

Publication List

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Citations: >6100 total citations (>2300 for 1st and 2nd authored publications) as of Feb 2024

Number of refereed publications: 108 *h*-index: 37 *i*10-index: 78

Publications Led by My (Co-)advised Students[†]

2. Wu[†], Y., Wang, F., Cai, Z. et al., *A SPectroscopic survey of biased halos In the Reionization Era (ASPIRE): JWST Discovers an Overdensity around a Metal Absorption-selected Galaxy at $z \sim 5.5$* . **ApJ**, 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

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 $z = 6.63$* . **ApJ**, 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*. **ApJ**, 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*. **ApJ**, 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*. **ApJ**, 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*. **ApJ**, 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., *Pōniuā'ena: A Luminous $z = 7.5$ Quasar Hosting a 1.5 Billion Solar Mass Black Hole*. **ApJ**, 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., Mazzucchelli, 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*. **ApJ**, 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 $z \sim 5$.* **ApJ**, 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.* **ApJ**, 795, L29 (2014) [[ADS](#)]

Other Refereed Publications

82. Zou, S., Cai, Z., **Wang, F.**, Fan, X., Champagne, J. B., Hennawi, J. F., Schindler, J.-T., Farina, E. P., Yang, J., Inayoshi, K., Banados, E., Bosman, S. E. I., Li, Z., Lin, X., Wu, Y., Sun, F., Guo, Z.-Y., Kulkarni, 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 CGM Metal Enrichment at $z > 6$ Using the JWST and VLT.* **arXiv e-prints**, arXiv:2402.00113, (2024) [[ADS](#)]
81. 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.* **arXiv e-prints**, arXiv:2312.08464, (2023) [[ADS](#)]
80. 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](#)]
79. 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](#)]
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](#)]
76. Yang, D.-M., Schindler, J.-T., Nanni, R., Hennawi, J. F., Bañados, E., Fan, X., Gloudemans, A., Mazzucchelli, C., Rottgering, H., Venemans, B., **Wang, F.**, Yang, J., *High- z quasar candidate archive: a spectroscopic catalogue of quasars and contaminants in various quasar searches.* **MNRAS**, 528, 2679, (2024) [[ADS](#)]

75. Ding, X., Onoue, M., Silverman, J. D., Matsuoka, Y., Izumi, T., Strauss, M. A., Jahnke, K., Taufik Andika, I., Aoki, K., Baba, S., Bieri, R., Bosman, S. E. I., Eilers, A.-C., Fujimoto, S., Habouzit, M., Haiman, Z., Imanishi, M., Inayoshi, K., Iwasawa, K., Kashikawa, N., Kawaguchi, T., Kohno, K., Lee, C.-H., Li, J., Lupi, A., Lyu, J., Nagao, T., Overzier, R., Phillips, C. L., Schindler, J.-T., Schramm, M., Shimasaku, K., Toba, Y., Trakhtenbrot, B., Trebitsch, M., Treu, T., Umehata, H., Venemans, B. P., 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]
71. Davies, R. L., Ryan-Weber, E., D’Odorico, V., Bosman, S. E. I., Meyer, R. A., Becker, G. D., Cupani, G., Bischetti, M., Sebastian, A. M., Eilers, A.-C., Farina, E. P., **Wang, F.**, Yang, J., Zhu, Y., *The XQR-30 metal absorber catalogue: 778 absorption systems spanning $2 \lesssim z \lesssim 6.5$* . **MNRAS**, 521, 289, (2023) [ADS]
70. Yue, M., Fan, X., Yang, J., **Wang, F.**, *A Survey for High-redshift Gravitationally Lensed Quasars and Close Quasar Pairs. I. The Discoveries of an Intermediately Lensed Quasar and a Kiloparsec-scale Quasar Pair at $z \sim 5$* . **AJ**, 165, 191, (2023) [ADS]
69. Endsley, R., Stark, D. P., Lyu, J., **Wang, F.**, Yang, J., Fan, X., Smit, R., Bouwens, R., Hainline, K., Schouws, S., *ALMA confirmation of an obscured hyperluminous radio-loud AGN at $z = 6.853$ associated with a dusty starburst in the 1.5 deg^2 COSMOS field*. **MNRAS**, 520, 4609, (2023) [ADS]
68. Jin, X., Yang, J., Fan, X., **Wang, F.**, Bañados, E., Bian, F., Davies, F. B., Eilers, A.-C., Farina, E. P., Hennawi, J. F., Pacucci, F., Venemans, B., Walter, F., *(Nearly) Model-independent Constraints on the Neutral Hydrogen Fraction in the Intergalactic Medium at $z \sim 5 - 7$ Using Dark Pixel Fractions in $\text{Ly}\alpha$ and $\text{Ly}\beta$ Forests*. **ApJ**, 942, 59, (2023) [ADS]
67. Wu, Y., Cai, Z., Sun, F., Bian, F., Lin, X., Li, Z., Li, M., Bauer, F. E., Egami, E., Fan, X., González-López, J., Li, J., Wang, F., Yang, J., Zhang, S., Zou, S., *The Identification of a Dusty Multiarm Spiral Galaxy at $z = 3.06$ with JWST and ALMA*. **ApJ**, 942, L1, (2023) [ADS]
66. Farina, E. P., Schindler, J.-T., Walter, F., Bañados, E., Davies, F. B., Decarli, R., Eilers, A.-C., Fan, X., Hennawi, J. F., Mazzucchelli, C., Meyer, R. A., Trakhtenbrot, B., Volonteri, M., **Wang, F.**, Worseck, G., Yang, J., Gutcke, T. A., Venemans, B. P., Bosman, S. E. I., Costa, T., De Rosa, G., Drake, A. B., Onoue, M., *The X-shooter/ALMA Sample of Quasars in the Epoch of Reionization. II. Black Hole Masses, Eddington Ratios, and the Formation of the First Quasars*. **ApJ**, 941, 106, (2022) [ADS]
65. Wu, J., Shen, Y., Jiang, L., Bañados, E., Fan, X., Ho, L. C., Vestergaard, M., **Wang, F.**, Wang, S., Wu, X.-B., Yang, J., *Demographics of $z \sim 6$ quasars in the black hole mass-luminosity plane*. **MNRAS**, 517, 2659, (2022) [ADS]
64. Pensabene, A., van der Werf, P., Decarli, R., Bañados, E., Meyer, R. A., Riechers, D., Venemans, B., Walter, F., Weiß, A., Brusa, M., Fan, X., **Wang, F.**, Yang, J., *Unveiling the warm and dense ISM in*

