Publication List

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Citations: >**6700** total citations (>**2500** for 1st and 2rd authored publications) as of June 2024

Number of refereed publications: 117 *h*-**index: 39** *i*10-**index: 84**

Publications Led by My Students† and Postdocs‡

– Champagne‡, J. B., **Wang, F.**, Zhang, H., et al., *A Quasar-Anchored Protocluster at $z = 6.6$ in the ASPIRE Survey: I. Properties of [OIII] Emitters in a 10 Mpc Overdensity Structure.* Submitted to ApJ [Link]

– Lin†, X., **Wang, F.**, Fan, X., et al., *A SPectroscopic survey of biased halos In the Reionization Era (ASPIRE): Broad-line AGN at $z = 4-5$ revealed by JWST/NIRCam WFSS.* Submitted to ApJ [Link]

3. Pudoka†, M., **Wang, F.**, Fan, X., Yang, J., Champagne, J., Jones, V., Bian, F., Cai, Z., Jiang, L., Liu, D., Wu, X.-B., *Large Scale Overdensity of Lyman Break Galaxies Around the z=6.3 Ultraluminous Quasar J0100+2802.* Accepted for publication in **ApJ** [ADS]

2. Wu†, Y., **Wang, F.**, Cai, Z., Fan, X., Finlator, K., Yang, J., Hennawi, J. F., Sun, F., Champagne, J. B., Lin, X., Li, Z., Chen, Z., Bañados, E., Becker, G. D., Bosman, S. E. I., Bruzual, G., Charlot, S., Chen, H.-W., Chevallard, J., Eilers, A.-C., Farina, E. P., Jin, X., Jun, H. D., Kakiichi, K., Li, M., Liu, W., Pudoka, M. A., Tee, W. L., Xie, Z.-L., Zou, S., *A SPectroscopic survey of biased halos In the Reionization Era (ASPIRE): JWST Discovers an Overdensity around a Metal Absorption-selected Galaxy at $z \sim 5.5$.* **ApJL**, 956, L40, (2023) [ADS]

1. Tee†, W. L., Fan, X., **Wang, F.**, Yang, J., Malhotra, S., Rhoads, J. E., *Predicting the Yields of $z > 6.5$ Quasar Surveys in the Era of Roman and Rubin.* **ApJ**, 956, 52, (2023) [ADS]

First and Second Authored Publications

25. **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**, 968, 9, (2024) [ADS]

24. **Wang, F.**, Yang, J., Hennawi, J. F., Fan, X., Yue, M., Bañados, E., Bechtel, S., Bian, F., Bosman, S., Champagne, J. B., Davies, F. B., Decarli, R., Farina, E. P., Mazzucchelli, C., Venemans, B., Walter, F., *A Massive Protocluster Anchored by a Luminous Quasar at $z = 6.63$.* **ApJL**, 962, L11, (2024) [ADS]

23. 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) [ADS]

22. **Wang, F.**, Yang, J., Hennawi, J. F., Fan, X., Sun, F., Champagne, J. B., Costa, T., Habouzit, M., Endsley, R., Li, Z., Lin, X., Meyer, R. A., Schindler, J.-T., Wu, Y., Bañados, E., Barth, A. J., Bhowmick, A. K., Bieri, R., Blecha, L., Bosman, S., Cai, Z., Colina, L., Connor, T., Davies, F. B., Decarli, R., De Rosa, G., Drake, A. B., Egami, E., Eilers, A.-C., Evans, A. E., Farina, E. P., Haiman, Z., Jiang, L., Jin, X., Jun, H. D., Kakiichi, K., Khusanova, Y., Kulkarni, G., Li, M., Liu, W., Loiacono, F., Lupi, A., Mazzucchelli, C., Onoue, M., Pudoka, M. A., Rojas-Ruiz, S., Shen, Y., Strauss, M. A.,

Tee, W. L., Trakhtenbrot, B., Trebitsch, M., Venemans, B., 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): JWST Reveals a Filamentary Structure around a z=6.61 Quasar.* **ApJL**, 951, L4, (2023) [ADS]

