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Publications

PRIMARY (FIRST OR SECOND AUTHOR)

- 1 **Marcotulli & Connor et al.** *2025, ApJL, 927, 6*
“NuSTAR observations of a varying-flux quasar in the Epoch of Reionization”
- 2 **Connor et al.** *2024, Univ, 10, 227*
“Uncovering the First AGN Jets with AXIS”
- 3 **Connor et al.** *2022, ApJ, 927, 45*
“Gaia GraL: Gaia DR2 Gravitational Lens Systems. VII. XMM-Newton Observations of Lensed Quasars”
- 4 **Connor et al.** *2021b, ApJL, 922, 24*
“X-Ray Evidence Against the Hypothesis that the Hyper-luminous $z = 6.3$ Quasar J0100+2802 is Lensed”
- 5 **Connor et al.** *2021a, ApJ, 911, 120*
“Enhanced X-ray Emission from the Most Radio-Powerful Quasar in the Universe’s First Billion Years”
- 6 **Connor et al.** *2020, ApJ, 900, 189*
“X-ray Observations of a [C II]-bright, $z=6.59$ Quasar/Companion System”
- 7 **Connor et al.** *2019d, ApJ, 887, 171*
“X-ray Observations of a $z \sim 6.2$ Quasar/Galaxy Merger”
- 8 **Connor et al.** *2019c, ApJL, 884, 20*
“COS Observations of the Cosmic Web: A Search for the Cooler Components of a Hot, X-ray Identified Filament”
- 9 **Connor et al.** *2019b, ApJ, 878, 66*
“Assembling a RELIC at Redshift 1: Spectroscopic Observations of Galaxies in the RELICS Cluster SPT-CLJ0615–5746”
- 10 **Connor et al.** *2019a, ApJ, 875, 16*
“On the Origin of the Scatter in the Red Sequence: An Analysis of Four CLASH Clusters”
- 11 **Connor et al.** *2018, ApJ, 867, 25*
“Wide-Field Optical Spectroscopy of Abell 133: A Search for Filaments Reported in X-ray Observations”
- 12 **Bañados, Connor et al.** *2018, ApJL, 856, 25*
“Chandra X-Rays from the Redshift 7.54 Quasar ULAS J1342+0928”
- 13 **Connor et al.** *2017, ApJ, 848, 37*
“Crowded Field Galaxy Photometry: Precision Colors in the CLASH Clusters”
- 14 **Donahue, Connor et al.** *2017, ApJ, 835, 216*
“Observations of $\text{Ly}\alpha$ and O VI: Signatures of Cooling and Star Formation in a Massive Central Cluster Galaxy”
- 15 **Donahue, Connor et al.** *2015, ApJ, 805, 177*
“Ultraviolet Morphology and Unobscured UV Star Formation Rates of CLASH Brightest Cluster Galaxies”
- 16 **Connor et al.** *2014, ApJ, 794, 48*
“Scaling Relations and X-Ray Properties of Moderate-luminosity Galaxy Clusters from $0.3 < z < 0.6$ with XMM-Newton”

