PUBLICATIONS

NASA ADS records as of October 2022:
Total: 42 publications, 39 in refereed journals, 3,918 citations.
As first author: 6 publications, 196 citations.

I. FIRST-AUTHORED PAPERS

6. **Yang, Q.**; Shen, Y. (2023). *A Southern Photometric Quasar Catalog from the Dark Energy Survey Data Release 2.* ApJS, 264, 9.

5. **Yang, Q.**; Shen, Y.; Liu, X., et al. (2020). *Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys.* ApJ, 900, 58.

4. **Yang, Q.**; Shen, Y.; Chen, Y.-C.; Liu, X. et al. (2020). *Spectral Variability of a Sample of Extreme Variability Quasars and Implications for the Broad-line Region.* MNRAS, 493, 5773

3. **Yang, Q.**; Shen, Y.; Liu, X.; Wu, X.-B; Jiang, L.; Shangguan, J.; Graham, M.; Yao, S. (2019). *An Unusual Mid-Infrared Flare in a Type 2 AGN: An Obscured Turning-on AGN or Tidal Disruption Event?* ApJ, 885, 110

2. **Yang, Q.**; Wu, X.-B.; Fan, X.; Jiang, L.; McGreer, I.; Shangguan, J.; Yao, S.; Wang, B.; Joshi, R.; Green, R.; Wang, F.; Feng, X.; Fu; Y.; Yang, J.; Liu, Y. (2018). *Discovery of 21 New Changing-look AGNs in Northern Sky.* ApJ, 862, 109

1. **Yang, Q.**; Wu, X.-B; Fan, X.; Jiang L.; McGreer, I. D.; Green, R.; Yang, J.; Schindler J.-T.; Wang, F.; Zuo, W.; Fu, Y. (2017). *Quasar Photometric Redshifts and Candidate Selection: A New Algorithm Based on Optical and Mid-Infrared Photometric Data.* AJ, 154, 269

II. Contributed PAPERS

36. Zhang, H.; **Yang, Q.**; Wu, X.-B. (2018). *Broadband Photometric Reverberation Mapping Analysis on SDSS-RM and Stripe 82 Quasars.* ApJ, 853, 116

35. Zeltyn, G.; Trakhtenbrot, B.; Eracleous, M.; Runnoe, J.; Trump, J.; Stern, J.; Shen, Y.; Hernández-García, L.; Bauer, F.; **Yang, Q.** et al. (2022). *A Transient "Changing-look" Active Galactic Nucleus Resolved on Month Timescales from First-year Sloan Digital Sky Survey V Data* ApJL, 939, L16

34. Burke, C.; Liu, X.; Shen, Y.; Phadke, K.; **Yang, Q.** et al. (2022). *Dwarf AGNs from Optical Variability for the Origins of Seeds (DAVOS): insights from the dark energy survey deep fields* MNRAS, 516, 2736

33. Fu, Y.; Wu, X.-B.; Jiang, L.; Zhang, Y., Huo, Z.; Ai, Y.; **Yang, Q.** et al. *Finding Quasars behind the Galactic Plane. II. Spectroscopic Identifications of 204 Quasars at* $|b| < 20^\circ$ ApJS, 261, 32

32. Stone, Z., Shen, Y., Burke, C. J., Chen, Y.-C. ; **Yang, Q.** et al. (2022). *Optical variability of quasars with 20-yr photometric light curves* MNRAS, 514, 164

31. Chen, Y.-C., Hwang, H.-C., Shen, Y., Liu, X.; Zakamska, N. L.; **Yang, Q.**; Li, J. I. (2022). *Varstrometry for Off-nucleus and Dual Subkiloparsec AGN (VODKA): Hubble Space Telescope Discovers Double Quasars* ApJ, 925, 162

30. Burke, C. J.; Shen, Y.; Blaes, O.; Gammie, C. F. ; Horne, K. ; Jiang, Y.-F. ; Liu, X. ; McHardy, I. M. ; Morgan, C. W. ; Scaringi, S.; **Yang, Q.** (2021). *A characteristic Optical Variability Time Scale in Astrophysical Accretion Disks* Science, 373, 789

29. Fu, Y., Wu, X.-B., **Yang, Q.**, Brown, A. G. A.; Feng, X.; Ma, Q.; Li, S. (2021). *Finding Quasars behind the Galactic Plane. I. Candidate Selections with Transfer Learning* ApJS, 254, 6

28. Burke, C. J.; Shen, Y.; Chen, Y.-C.; Scaringi, S.; Faucher-Giguere, C.-A.; Liu, X.; **Yang, Q.** (2020). *Optical Variability of the Dwarf AGN NGC 4395 from the Transiting Exoplanet Survey Satellite.* ApJ, 899, 136

27. Luo, Y.; Shen, Y.; **Yang, Q.** (2020). *Characterization of optical light curves of extreme variability quasars over a ∼16-yr baseline.* MNRAS, 494, 3686.