21. Yang, J., **Wang, F.**, Fan, X., Barth, A. J., Hennawi, J. F., Nanni, R., Bian, F., Davies, F. B., 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) [ADS]
20. Li, J.-T., **Wang, F.**, Yang, J., Bregman, J. N., Fan, X., Zhang, Y., *A Chandra survey of* $z \geq 4.5$ *quasars.* **MNRAS**, 504, 2767, (2021) [ADS]
19. **Wang, F.**, Fan, X., Yang, J., Mazzucchelli, C., Wu, X.-B., Li, J.-T., Banados, E., Farina, E. P., Nanni, R., Ai, Y., Bian, F., Davies, F. B., Decarli, R., Hennawi, J. F., Schindler, J.-T., Venemans, B., Walter, F., *Revealing the Accretion Physics of Supermassive Black Holes at Redshift* $z \sim 7$ *with Chandra and Infrared Observations.* **ApJ**, 908, 53, (2021) [ADS]
18. **Wang, F.**, Yang, J., Fan, X., Hennawi, J. F., Barth, A. J., Banados, E., Bian, F., Boutsia, K., Connor, T., Davies, F. B., Decarli, R., Eilers, A.-C., Farina, E. P., Green, R., Jiang, L., Li, J.-T., Mazzucchelli, C., Nanni, R., Schindler, J.-T., Venemans, B., Walter, F., Wu, X.-B., Yue, M., *A Luminous Quasar at Redshift 7.642.* **ApJL**, 907, L1, (2021) [ADS]
17. Li, J.-T., **Wang, F.**, Yang, J., Zhang, Y., Fu, Y., Bian, F., Bregman, J. N., Fan, X., Li, Q., Wu, X.-B., Yu, X., *Chandra Detection of Three X-ray Bright Quasars at* $z > 5$. **ApJ**, 906, 135, (2021) [ADS]
16. Davies, F. B., **Wang, F.**, Eilers, A.-C., Hennawi, J. F., *Constraining the Gravitational Lensing of* $z \gtrsim 6$ *Quasars from Their Proximity Zones.* **ApJL**, 904, 32 (2020) [ADS]
15. Yang, J., **Wang, F.**, Fan, X., Hennawi, J. F., Davies, F. B., 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) [ADS]
14. Yang, J., **Wang, F.**, Fan, X., Hennawi, J. F., Davies, F. B., Yue, M., Banados, E., Wu, X.-B., Venemans, B., Barth, A. J., Bian, F., Boutsia, K., Decarli, R., Farina, E. P., Green, R., Jiang, L., Li, J.-T., Mazzucchelli, C., Walter, F., *Pōniua'ena: A Luminous* $z = 7.5$ *Quasar Hosting a 1.5 Billion Solar Mass Black Hole.* **ApJL**, 897, L14 (2020) [ADS]
13. **Wang, F.**, Davies, F. B., Yang, J., Hennawi, J. F., Fan, X., Barth, A. J., Jiang, L., Wu, X.-B., Mudd, D. M., Bañados, E., Bian, F., Decarli, R., Eilers, A.-C., Farina, E. P., Venemans, B., Walter, F., Yue, M., *A Significantly Neutral Intergalactic Medium Around the Luminous* $z = 7$ *Quasar J0252-0503.* **ApJ**, 896, 23 (2020) [ADS]
12. **Wang, F.**, Wang, R., Fan, X., Wu, X.-B., Yang, J., Neri, R., Yue, M., *Spatially Resolved Interstellar Medium and Highly Excited Dense Molecular Gas in the Most Luminous Quasar at* $z = 6.327$. **ApJ**, 880, 2 (2019) [ADS]
11. 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) [ADS]
10. **Wang, F.**, Yang, J., Fan, X., Wu, X.-B., Yue, M., Li, J.-T., Bian, F., Jiang, L., Bañados, E., Schindler, J.-T., Findlay, J. R., Davies, F. B., Decarli, R., Farina, E. P., Green, R., Hennawi, J. F., Huang, Y.-H., Mazzucchelli, C., McGreer, I. D., Venemans, B., Walter, F., Dye, S., Lyke, B. W., Myers, A. D., Nunez, E. H., *Exploring Reionization-Era Quasars III: Discovery of 16 Quasars at* $6.4 \lesssim z \lesssim 6.9$ *with DESI Legacy Imaging Surveys and UKIRT Hemisphere Survey and Quasar Luminosity Function at* $z \sim 6.7$. **ApJ**, 884, 30 (2019) [ADS]
9. Yang, J., **Wang, F.**, Fan, X., Wu, X.-B., Bian, F., Bañados, E., Yue, M., Schindler, J.-T., Yang, Q., Jiang, L., McGreer, I. D., Green, R., Dye, S., *Filling in the Quasar Redshift Gap at* $z \sim 5.5$. *II. A Complete Survey of Luminous Quasars in the Post-reionization Universe.* **ApJ**, 871, 199 (2019) [ADS]