SECONDARY PAPERS

- 17 **Ighina, L., et al. (Connor, T: 3/22)** 2025, *ApJL*, 990, L56
 “X-Ray Investigation of Possible Super-Eddington Accretion in a Radio-loud Quasar at $z = 6.13$.”
- 18 **Ighina, L., et al. (Connor, T: 9/24)** 2025, *A&A*, 698, A158
 “High- z radio quasars in RACS: I. Selection, identification, and multi-wavelength properties.”
- 19 **Rojas-Ruiz, S., et al. (Connor, T: 10/11)** 2025, *ApJ*, 985, 34
 “First Measurements of Black Hole Accretion and Radio-jet Timescales in a Young Quasar at the Edge of Reionization.”
- 20 **Walter, F., et al. (Connor, T: 5/14)** 2025, *ApJL*, 983, L8
 “Kiloparsec-scale Alignment of a Radio Jet with Cool Gas and Dust in a $z \sim 6$ Quasar.”
- 21 **Muhibullah, M., et al. (Connor, T: 6/13)** 2025, *ApJ*, 983, 47
 “The Massive and Distant Clusters of WISE Survey. XII. Exploring X-Ray Active Galactic Nuclei in Dynamically Active Massive Galaxy Clusters at $z \sim 1$.”
- 22 **Petit, Q., et al. (Connor, T: 6/24)** 2025, *A&A*, 696, A51
 “Gaia GrL: Gaia gravitational lens systems: IX. Using XGBoost to explore the Gaia Focused Product Release GravLens catalogue.”
- 23 **Bañados, E., et al. (Connor, T: 3/24)** 2025, *NatAs*, 9, 293
 “A blazar in the epoch of reionization.”
- 24 **Mazzucchelli, C., et al. (Connor, T: 6/16)** 2025, *A&A*, 694, A171
 “The host galaxies of radio-loud quasars at $z > 5$ with ALMA.”
- 25 **Bañados, E., et al. (Connor, T: 6/10)** 2024, *ApJL*, 977, L46
 “[C II] Properties and Far-infrared Variability of a $z = 7$ Blazar.”
- 26 **Thongkham, K., et al. (Connor, T: 8/11)** 2024, *ApJ*, 976, 186
 “The Massive and Distant Clusters of WISE Survey 2: Second Data Release.”
- 27 **Trudeau, A., et al. (Connor, T: 7/11)** 2024, *ApJ*, 972, 27
 “The Massive and Distant Clusters of WISE Survey 2: A Stacking Analysis Investigating the Evolution of Star Formation Rates and Stellar Masses in Groups and Clusters.”
- 28 **Decarli, R., et al. (Connor, T: 19/41)** 2024, *A&A*, 689, A219
 “A quasar-galaxy merger at $z \sim 6.2$: Rapid host growth via the accretion of two massive satellite galaxies.”
- 29 **Greenwell, C. L., et al. (Connor, T: 14/35)** 2024, *ApJS*, 273, 20
 “The NuSTAR Serendipitous Survey: The 80 Month Catalog and Source Properties of the High-energy Emitting Active Galactic Nucleus and Quasar Population.”
- 30 **Thongkham, K. et al. (Connor, T: 9/10)** 2024, *ApJ*, 967, 123
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- 31 **Saade, M. L. et al. (Connor, T: 4/15)** 2024, *ApJ*, 966, 104
 “NuSTAR Observations of Candidate Subparsec Binary Supermassive Black Holes.”
- 32 **Loiacono, F. et al. (Connor, T: 15/34)** 2024, *A&A*, 685, A121
 “A quasar-galaxy merger at $z \sim 6.2$: Black hole mass and quasar properties from the NIRSpec spectrum.”
- 33 **Kirkpatrick, J. D. et al. (Connor, T: 66/86)** 2024, *ApJS*, 271, 55
 “The Initial Mass Function Based on the Full-sky 20 pc Census of ~ 3600 Stars and Brown Dwarfs.”
- 34 **Dobie, D. et al. (Connor, T: 13/29)** 2024, *MNRAS*, 528, 5880
 “Gaia GrL: Gaia DR2 gravitational lens systems - VIII. A radio census of lensed systems.”
- 35 **Zou, S. et al. (Connor, T: 22/30)** 2024, *ApJL*, 963, L28
 “A SPECTROSCOPIC survey of biased halos In the Reionization Era (ASPIRE): Impact of Galaxies on the Circumgalactic Medium Metal Enrichment at $z \sim 6$ Using the JWST and VLT.”

- 36 **Omoruyi, O. et al. (Connor, T: 19/22)** *2024, ApJ, 963, 1*
 ““Beads-on-a-string” Star Formation Tied to One of the Most Powerful Active Galactic Nucleus Outbursts Observed in a Cool-core Galaxy Cluster.”
- 37 **Yang, J. et al. (Connor, T: 22/56)** *2023, ApJL, 951, L5*
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- 38 **Wang, F. et al. (Connor, T: 23/59)** *2023, ApJL, 951, L4*
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- 39 **Bañados, E. et al. (Connor, T: 4/23)** *2023, ApJS, 265, 29*
 “The Pan-STARRS1 $z \sim 5.6$ Quasar Survey. II. Discovery of 55 Quasars at $5.6 < z < 6.5$.”
- 40 **Schindler, J.-T. et al. (Connor, T: 3/12)** *2023, ApJ, 943, 67*
 “The Pan-STARRS1 $z \sim 5.6$ Quasar Survey. III. The $z \sim 6$ Quasar Luminosity Function.”
- 41 **Koss, M. J. et al. (Connor, T: 14/26)** *2023, ApJL, 942, L24*
 “UGC 4211: A Confirmed Dual Active Galactic Nucleus in the Local Universe at 230 pc Nuclear Separation.”
- 42 **Decker, B. et al. (Connor, T: 4/17)** *2022, ApJ, 936, 71*
 “MaDCoWS XI: Stellar Mass Fractions and Luminosity Functions of MaDCoWS Clusters at $z \sim 1$.”
- 43 **Lagattuta, D. J. et al. (Connor, T: 13/21)** *2022, MNRAS, 514, 497*
 “Pilot-WINGS: An extended MUSE view of the structure of Abell 370.”
- 44 **Smirnova-Pinchukova, I. et al. (Connor, T: 9/19)** *2021, A&A, 659, 125*
 “The Close AGN Reference Survey (CARS): No obvious signature of AGN feedback on star formation, but subtle trends.”
- 45 **Rojas-Ruiz, S. et al. (Connor, T: 4/12)** *2021, ApJ, 920, 150*
 “The Impact of Powerful Jets on the Far-infrared Emission of an Extreme Radio Quasar at $z \sim 6$.”
- 46 **Gonzalez, A. et al. (Connor, T: 3/8)** *2021, MNRAS, 507, 963*
 “Discovery of a Possible Splashback Feature in the Intracluster Light of MACS J1149.5+2223.”
- 47 **Vito, F. et al. (Connor, T: 5/22)** *2021, A&A, 649, 133*
 “Chandra and Magellan/FIRE follow-up observations of PS0167-13: an X-ray weak QSO at $z = 6.515$.”
- 48 **Bañados, E. et al. (Connor, T: 7/20)** *2021, ApJ, 909, 80*
 “The discovery of a highly accreting, radio-loud quasar at $z = 6.82$.”
- 49 **Wang, F. et al. (Connor, T: 9/23)** *2021, ApJL, 907L, 1*
 “A Luminous Quasar at Redshift 7.642.”
- 50 **Dicker, S.R. et al. (Connor, T: 9/20)** *2020, ApJ, 902, 144*
 “The Massive and Distant Clusters of WISE Survey. X. Initial Results from a Sunyaev-Zeldovich Effect Study of Massive Galaxy Clusters at $z > 1$ Using MUSTANG2 on the GBT.”
- 51 **Frisbie, R.L.S. et al. (Connor, T: 4/9)** *2020, ApJ, 899, 159*
 “Properties of the Hot Ambient Medium of Early-type Galaxies Hosting Powerful Radio Sources.”
- 52 **Holoien, T. et al. (Connor, T: 18/33)** *2020, ApJ, 898, 161*
 “The Rise and Fall of ASASSN-18pg: Following a TDE from Early to Late Times.”
- 53 **Moravec, E. et al. (Connor, T: 7/21)** *2020, ApJ, 898, 145*
 “The Massive and Distant Clusters of WISE Survey. IX. High Radio Activity in a Merging Cluster.”

