

# Refereed Publications of Jinyi Yang

## BIBLIOGRAPHY

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**Total publications:** 111 refereed publications, including **12 first-author** and **23 second or third-author** publications

**NASA ADS link:** <https://ui.adsabs.harvard.edu/public-libraries/gIxy-ICCS4KohS2WPou0bA>

**Google Scholar link:** <https://scholar.google.com/citations?user=mqyUR4QAAAAJ>

**Total citations:** > **8400** (ADS); > **10000** (Google Scholar) as of October 2024

**h-index:** **42** (ADS); **46** (Google Scholar)

## FIRST-AUTHOR PUBLICATIONS

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12. **Yang, J.**, Wang, F., Fan, X., Hennawi, J. F., Barth, A. J., Bañados, E., Sun, F., Liu, W., Cai, Z., Jiang, L., Li, Z., Onoue, M., Schindler, J.-T., Shen, Y., Wu, Y., Bhowmick, A. K., Bieri, R., Blecha, L., Bosman, S., Champagne, J. B., Colina, L., Connor, T., Costa, T., Davies, F. B., Decarli, R., De Rosa, G., Drake, A. B., Egami, E., Eilers, A.-C., Evans, A. E., Farina, E. P., Habouzit, M., Haiman, Z., Jin, X., Jun, H. D., Kakiichi, K., Khusanova, Y., Kulkarni, G., Loiacono, F., Lupi, A., Mazzucchelli, C., Pan, Z., Rojas-Ruiz, S., Strauss, M. A., Tee, W. L., Trakhtenbrot, B., Trebitsch, M., Venemans, B., Vestergaard, M., Volonteri, M., Walter, F., Xie, Z.-L., Yue, M., Zhang, H., Zhang, H., Zou, S., *A SPECTROSCOPIC SURVEY OF BIASED HALOS IN THE REIONIZATION ERA (ASPIRE): A FIRST LOOK AT THE REST-FRAME OPTICAL SPECTRA OF  $z > 6.5$  QUASARS USING JWST*. **ApJL**, 951, L5, (2023)
11. **Yang, J.**, Fan, X., Gupta, A., Myers, A., Palanque-Delabrouille, N., Wang, F., Yèche, C., et al. *DESI  $z \gtrsim 5$  QUASAR SURVEY. I. A FIRST SAMPLE OF 400 NEW QUASARS AT  $z \sim 4.7 - 6.6$* . **ApJS**, 269, 27 (2023)
10. **Yang, J.**, Fan, X., Wang, F., Lanzuisi, G., Nanni, R., Cappi, M., Chartas, G., Dadina, M., Decarli, R., Jin, X., Keeton, C. R., Venemans, B., Walter, F., Wang, R., Wu, X.-B., Yue, M., Zabludoff, A., *DEEP XMM-NEWTON OBSERVATION OF A X-RAY WEAK, BROAD ABSORPTION LINE QUASAR AT  $z = 6.5$* . **ApJL**, 924, 25 (2022)
9. **Yang, J.**, Wang, F., Fan, X., Barth, A., Hennawi, J., Nanni, R., Bian, F., Davies, F., Farina, E. P., Schindler, J.-T., Banados, E., Decarli, R., Eilers, A.-C., Green, R., Guo, H., Jiang, L., Li, J.-T., Venemans, B., Walter, F., Wu, X.-B., Yue, M., *PROBING EARLY SUPER-MASSIVE BLACK HOLE GROWTH AND QUASAR EVOLUTION WITH NEAR-INFRARED SPECTROSCOPY OF 37 REIONIZATION-ERA QUASARS AT  $6.3 < z \leq 7.64$* . **ApJ**, 923, 262 (2021)
8. **Yang, J.**, Wang, F., Fan, X., Hennawi, J., Davies, F., Yue, M., Banados, E., Wu, X.-B., Venemans, B., Barth, A., Bian, F., Decarli, R., Farina, E. P., Green, R., Jiang, L., Li, J.-T., Mazzucchelli, C., Walter, F., *PŌNIUĀ'ENA: A LUMINOUS  $z = 7.5$  QUASAR HOSTING A 1.5 BILLION SOLAR MASS BLACK HOLE*. **ApJL**, 897, 14 (2020)
7. **Yang, J.**, Wang, F., Fan, X., Hennawi, J., Davies, F., Yue, M., Eilers, A.-C., Farina, E. P., Wu, X.-B., Bian, F., Pacucci, F., Lee, K.-G., *MEASUREMENTS OF THE  $z \sim 6$  INTERGALACTIC MEDIUM OPTICAL DEPTH AND TRANSMISSION SPIKES USING A NEW  $z > 6.3$  QUASAR SAMPLE*. **ApJ**, 904, 26 (2020)

6. **Yang, J.**, Venemans, B., Wang, F., Fan, X., Novak, M., Decarli, R., Walter, F., Yue, M., Momjian, E., Keeton, C. R., Wang, R., Zabludoff, A., Wu, X.-B., Bian, F., *Far-infrared Properties of the Bright, Gravitationally Lensed Quasar J0439+1634 at  $z = 6.5$* . **ApJ**, 880, 153 (2019)
5. **Yang, J.**, Wang, F., Fan, X., Yue, M., Wu, X.-B., Li, J.-T., Bian, F., Jiang, L., Bañados, E., Beletsky, Y., *Exploring Reionization-era Quasars. IV. Discovery of Six New  $z \gtrsim 6.5$  Quasars with DES, VHS, and unWISE Photometry*. **AJ**, 157, 236 (2019)
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3. **Yang, J.**, Wu, X.-B., Liu, D., Fan, X., Yang, Q., Wang, F., McGreer, I. D., Fan, Z., Yuan, S., Shan, H., *Deep CFHT Y-band Imaging of VVDS-F22 Field. II. Quasar Selection and Quasar Luminosity Function*. **AJ**, 155, 110 (2018)
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1. **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., *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 (2016)