8. Fan, X., **Wang, F.**, Yang, J., Keeton, C. R., Yue, M., Zabludoff, A., Bian, F., Bonaglia, M., Georgiev, I. Y., Hennawi, J. F., Li, J., McGreer, I. D., Naidu, R., Pacucci, F., Rabien, S., Thompson, D., Venemans, B., Walter, F., Wang, R., Wu, X.-B., *The Discovery of a Gravitationally Lensed Quasar at $z = 6.51$.* **ApJ**, 870, L11 (2019) [ADS]

7. **Wang, F.**, Yang, J., Fan, X., Yue, M., Wu, X.-B., Schindler, J.-T., Bian, F., Li, J.-T., Farina, E. P., Bañados, E., Davies, F. B., Decarli, R., Green, R., Jiang, L., Hennawi, J. F., Huang, Y.-H., Mazzuccheli, C., McGreer, I. D., Venemans, B., Walter, F., Beletsky, Y. *The Discovery of A Luminous Broad Absorption Line Quasar at A Redshift of 7.02.* **ApJL**, 869, L9 (2018) [ADS]

6. **Wang, F.**, Fan, X., Yang, J., Wu, X.-B., Yang, Q., Bian, F., McGreer, I. D., Li, J.-T., Li, Z., Ding, J., Dey, A., Dye, S., Findlay, J. R., Green, R., James, D., Jiang, L., Lang, D., Lawrence, A., Myers, A. D., Ross, N. P., Schlegel, D. J., Shanks, T., *First Discoveries of $z > 6$ Quasars with the DECam Legacy Survey and UKIRT Hemisphere Survey.* **ApJ**, 839, 27 (2017) [ADS]

5. 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) [ADS]

4. **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., *A Survey of Luminous High-redshift Quasars with SDSS and WISE. I. Target Selection and Optical Spectroscopy.* **ApJ**, 819, 24 (2016) [ADS]

3. **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., *An Ultra-luminous Quasar at $z = 5.363$ with a Ten Billion Solar Mass Black Hole and a Metal-rich DLA at $z \sim 5$.* **ApJL**, 807, L9 (2015) [ADS]

2. 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., *An Ultraluminous Quasar with A Twelve-Billion-Solar-Mass Black Hole at Redshift 6.30.* **Nature**, 518, 512-515 (2015) [ADS]

1. Yi, W.-M., **Wang, F.**, Wu, X.-B., Yang, J., Bai, J.-M., Fan, X., Brandt, 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., *SDSS J013127.34-032100.1: A Newly Discovered Radio-loud Quasar at $z = 5.18$ with Extremely High Luminosity.* **ApJL**, 795, L29 (2014) [ADS]

Other Refereed Publications

89. Zhu, Y., Becker, G. D., Bosman, S. E. I., Cain, C., Keating, L. C., Nasir, F., D'Odorico, V., Bañados, E., Bian, F., Bischetti, M., Bolton, J. S., Chen, H., D'Aloisio, A., Davies, F. B., Davies, R. L., Eilers, A.-C., Fan, X., Gaikwad, P., Greig, B., Haehnelt, M. G., Kulkarni, G., Lai, S., Puchwein, E., Qin, Y., Ryan-Weber, E. V., Satyavolu, S., Spina, B., Walter, F., **Wang, F.**, Wolfson, M., Yang, J., *Damping Wing-Like Features in the Stacked Lyα Forest: Potential Neutral Hydrogen Islands at $z < 6$.* **arXiv e-prints**, arXiv:2405.12275, (2024) [ADS]

88. Jiang, L., Fu, S., **Wang, F.**, Bosman, S. E. I., Cai, Z., Jun, H. D., Pan, Z., Sun, F., Yang, J., Zhang, H., *Constraints on the variation of the fine-structure constant at $3 < z < 10$ with JWST emission-line galaxies.* **arXiv e-prints**, arXiv:2405.08977, (2024) [ADS]