- 54 **Steinhardt, C.L. et al. (Connor, T: 35/95)** *2020, ApJS, 247, 64*
 “The BUFFALO HST Survey.”
- 55 **Gonzalez, E.J. et al. (Connor, T: 11/14)** *2020, MNRAS, 494, 349*
 “Setting the scene for BUFFALO: a study of the matter distribution in the HFF galaxy cluster MACS J0416.1-2403 and its parallel field.”
- 56 **Starikova, S. et al (Connor, T: 5/7)** *2020, ApJ, 892, 34*
 “Stellar-mass Measurements in A133 with Magellan/IMACS .”
- 57 **Chen, P., et al. (Connor, T: 17/24)** *2020, ApJL, 889, L6*
 “The Most Rapidly-Declining Type I Supernova 2019bkc/ATLAS19dqr.”
- 58 **DeMaio, T., et al. (Connor, T: 7/12)** *2020, MNRAS, 491, 3751*
 “The growth of brightest cluster galaxies and intracluster light over the past 10 billion years.”
- 59 **Johnson, S.D., et al. (Connor, T: 5/14)** *2019, ApJL, 884, L31*
 “The Physical Origins of the Identified and Still Missing Components of the Warm-Hot Intergalactic Medium: Insights from Deep Surveys in the Field of Blazar 1ES1553+113.”
- 60 **Holoien, T.W.S., et al. (Connor, T: 19/24)** *2019, ApJ, 883, 111*
 “Discovery and Early Evolution of ASASSN-19bt, the First TDE Detected by TESS.”
- 61 **Grossova, R., et al. (Connor, T: 11/16)** *2019, MNRAS, 488, 1917*
 “Powerful AGN jets and unbalanced cooling in the hot atmosphere of IC 4296.”
- 62 **Husemann, B., et al. (Connor, T: 11/18)** *2019, A&A, 627, 53*
 “The Close AGN Reference Survey (CARS). A massive multi-phase outflow impacting the edge-on galaxy HE1353-1917.”
- 63 **Juráňová, A., et al. (Connor, T: 11/12)** *2019, MNRAS, 484, 2886*
 “Cooling in the X-ray halo of the rotating, massive early-type galaxy NGC 7049.”
- 64 **Lakhchaura, K., et al. (Connor, T: 7/9)** *2018, MNRAS, 481, 4472*
 “Thermodynamic properties, multiphase gas and AGN feedback in a large sample of giant ellipticals.”
- 65 **DeMaio, T., et al. (Connor, T: 5/7)** *2018, MNRAS, 474, 3009*
 “Lost but not forgotten: intracluster light in galaxy groups and clusters.”
- 66 **Morrison, H.L., et al. (Connor, T: 5/13)** *2016, AJ, 151, 7*
 “Globular and Open Clusters Observed by SDSS/SEGUE: The Giant Stars.”
- 67 **Fogarty, K., et al. (Connor, T: 3/5)** *2015, ApJ, 813, 117*
 “Star Formation Activity in CLASH Brightest Cluster Galaxies.”
- 68 **Werner, N., et al. (Connor, T: 9/15)** *2014, MNRAS, 439, 2291*
 “The origin of cold gas in giant elliptical galaxies and its role in fuelling radio-mode AGN feedback”