- $z > 6$ quasar host galaxies via water vapor emission. **A&A**, 667, A9, (2022) [ADS]
63. Nanni, R., Hennawi, J. F., **Wang, F.**, Yang, J., Schindler, J.-T., Fan, X., *Paving the way for Euclid and JWST via probabilistic selection of high-redshift quasars*. **MNRAS**, 515, 3224, (2022) [ADS]
62. Khusanova, Y., Bañados, E., Mazzucchelli, C., Rojas-Ruiz, S., Momjian, E., Walter, F., Decarli, R., Venemans, B., Farina, E. P., Meyer, R., **Wang, F.**, Yang, J., *The [CII] and FIR properties of $z > 6$ radio-loud quasars*. **A&A**, 664, A39, (2022) [ADS]
61. Sand, D. J., Mutlu-Pakdil, B., Jones, M. G., Karunakaran, A., **Wang, F.**, Yang, J., Chiti, A., Bennet, P., Crnojević, D., Spekkens, K., *Tucana B: A Potentially Isolated and Quenched Ultra-faint Dwarf Galaxy at $D=1.4$ Mpc*. **ApJ**, 935, L17, (2022) [ADS]
60. Bosman, S. E. I., Davies, F. B., Becker, G. D., Keating, L. C., Davies, R. L., Zhu, Y., Eilers, A.-C., D’Odorico, V., Bian, F., Bischetti, M., Cristiani, S. V., Fan, X., Farina, E. P., Haehnelt, M. G., Hennawi, J. F., Kulkarni, G., Mesinger, A., Meyer, R. A., Onoue, M., Pallottini, A., Qin, Y., Ryan-Weber, E., Schindler, J.-T., Walter, F., **Wang, F.**, Yang, J., *Hydrogen reionization ends by $z = 5.3$: Lyman- α optical depth measured by the XQR-30 sample*. **MNRAS**, 514, 55, (2022) [ADS]
59. Zhu, Y., Becker, G. D., Bosman, S. E. I., Keating, L. C., D’Odorico, V., Davies, R. L., Christenson, H. M., Bañados, E., Bian, F., Bischetti, M., Chen, H., Davies, F. B., Eilers, A.-C., Fan, X., Gaikwad, P., Greig, B., Haehnelt, M. G., Kulkarni, G., Lai, S., Pallottini, A., Qin, Y., Ryan-Weber, E. V., Walter, F., **Wang, F.**, Yang, J., *Long Dark Gaps in the Ly β Forest at $z < 6$: Evidence of Ultra-late Reionization from XQR-30 Spectra*. **ApJ**, 932, 76, (2022) [ADS]
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