

# Guang Yang

## Publications

### *First-Author*

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*, in press.

Yang, G., Brandt, W. N., F. Vito, C-TJ Chen, ... & J.-X. Wang (2018) "Linking black-hole growth with host galaxies: The accretion-stellar mass relation and its cosmic evolution". *Monthly Notices of the Royal Astronomical Society*, 475(2), 1887

Yang, G., C-TJ Chen, F. Vito, W. N. Brandt, ... & J.-X. Wang (2017) "Black-Hole Growth is Mainly Linked to Host-Galaxy Stellar Mass rather than Star Formation Rate". *The Astrophysical Journal*, 842(2), 72.

Yang, G., Brandt, W. N., Luo, B., Xue, Y. Q., Bauer, F. E., Sun, M. Y., ... & Shemmer, O. (2016). "Long-Term X-ray Variability of Typical Active Galactic Nuclei in the Distant Universe". *The Astrophysical Journal*, 831(2), 145.

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.

### *Co-Author*

Chen, CT J., W. N. Brandt, B. Luo, P. Ranalli, G. Yang, D. M. Alexander, F. E. Bauer et al. (2018) "The XMM-SERVS survey: new XMM-Newton point-source catalogue for the XMM-LSS field." *Monthly Notices of the Royal Astronomical Society* 478, (2), 2132

Vito, F.; Brandt, W. N.; Yang, G.; Gilli, R.; Luo, B.; ... & Wang, J. (2018) "High-redshift AGN in the Chandra Deep Fields: the obscured fraction and space density of the sub- $L_*$  population" *Monthly Notices of the Royal Astronomical Society*, 473(2), 2378-2406

Zheng, X. C.; Xue, Y. Q.; Brandt, W. N.; Li, J. Y.; Paolillo, M.; Yang, G.; ... & Shu, X. W. (2017) "Deepest View of AGN X-Ray Variability with the 7 Ms Chandra Deep Field-South Survey", *The Astrophysical Journal*, 849(2), 127.

Paolillo, M., Papadakis, I., Brandt, W. N., Luo, B., Xue, Y. Q., Tozzi, P., ... & Gilli, R. (2017) "Tracing the accretion history of supermassive Black Holes through X-ray variability: results from the Chandra Deep Field-South." *Monthly Notices of the Royal Astronomical Society*, 471(4), 4398-4411.

Liu, T., Tozzi, P., Wang, J. X., Brandt, W. N., Vignali, C., Xue, Y., ... & Paolillo, M. (2017). "X-ray spectral analyses of AGNs from the 7Ms Chandra Deep Field-South survey: the distribution, variability, and evolution of AGN's obscuration". *The Astrophysical Journal Supplement Series*, 232(1), 8.

Bauer, Franz E., Ezequiel Treister, Kevin Schawinski, Steve Schulze, B. Luo, D. M. Alexander, W. N. Brandt, ... & Yang, G. (2017) "A New, Faint Population of X-ray Transients". *Monthly Notices of the Royal Astronomical Society*, 467(4), 4841-4857.

Luo, B., Brandt, W. N., Xue, Y. Q., B. Lehmer, D. M. Alexander, ... & J.-X. Wang (2017). "The Chandra Deep Field-South Survey: 7 Ms Source Catalogs". *The Astrophysical Journal Supplement Series*, 228(1), 2.

Vito, F., Gilli, R., Vignali, C., Brandt, W. N., Comastri, A., Yang, G., ... & Cappelluti, N. (2016). "The deepest X-ray view of high-redshift galaxies: constraints on low-rate black hole accretion". *Monthly Notices of the Royal Astronomical Society*, 463(1), 348-374.

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