星双星演化、脉冲星计时和导航应用研究。作为首席科学家主持科技部 973 项目，重点研发项目，开展大口径射电望远镜概念设计、科学目标预研究、关键技术研究等工作。

主持、参与科研项目：

1. 在研项目

1) 基于 FAST 的脉冲星前沿物理问题研究，国家自然科学基金专项项目，2021-2025，负责人

2) 脉冲星引力波探测科学和技术研究 天山英才培养计划,2023-2026,负责人

3) 新疆射电天体物理重点实验室—自治区科研创新平台人才团队支持计划,自治区重点实验室创新平台,2023-2025,负责人

4) 毫秒脉冲星高精度测时研究,自治区重大科技专项,2022-2027,负责人

5) 百米级全可动射电望远镜反射面全工况动态测量与控制研究,国家重点研发计划引力波探测重点专项,2021-2026,负责人

6) 恒星结构、演化与爆发,国家自科学基金基础科学中心,2023-2027,核心骨干

2. 已完成项目

1) 110 米大口径全可动射电望远镜关键技术研究，国家任务-国家（973）计划，2015-2019，负责人

2) 脉冲星及相关天体物理现象多波段研究，中国科学院计划-战略性先导专项 B，2014-2017，参与

3) 110 米射电望远镜天文观测系统的建立，中国科学院计划，2012-2015，负责人

4) 新疆射电天体物理实验室，地方任务，2009-2015，负责人

5) 高能剧烈活动现象的多波段观测，国家任务，2009-2013，参与

6) 探月工程，其他任务，2004-2015，负责人

7) 围绕提高 QTT 性能的关键技术方案设计与研究，天文财政专项，2019-2021，负责人

8) 致密天体观测研究，重点研发计划，2016-2021，参与

获奖情况：

1. 2023 年，新疆维吾尔自治区自然科学奖一等奖（排名第一）
2. 2019 年，第六届中国电子学会优秀科技工作者
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4. 2015 年，全国先进工作者
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6. 2011 年，新疆维吾尔自治区优秀科技工作者
7. 2010 年，中科院朱李月华优秀教师奖
8. 2010 年，探月工程嫦娥二号任务突出贡献者
9. 2009 年，王宽诚西部学者突出贡献奖
10. 2009 年，第三届“中国科学院十大杰出妇女”称号
11. 2008 年，新疆维吾尔自治区第九批“突出贡献优秀专家”
12. 2007 年，新世纪百千万人才工程国家级人选
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15. 2005 年，“自治区先进工作者”荣誉称号
16. 2004 年，新疆维吾尔自治区科技进步一等奖（排名第二）
17. 2003 年，第一届“新疆青年科技奖”
18. 1999 年，新疆维吾尔自治区科技进步一等奖（排名第九）

代表性科研成果（著作、论文、专利等）：

1. Bai, Juntao; Wang, Na*; Dai, Shi; Wang, Shuangqiang; Yuan, Jianping; Yan, Wenming; Shang, Lunhua; Xu, Xin; Dang, Shijun; Zhang, Zhen, "Deep Searches for Radio Pulsations and Bursts from Four Magnetar and a Magnetar-like Pulsar with FAST", 2025, ApJ, 979, 122

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3. Yang, Lei; Wang, Na*; Liu, Zhiyong; Li, Ning, "Tracking and Disturbance Suppression of the Radio Telescope Servo System Based on the Equivalent-Input-Disturbance Approach", 2024, Advances in Astronomy, 2024(5786292

4. Yuan, Ye; Liu, Zhi-Yong; Wang, Na*, "Measuring Track-Related Pointing Errors on the Nanshan Radio Telescope with an Optical Pointing Telescope", 2024, Advances in Astronomy, 2024(1538293 9

5. Zhao, D.; Wang, N.*; Yuan, J. P.*; Li, D.*; Wang, P.; Xue, M. Y.; Zhu, W. W.; Miao, C. C.; Yan, W. M.; Wang, J. B.; Yao, J. M.; Wu, Q. D.; Wang, S. Q.; Sun, S. N.; Kou, F. F.; Chen, Y. T.; Dang, S. J.; Feng, Y.; Liu, Z. J.; Miao, X. L.; Meng, L. Q.; Yuan, M.; Niu, C. H.; Niu, J. R.; Qian, L.; Wang, S.; Xie, X. Y.; Xiao, Y. F.; Yue, Y. L.; You, S. P.; Yu, X. H.; Zhao, R. S.; Yuen, R.; Zhou, X.; Zhang, L.; Wang, Y. B.; Wu, J. F.; Gan, Z. Y.; Sun, Z. Y.; Wang, C. J., "A Relativistic Double Neutron Star Binary PSR J1846-0513", 2024, Astrophysical Journal Letters, 964(1), L7

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8. Li, Ning*; Wang, Na*; Liu, Zhiyong; Yang, Lei, "Active Disturbance Rejection-based Double-loop Control Design for Large Antenna's Servo System", 2023, Publications of the Astronomical Society of the Pacific, 135(1053), 115001

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