87. Bischetti, M., Choi, H., Fiore, F., Feruglio, C., Carniani, S., D'Odorico, V., Bañados, E., Chen, H., Decarli, R., Gallerani, S., Hlavacek-Larrondo, J., Lai, S., Leighly, K. M., Mazzucchelli, C., Perreault-Levasseur, L., Tripodi, R., Walter, F., **Wang, F.**, Yang, J., Vittoria Zanchettin, M., Zhu, Y., *Multi-phase black-hole feedback and a bright [CII] halo in a Lo-BAL quasar at $z \sim 6.6$.* **arXiv e-prints**, arXiv:2404.12443, (2024) [ADS]

86. Pizzati, E., Hennawi, J. F., Schaye, J., Schaller, M., Eilers, A.-C., **Wang, F.**, Frenk, C. S., Elbers, W., Helly, J. C., Mackenzie, R., Matthee, J., Bordoloi, R., Kashino, D., Naidu, R. P., Yue, M., *A unified model for the clustering of quasars and galaxies at $z \approx 6$.* **arXiv e-prints**, arXiv:2403.12140, (2024) [ADS]

85. Zhang, H., Behroozi, P., Volonteri, M., Silk, J., Fan, X., Aird, J., Yang, J., **Wang, F.**, Hopkins, P. F., *TRINITY IV: Predictions for Supermassive Black Holes at $z \sim 7$.* **arXiv e-prints**, arXiv:2309.07210, (2023) [ADS]

84. Tie, S. S., Hennawi, J. F., **Wang, F.**, Onorato, S., Yang, J., Bañados, E., Davies, F. B., Oñorbe, J., *First measurement of the Mg II forest correlation function in the Epoch of Reionization.* **arXiv e-prints**, arXiv:2308.11888, (2023) [ADS]

83. Greig, B., Mesinger, A., Bañados, E., Becker, G. D., Bosman, S. E. I., Chen, H., Davies, F. B., D'Odorico, V., Eilers, A.-C., Gallerani, S., Haehnelt, M. G., Keating, L., Lai, S., Qin, Y., Ryan-Weber, E., Satyavolu, S., **Wang, F.**, Yang, J., Zhu, Y., *IGM damping wing constraints on the tail end of reionization from the enlarged XQR-30 sample.* **MNRAS**, 530, 3208, (2024) [ADS]

82. Rojas-Ruiz, S., Mazzucchelli, C., Finkelstein, S. L., Bañados, E., Farina, E. P., Venemans, B. P., Decarli, R., Willott, C. J., **Wang, F.**, Walter, F., Congiu, E., Brammer, G., Zeidler, P., *Exploring the Mpc Environment of the Quasar ULAS J1342+0928 at $z = 7.54$.* **ApJ**, 967, 27, (2024) [ADS]

81. Loiacono, F., Decarli, R., Mignoli, M., Farina, E. P., Bañados, E., Bosman, S., Eilers, A.-C., Schindler, J.-T., Strauss, M. A., Vestergaard, M., **Wang, F.**, Blecha, L., Carilli, C. L., Comastri, A., Connor, T., Costa, T., Dotti, M., Fan, X., Gilli, R., Jun, H. D., Liu, W., Lupi, A., Marshall, M. A., Mazzucchelli, C., Meyer, R. A., Neeleman, M., Overzier, R., Pensabene, A., Riechers, D. A., Trakhtenbrot, B., Trebitsch, M., Venemans, B., Walter, F., Yang, J., *A quasar-galaxy merger at $z \sim 6.2$: Black hole mass and quasar properties from the NIRSpec spectrum.* **A&A**, 685, A121, (2024) [ADS]

80. Davies, F. B., Bosman, S. E. I., Gaikwad, P., Nasir, F., Hennawi, J. F., Becker, G. D., Haehnelt, M. G., D'Odorico, V., Bischetti, M., Eilers, A.-C., Keating, L. C., Kulkarni, G., Lai, S., Mazzucchelli, C., Qin, Y., Satyavolu, S., **Wang, F.**, Yang, J., Zhu, Y., *Constraints on the Evolution of the Ionizing Background and Ionizing Photon Mean Free Path at the End of Reionization.* **ApJ**, 965, 134, (2024) [ADS]