26. Guo, H.; Shen, Y.; He, Z.; Wang, T.; Liu, X.; Wang, S.; Sun, M.; **Yang, Q.**; Kong, M.; Sheng, Z. (2019). *Understanding Broad Mg II Variability in Quasars with Photoionization.* ApJ, 888, 58

25. Zou, H.; Zhou, X.; Fan, X. and 45 co-authors including **Yang, Q.** (2019). *The Third Data Release of the Beijing-Arizona Sky Survey.* ApJS, 245, 4.

24. DESI Collaboration, Dey, A.; Schlegel, D. J.; Lang, D.; and 158 co-authors including **Yang, Q.** (2019). *Overview of the DESI Legacy Imaging Surveys.* AJ, 157, 168

23. Yang, J.; Wang, F.; Fan, X.; Wu, X.-B.; Bian, F.; Banados, E.; Yue, M.; Schindler, J.-T.; **Yang, Q.**; Jiang, L.; McGreer, I. D.; Green, R.; Dye, S. (2019). *Filling in the Quasar Redshift Gap at z∼5.5. II. A Complete Survey of Luminous Quasars in the Post-reionization Universe.* ApJ, 871, 199

22. Yao, S.; Wu, X.-B.; Ai, Y. L.; Yang, J; **Yang, Q.**; et al. (2019). *The Large Sky Area Multi-object Fiber Spectroscopic Telescope (LAMOST) Quasar Survey: The Fourth and Fifth Data Releases.* ApJS, 240, 6

21. Li, Z.; McGreer, I. D.; Wu, X.-B.; Fan, X.; **Yang, Q.** (2018). *The Ensemble Photometric Variability of Over* 10^5 *Quasars in the Dark Energy Camera Legacy Survey and the Sloan Digital Sky Survey.* ApJ, 861, 6

20. Dong, X.; Wu, X.-B.; Ai, Y.; Yang, J.; **Yang, Q.**; Wang, F.; Zhang, Y.; Luo, A.; Xu, H.; Yuan, H.; Zhang, J.; Wang, M.; Wang, L.; Li, Y.; Zuo, F.; Hou, W.; Guo, Y.; Kong, X.; Chen, X.; Wu, Y.; Yang, H.; Yang, M. (2018). *The Large Sky Area Multi-Object Fibre Spectroscopic Telescope (LAMOST) Quasar Survey: Quasar Properties from Data Release Two and Three.* AJ, 155, 189

19. Yang, J.; Wu, X.-B.; Liu, D.; **Yang, Q.**, Fan, X.; Wang, F.; McGreer, I. D.; Fan, Z.; Yuan, S.; Shan, H. (2018). *Deep CFHT Y - band imaging of VVDS-F22 field: II. Quasar selection and quasar luminosity function at* $0.5 < z < 4.5$. AJ, 155, 110

18. Schindler, J.-T.; Fan, X.; McGreer, I.; **Yang, Q.**; Wu, J.; Jiang, L.; Green, R. (2017). *The Extremely Luminous Quasar Survey (ELQS) in the SDSS Footprint I: Infrared Based Candidate Selection.* ApJ, 851, 13

17. Zou, H.; Zhang, T.; Zhou, Z. and 25 co-authors including **Yang, Q.** (2017). *The First Data Release of the Beijing-Arizona Sky Survey.* AJ, 153, 276

16. Wang, F.; Fan, X.; Yang, J.; Wu, X.-B.; **Yang, Q.**; Bian, F.; McGreer, I. D.; Li, J.-T.; Dey, A.; Findlay, J. R.; Green, R.; Jiang, L.; Lang, D.; Myers, A. D.; Schlegel, D. J.; Shanks, T. (2017). *First Discoveries of $z > 6$ Quasars with the DECam Legacy Survey and UKIRT Hemisphere Survey.* ApJ, 839, 27

15. Yi, W.; Green, R.; Bai, J.-M.; Wang, T.; Grier, C. J.; Trump, J. R.; Br,t, W. N.; Zuo, W.; Yang, J.; Wang, F.; Yang, C.; Wu, X.-B.; Zhou, H.; Fan, X.; Jiang, L.; **Yang, Q.**, Varricatt, W.; Kerr, T.; Milne, P.; Benigni, S.; Wang, J.-G.; Zhang, J.; Wang, F.; Wang, C.-J.; Xin, Y.-X.; Fan, Y.-F.; Chang, L.; Zhang, X.; Lun, B.-L. (2017). *The physical constraints on a new LoBAL QSO at $z = 4.82$.* ApJ, 838, 135

14. Yang, J.; Fan, X.; Wu, X.-B.; Wang, F.; Bian, F.; **Yang, Q.**; McGreer, I. D.; Yi, W.; Jiang, L.; Green, R.; Yue, M.; Wang, S.; Li, Z.; Ding, J.; Dye, S.; Lawrence (2017). *Discovery of 16 new $z \sim 5.5$ quasars: Filling in the redshift gap of quasar color selection.* AJ, 153,184