## SECOND- AND THIRD-AUTHOR PUBLICATIONS

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23. Champagne, J. B., Wang, F., **Yang, J.**, Fan, X., Hennawi, J. F., Sun, F., Bañados, E., Bosman, S. E. I., Costa, T., Habouzit, M., Jin, X., Jun, H. D., Li, M., Liu, W., Loiacono, F., Lupi, A., Mazzucchelli, C., Pudoka, M., Rojas-Ruiz, S., Tee, W. L., Trebitsch, M., Zhang, H., Zhuang, M.-Y., Zou, S., *A Quasar-Anchored Protocluster at  $z=6.6$  in the ASPIRE Survey: II. An Environmental Analysis of Galaxy Properties in an Overdense Structure*. **ApJ accepted**, arXiv:2410.03827, (2024)
- \*22. Jin, X., **Yang, J.**, Fan, X., Wang, F., Kakiichi, K., Meyer, R. A., Becker, G. D., Zou, S., Bañados, E., Champagne, J. B., D’Odorico, V., Yue, M., Bosman, S. E. I., Cai, Z., Eilers, A.-C., Hennawi, J. F., Jun, H. D., Li, M., Li, Z., Liu, W., Pudoka, M., Satyavolu, S., Sun, F., Tee, W. L., Wu, Y., *A SPectroscopic survey of biased halos In the Reionization Era (ASPIRE): JWST Supports Earlier Reionization around [OIII] Emitters*. **ApJ accepted**, arXiv:2410.01318, (2024) (\*First author is a graduate student co-advised by Yang, J.)
21. Wang, F., **Yang, J.**, Fan, X., Venemans, B., Decarli, R., Bañados, E., Walter, F., Barth, A. J., Bian, F., Davies, F. B., Eilers, A.-C., Farina, E. P., Hennawi, J. F., Li, J.-T., Mazzucchelli, C., Wang, R., Wu, X.-B., Yue, M., *A Spatially Resolved [CII] Survey of 31  $z \sim 7$  Massive Galaxies Hosting Luminous Quasars*. **ApJ accepted**, arXiv:2404.15413, (2024)
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Venemans, B., Walter, F., *A Massive Protocluster Anchored by a Luminous Quasar at  $z = 6.63$* . **ApJL**, 962, L11, (2024)

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- \*17. Yue, M., Fan, X., **Yang, J.**, Wang, F., *A Mock Catalog of Gravitationally-lensed Quasars for the LSST Survey*. **AJ**, 163, 139, (2022) (\*First author is a graduate student co-advised by Yang, J.)
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8. Yi, W., Zuo, W., **Yang, J.**, Wang, F., Timlin, J., Grier, C., Wu, X.-B., Fan, X., Bai, J.-M., *Spectroscopy of Broad Absorption Line Quasars at  $3 \lesssim z \lesssim 5$ . I. Evidence for Quasar Winds Shaping Broad/Narrow Emission Line Regions*. **ApJ**, 893, 95, (2020)
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3. Liu, D., **Yang, J.**, Yuan, S., Wu, X.-B., Fan, Z., Shan, H., Yan, H., Zheng, X., *Deep CFHT Y-band Imaging of VVDS-F22 Field. I. Data Products and Photometric Redshifts*. **AJ**, 153, 53, (2017)
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1. Wu, X.-B., Zuo, W., **Yang, J.**, Yang, Q., Wang, F., *Discovering Bright Quasars at Intermediate Redshifts Based on Optical/Near-infrared Colors*. **AJ**, 146, 100, (2013)

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77. Champagne, J. B., Wang, F., Zhang, H., **Yang, J.**, Fan, X., Hennawi, J. F., Sun, F., Bañados, E., Bosman, S. E. I., Costa, T., Eilers, A.-C., Endsley, R., Jin, X., Jun, H. D., Li, M., Lin, X., Liu, W., Loiacono, F., Lupi, A., Mazzucchelli, C., Pudoka, M., Protušová, K., Rojas-Ruiz, S.,

- Tee, W. L., Trebitsch, M., Venemans, B. P., Zhuang, M.-Y., Zou, S., *A Quasar-Anchored Protocluster at  $z=6.6$  in the ASPIRE Survey: I. Properties of [OIII] Emitters in a 10 Mpc Overdensity Structure*. **arXiv e-prints**, arXiv:2410.03826, (2024)
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74. Onorato, S., Hennawi, J. F., Schindler, J.-T., **Yang, J.**, Wang, F., Barth, A. J., Bañados, E., Eilers, A.-C., Bosman, S. E. I., Davies, F. B., Venemans, B. P., Mazzucchelli, C., Belladitta, S., Vito, F., Farina, E. P., Andika, I. T., Fan, X., Walter, F., Decarli, R., Onoue, M., Nanni, R., *Optical and near-infrared spectroscopy of quasars at  $z > 6.5$ : public data release and composite spectrum*. **arXiv e-prints**, arXiv:2406.07612, (2024)
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