79. Zou, S., Cai, Z., **Wang, F.**, Fan, X., Champagne, J. B., Hennawi, J. F., Schindler, J.-T., Farina, E. P., Yang, J., Inayoshi, K., Bañados, E., Bosman, S. E. I., Li, Z., Lin, X., Wu, Y., Sun, F., Guo, Z., Kulkuarni, G., Habouzit, M., Charlot, S., Chevallard, J., Connor, T., Eilers, A.-C., Jiang, L., Jin, X., Kakiichi, K., Li, M., Meyer, R. A., Walter, F., Zhang, H., *A SPectroscopic survey of biased halos In the Reionization Era (ASPIRE): Impact of Galaxies on the Circumgalactic Medium Metal Enrichment at $z > 6$ Using the JWST and VLT.* **ApJL**, 963, L28, (2024) [ADS]

78. Wu, Y., Cai, Z., Li, J., Finlator, K., Neeleman, M., Prochaska, J. X., Emonts, B. H. C., Zhang, S., **Wang, F.**, Yang, J., Wang, R., Fan, X., Xu, D., Golden-Marx, E., Keating, L. C., Hennawi, J. F., *Searching for [CII] Emission from the First Sample of $z \sim 6$ OI Absorption-Associated Galaxies with ALMA.* **ApJ**, 958, 16, (2023) [ADS]

77. Yang, J., Fan, X., Gupta, A., Myers, A. D., Palanque-Delabrouille, N., **Wang, F.**, Yèche, C., Aguilar, J. N., Ahlen, S., Alexander, D. M., Brooks, D., Dawson, K., de la Macorra, A., Dey, A., Dhungana, G., Fanning, K., Font-Ribera, A., Gontcho, S., Guy, J., Honscheid, K., Juneau, S., Kisner, T., Kremin, A., Le Guillou, L., Levi, M., Magneville, C., Martini, P., Meisner, A., Miquel, R., Moustakas, J., Nie, J., Percival, W., Poppett, C., Prada, F., Schlafly, E., Tarlé, G., Vargas Magana, M., Weaver, B. A., Wechsler, R., Zhou, R., Zhou, Z., Zou, H., *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) [ADS]

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Vestergaard, M., Volonteri, M., Walter, F., **Wang, F.**, Yang, J., *Detection of stellar light from quasar host galaxies at redshifts above 6.* **Nature**, 621, 51, (2023) [ADS]

74. Mazzucchelli, C., Bischetti, M., D'Odorico, V., Feruglio, C., Schindler, J.-T., Onoue, M., Bañados, E., Becker, G. D., Bian, F., Carniani, S., Decarli, R., Eilers, A.-C., Farina, E. P., Gallerani, S., Lai, S., Meyer, R. A., Rojas-Ruiz, S., Satyavolu, S., Venemans, B. P., **Wang, F.**, Yang, J., Zhu, Y., *XQR-30: Black hole masses and accretion rates of 42 $z \gtrsim 6$ quasars.* **A&A**, 676, A71, (2023) [ADS]
73. Champagne, J. B., Casey, C. M., Finkelstein, S. L., Bagley, M., Cooper, O. R., Larson, R. L., Long, A. S., **Wang, F.**, *A Mixture of LBG Overdensities in the Fields of Three $6 < z < 7$ Quasars: Implications for the Robustness of Photometric Selection.* **ApJ**, 952, 99, (2023) [ADS]
72. D'Odorico, V., Bañados, E., Becker, G. D., Bischetti, M., Bosman, S. E. I., Cupani, G., Davies, R., Farina, E. P., Ferrara, A., Feruglio, C., Mazzucchelli, C., Ryan-Weber, E., Schindler, J.-T., Sodini, A., Venemans, B. P., Walter, F., Chen, H., Lai, S., Zhu, Y., Bian, F., Campo, S., Carniani, S., Cristiani, S., Davies, F., Decarli, R., Drake, A., Eilers, A.-C., Fan, X., Gaikwad, P., Gallerani, S., Greig, B., Haehnelt, M. G., Hennawi, J., Keating, L., Kulkarni, G., Mesinger, A., Meyer, R. A., Neeleman, M., Onoue, M., Pallottini, A., Qin, Y., Rojas-Ruiz, S., Satyavolu, S., Sebastian, A., Tripodi, R., **Wang, F.**, Wolfson, M., Yang, J., Zanchettin, M. V., *XQR-30: The ultimate XSHOOTER quasar sample at the reionization epoch.* **MNRAS**, 523, 1399, (2023) [ADS]
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