13. Jiang, L.; McGreer, I. D.; Fan, X.; Strauss, M. A.; Banados, E.; Becker, R. H.; Bian, F.; Farnsworth, K.; Shen, Y.; Wang, F.; Wang, R.; Wang, S.; White, R. L.; Wu, J.; Wu, X.-B.; Yang, J.; **Yang, Q.** (2016). *The Final SDSS High-Redshift Quasar Sample of 52 Quasars at $z > 5.7$.* ApJ, 833, 222

12. Bañados, E.; Venemans, B. P.; Decarli, R. and 33 co-authors including **Yang, Q.** (2016). *The Pan-STARRS1 Distant $z > 5.6$ Quasar Survey: More than 100 Quasars within the First Gyr of the Universe.* ApJS, 227, 11

11. DESI Collaboration, Aghamousa, A.; Aguilar, J.; and 290 co-authors including **Yang, Q.** (2016). *The DESI Experiment Part II: Instrument Design.* arXiv:1611.00037

10. DESI Collaboration, Aghamousa, A.; Aguilar, J.; and 290 co-authors including **Yang, Q.** (2016). *The DESI Experiment Part I: Science,Targeting, and Survey Design.* arXiv:1611.00036

9. Yang, J.; Wang, F.; Wu, X.-B.; Fan, X.; McGreer, I. D.; Bian, F.; Yi, W.; **Yang, Q.**, Ai, Y.; Dong, X.; Zuo, W.; Green, R.; Jiang, L.; Wang, S.; Wang, R.; Yue, M. (2016). *A Survey of Luminous High-redshift Quasars with SDSS and WISE. II. the Bright End of the Quasar Luminosity Function at $z \sim 5$.* ApJ, 829, 33

8. Wang, F.; Wu, X.-B.; Fan, X.; Yang, J.; Yi, W.; Bian, F.; McGreer, I.D.; **Yang, Q.**, Ai, Y.; Dong, X.; Zuo, W.; Jiang, L.; Green, R.; Wang, S.; Cai, Z.; Wang, R.; Yue, M. (2016). *A Survey of Luminous High-redshift Quasars with SDSS and WISE. I. Target Selection and Optical Spectroscopy.* ApJ, 819, 24

7. Ai, Y.L.; Wu, X.-B.; Yang, J.; **Yang, Q.** et al. (2016). *The Large Sky Area Multi-object Fiber Spectroscopic Telescope Quasar Survey: Quasar Properties from the First Data Release.* AJ, 151, 24

6. Yi, W.-M.; Wu, X.-B.; Wang, F.; Yang, J.; **Yang, Q.**; Bai, J. (2015). *Discovery of two broad absorption line quasars at redshift about 4.75 using the Lijiang 2.4 m telescope.* Science China Physics, Mechanics, and Astronomy, 58, 5685

5. Wang, F.; Wu, X.-B.; Fan, X.; Yang, J.; Cai, Z.; Yi, W.; Zuo, W.; Wang, R.; McGreer, I.D.; Ho, L.C.; Kim, M.; **Yang, Q.**, Bian, F.; Jiang, L. (2015). *An Ultra-luminous Quasar at $z = 5.363$ with a Ten Billion Solar Mass Black Hole and a Metal-rich DLA at $z \sim 5$.* ApJ, 807, 9

4. Wu, X.-B.; Wang, F.; Fan, X.; Yi, W.; Zuo, W.; Bian, F.; Jiang, L.; McGreer, I.D.; Wang, R.; Yang, J.; **Yang, Q.**, Thompson, D.; Beletsky, Y. (2015). *An ultraluminous quasar with a twelve-billion-solar-mass black hole at redshift 6.30.* Nature, 518, 512

3. Yi, W.-M.; Wang, F.; Wu, X.-B.; Yang, J.; Bai, J.-M.; Fan, X.; Br,t, W. N.; Ho, L. C.; Zuo, W.; Kim, M.; Wang, R.; **Yang, Q.**, Zhang, J.-j.; Wang, F.; Wang, J.-G.; Ai, Y.; Fan, Y.-F.; Chang, L.; Wang, C.-J.; Lun, B.-L.; Xin, Y.-X. (2014). *SDSS J013127.34−032100.1: A Newly Discovered Radio-loud Quasar at* $z = 5.18$ *with Extremely High Luminosity.* ApJ, 795L, 29

2. Wu, X.-B.; Zuo, W.; Yang, J.; **Yang, Q.** , Wang, F. (2013). *Discovering bright quasars at intermediate redshifts based on the optical/near-IR colors.* AJ, 146, 100

1. Wu, X.-B.; Zuo, W.-W.; **Yang, Q.**, Yi, W.-M.; Yang, C.-W.; Liu, W.-J.; Jiang, P.; Shu, X.-W.; Zhou, H.-Y. (2012). *Discovery of six high-redshift quasars with the Lijiang 2.4m telescope and the Multiple Mirror Telescope.* Research in Astronomy and Astrophysics, 12, 1185