

Guang Yang

Publications

First-Author

1. Yang, G.; Boquien, M.; Brandt, W. N.... & Zhu, S.F. (2022) "Fitting AGN/galaxy X-ray-to-radio SEDs with CIGALE and improvement of the code", *The Astrophysical Journal*, 927, 192
2. Yang, G.; Estrada-Carpenter, V.; Papovich, C.; ... & F. Yuan (2021) "Do current X-ray observations capture most of the black-hole accretion at high redshifts?", *The Astrophysical Journal*, 921(2), 170
3. Yang, G.; Papovich, C.; ... & Yung, L.Y. A. (2021) "JWST mid-infrared astronomy: Insight from simulating and SED-modeling of MIRI data", *The Astrophysical Journal*, 908(2), 144
4. Yang, G.; Boquien, M.; Buat, V.; ... & Papovich, C. (2020) "X-CIGALE: Fitting AGN/galaxy SED from X-ray to infrared" *Monthly Notices of the Royal Astronomical Society*, 491(1), 740
5. Yang, G.; Brandt, W. N.; Zhu, S. F.; ... & Zheng, X. C. (2019) "Searching for fast extragalactic X-ray transients in Chandra surveys" *Monthly Notices of the Royal Astronomical Society*, 487, 4721
6. Yang, G., Brandt, W. N., Alexander, D. M., ... & F.-F. Zhu. (2019) "Evident black hole-bulge coevolution in the distant universe" *Monthly Notices of the Royal Astronomical Society*, 485, 3721
7. Yang, G., Brandt, W. N., B. Darvish, C.-T. J. Chen, ... & J. R. Trump (2018) "Does black-hole growth depend on the cosmic environment?". *Monthly Notices of the Royal Astronomical Society*, 480(1), 1022
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11. Yang, G., Xue, Y. Q., Luo, B., Brandt, W. N., Alexander, D. M., Bauer, F. E., ... & Zhou, H. Y. (2014). "Photometric Redshifts in the Hawaii-Hubble Deep Field-North (H-HDF-N)". *The Astrophysical Journal Supplement Series*, 215(2), 27.

Second-Author

1. W. N. Brandt & Guang Yang "Surveys of the Cosmic X-ray Background" Invited chapter for the "Handbook of X-ray and Gamma-ray Astrophysics" (Eds. C. Bambi and A. Santangelo, Springer Singapore, 2022)
2. Fan Zou, Guang Yang, W. N. Brandt, ... & Mattia Vaccari. "Photometric Redshifts in the W-CDF-S and ELAIS-S1 Fields Based on Forced Photometry from 0.36 to 4.5 Microns" *Research Notes of the AAS* 5, no. 3 (2021): 56

3. Ni, Qingling; Yang, Guang; Brandt, William N. ... & Xue, Yongquan (2019) "Does black-hole growth depend fundamentally on host-galaxy compactness?", *Monthly Notices of the Royal Astronomical Society*, 490(1), 1135
4. Zou, Fan; Yang, Guang; Brandt, William N. & Xue, Yongquan (2019) "The Host-galaxy Properties of Type 1 versus Type 2 Active Galactic Nuclei" *The Astrophysical Journal*, 878, 11

Co-Author

1. Zou, Fan; Brandt, W. N.; ... & Xue, Yongquan (2022); "Spectral Energy Distributions in Three Deep-Drilling Fields of the Vera C. Rubin Observatory Legacy Survey of Space and Time: Source Classification and Galaxy Properties"; *The Astrophysical Journal Supplement Series*, in press
2. Quirola-Vasquez, J.; Bauer, F. E.; ... & Luo, B. (2022); "Extragalactic fast X-ray transient candidates discovered by Chandra (2000-2014)"; *Astronomy & Astrophysics*, in press
3. Mountrichas, G.; Buat, V.; Yang, G.; ... & Shirley, R. (2022); "Comparison of the star formation of X-ray selected active galactic nuclei in eFEDS with star-forming galaxies"; *Astronomy & Astrophysics*, in press
4. Ramos Padilla, A., Wang, L., Małek, K., Efstathiou, A., & Yang, G. (2022) "The viewing angle in AGN SED models: a data-driven analysis"; *Monthly Notices of the Royal Astronomical Society*, 510, 687
5. V. Buat, G. Mountrichas, G. Yang, M. Boquien, Y. Roehlly, D. Burgarella, M. Stalevski, L. Ciesla, P. Theulé (2021) "Polar dust obscuration in broad-line active galaxies from the XMM-XXL field"; *Astronomy & Astrophysics*, 654, 93
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9. Nagaraj, G., Ciardullo, R., Lawson, ... G., Yang and Gronwall, C., 2021. "Measuring Stellar Masses of Emission Line Galaxies at $1.2 < z < 1.9$ " *ApJ* 912(2), 145
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12. Ni, Q., Brandt, W. N., Yang, ... & Zhang, K. (2021). "Revealing the relation between black-hole growth and host-galaxy compactness among star-forming galaxies". *Monthly Notices of the Royal Astronomical Society*, 500(4), 4989-5008
13. Li, J., Xue, Y., Sun, M., Brandt, W. N., Yang, G., ... & Fang, G. (2020). "Piercing through Highly Obscured and Compton-thick AGNs in the Chandra Deep Fields. II. Are Highly Obscured AGNs the Missing Link in the Merger-Triggered AGN-Galaxy Coevolution Models?", *The Astrophysical Journal*, 903(1), 49

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20. Ding, N., Luo, B., Brandt, W. N., Paolillo, M., Yang, G., Lehmer, B. D., ... & Zheng, X. C. (2018). "Variability-selected low-luminosity active galactic nuclei candidates in the 7 Ms Chandra Deep Field-South." *ApJ* 868 (2), 88
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