

- 6) 高能剧烈活动现象的多波段观测，国家任务，2009-2013，负责人
- 7) 探月工程，其他任务，2004-2015，负责人

获奖情况：

1. 2019 年，第六届中国电子学会优秀科技工作者
2. 2018 年，新疆维吾尔自治区科技进步一等奖
3. 2017 年，自治区优秀归国留学人员
4. 2015 年，全国先进工作者
5. 2012 年，全国优秀科技工作者
6. 2012 年，全国测绘科技进步三等奖
7. 2011 年，新疆维吾尔自治区优秀科技工作者
8. 2010 年，中科院朱李月华优秀教师奖
9. 2010 年，探月工程嫦娥二号任务突出贡献者
10. 2009 年，王宽诚西部学者突出贡献奖
11. 2009 年，第三届“中国科学院十大杰出妇女”称号
12. 2008 年，新疆维吾尔自治区第九批“突出贡献优秀专家”
13. 2007 年，新世纪百千万人才工程国家级人选
14. 2007 年，国务院“政府特殊津贴”
15. 2006 年，第七届“新疆十大杰出青年”称号
16. 2005 年，“自治区先进工作者”荣誉称号
17. 2004 年，新疆维吾尔自治区科技进步一等奖
18. 2003 年，第一届“新疆青年科技奖”
19. 1999 年，新疆维吾尔自治区科技进步一等奖

代表性科研成果（著作、论文、专利等）：

1. Jiang, L.; Wang, N.; Chen, W. C.; Li, X. D.; Liu, W. M.; Gao, Z. F., A strange star scenario for the formation of isolated millisecond pulsars, *A&A*, 2020
2. Yan, W. M.; Manchester, R. N.; Wang, N.; Wen, Z. G.; Yuan, J. P.; Lee, K. J.; Chen, J. L., Periodic mode changing in PSR J1048-5832, *MNRAS*, 2020
3. Han, W.; Wang, J. B.; Wang, N.; Sun, G. W.; He, D. L., A method of ground target positioning by observing radio pulsars, *Exp Astron*, 2020

4. Han, W.; Wang, N.; Wang, J. B.; Yuan, J. P.; He, D. L., Using single millisecond pulsar for terrestrial position determination, *Ap&SS*, 2019
5. Wang, Y. B.; Zhou, X.; Wang, N.; Liu, X. W., The r-mode instability windows of strange stars, *RAA*, 2019
6. Yan, W. M.; Manchester, R. N.; Wang, N.; Yuan, J. P.; Wen, Z. G.; Lee, K. J., Periodic Q-mode modulation in PSR J1825-0935 (PSR B1822-09), *MNRAS*, 2019
7. Kou, F. F.; Yuan, J. P.; Wang, N.; Yan, W. M.; Dang, S. J., The spin-down state change and mode change associated with glitch activity of PSR B2035+36, *MNRAS*, 2018
8. Pan, Y. Y.; Zhang, C. M.; Song, L. M.; Wang, N.; Li, D.; Yang, Y. Y., The minimum magnetic field of millisecond pulsars calculated according to accretion: application to the X-ray neutron star SAX J1808.4-3658 in a low-mass X-ray binary, *MNRAS*, 2018
9. Yan, W. M.; Wang, N.; Manchester, R. N.; Wen, Z. G.; Yuan, J. P., Single-pulse observations of the Galactic centre magnetar PSR J1745-2900 at 3.1 GHz, *MNRAS*, 2018
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11. 赵聪, 许谦, 王娜, 项斌斌, 新疆奇台 110 米射电望远镜主焦点馈源换馈方案研究, *天文研究与技术*, 2017
12. Yao, J. M.; Manchester, R. N.; Wang, N., Determination of the Sun's offset from the Galactic plane using pulsars, *MNRAS*, 2017
13. Yao, J. M.; Manchester, R. N.; Wang, N., A New Electron-density Model for Estimation of Pulsar and FRB Distances, *ApJ*, 2017
14. Yuan, J. P.; Manchester, R. N.; Wang, N. et al., Pulse profiles and timing of PSR J1757-2421, *MNRAS*, 2017
15. Gao, Z. F.; Wang, N.; Shan, H.; Li, X.-D.; Wang, W., The Dipole Magnetic Field and Spin-down Evolutions of the High Braking Index Pulsar PSR J1640-4631, *ApJ*, 2017
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17. Zhu, C.; Gao, Z. F.; Li, X. D.; Wang, N.; Yuan, J. P. et al., Modified Fermi energy of electrons in a superhigh magnetic field, *Morden Phys. Lett. A.*, 2016
18. 肖明, 王娜, 刘志勇, 大气折射对射电望远镜高精度指向的影响, *天文研究与技术*, 2016
19. 许谦, 王娜, QTT 天线结构挑战与进展, *天文学进展*, 2016
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21. Wang, Z.; Wang, N.; Ping, J. S., Electron content near the lunar surface using

- dual-frequency VLBI tracking data in a single lunar orbiter mission, RAA, 2015
22. Gao, Z. F.; Wang, N.; Xu, Y.; Shan, H.; Li, X.-D., The effects of superhigh magnetic fields on the equations of state of neutron stars , *Astronomische Nachrichten*, 2015
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 25. Pan, Y. Y.; Wang, N.; Zhang, C. M., Binary pulsars in magnetic field versus spin period diagram, *Ap&SS*, 2013
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 27. Wang, N.; Yuan, J. P.; Liu, Z. Y.; et al., Recent glitches detected in the Crab pulsar, *Ap&SS*, 2012
 28. Chen, D., Zhu, X. Z., Wang, N., Research on Ensemble Pulsar Time Based on Observed Data, *Chinese Astronomy & Astrophysics*, 2012
 29. Gao, Z. F.; Wang, N.; Song, D. L.; Yuan, J. P.; Chou, C.-K., The effects of intense magnetic fields on Landau levels in a neutron star, *Ap&SS*, 2011
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 34. Chen, J. L.; Wang, H. G.; Wang, N. et al., Long term monitoring of mode switching for PSR B0329+54, *ApJ*, 2011
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 36. Wang, N., Pulsar glitches detected at Urumqi, *Highlights of Astronomy*, 2010
 37. Yuan, J. P.; Wang, N.; Manchester, R. N. et al., A Very Large Glitch in PSR B2334+61, *ApJL*, 2010
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43. Wang, N.; Johnston, S.; Manchester, R. N., 13 years of timing of PSR B1259-63, MNRAS, 2004
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