

Curriculum Vitae

Jonathan R. Trump

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Professional Appointments

8/2021-current Associate Professor, Dept of Physics, University of Connecticut
8/2016-7/2021 Assistant Professor, Dept of Physics, University of Connecticut
9/2013-8/2016 Hubble Fellow, Penn State University
9/2010-8/2013 DEEP Postdoctoral Scholar, UC Santa Cruz
7/2004-8/2010 Graduate Researcher, University of Arizona
6/2008-8/2008 NSF/JSPS Summer Research Fellow, Ehime University

Education

2010 Ph.D University of Arizona, *Astronomy*, Thesis: Supermassive Black Hole Activity in the Cosmic Evolution Survey (advisor: Chris Impey)
2004 B.S. Penn State University, *Astronomy, summa cum laude*, Honors Thesis: Broad Absorption Line Quasars in the Sloan Digital Sky Survey
2004 B.S. Penn State University, *Physics, summa cum laude*

Successful Proposals (selected) - \$2M in awarded grants

2022 co-PI, Gemini/GMOS: *Optical Spectroscopy of JWST ERO galaxies*, 21 hr
2021 co-PI, NSF AAG: *Quasar Variability with High-Cadence Spectroscopy*, \$85k
2021 PI, Swift proposal: *Black Hole Spin from Contemporaneous SEDs* 30 ks, \$30k
2020 co-PI, NSF AAG: *Reverberation Mapping with Multi-Object Spectroscopy*, \$616k
2020 PI, NSF CAREER: *Echo Mapping the Census of Supermassive Black Hole Mass, Accretion, and Spin*, \$740k
2020 PI, LCO Key Project: *Echo Mapping Accretion onto Supermassive Black Holes across Cosmic Time*, 645 hrs
2019 PI, NASA ADAP: *Spectral Energy Distributions of Echo-Mapped Quasars*, \$540k
2018 PI, HST proposal: *Ultraviolet Echoes of Quasar Accretion Disks*, 40 orbits, \$208k
2017 co-I, JWST ERS proposal: *The Cosmic Evolution Early Release Science Survey*, 63 hrs, \$130k (as co-I)
2017 PI, HST proposal: *Ultraviolet Echoes of Quasar Accretion Disks*, 32 orbits, \$135k
2015 co-PI, NSF AAG: *The First Multi-Object Reverberation Mapping Survey: Transforming Our Knowledge of Distant Black Hole Demographics*, \$340k
2015 co-I, HST proposal: *The CANDELS Lyman-alpha Emission At Reionization (CLEAR) Experiment*, 130 orbits, \$12k (as co-I)
2013 PI, HST archive proposal: *Do Typical Galaxies in Adolescence Already Host Growing Black Holes?*, \$91k
2013 PI, Keck/MOSFIRE: *Spatial Maps of SFR, Kinematics, and Line Ratios of $z \sim 1.5$ Galaxies from Multi-PA / Multi-Slit Spectra*, 3 nights
2012 PI, Keck/MOSFIRE: *Survey of $z \sim 2$ Emission-Line Galaxies*, 2.5 nights
2011 PI, Keck/OSIRIS: *Connecting AGN Winds to Galactic Feedback*, 1 night
2010 PI, Subaru/FOCAS: *Optically Dull AGN: Obscured or Inefficient?*, 2 nights

Honors & Awards

2020	NSF CAREER Award
2013	Hubble Fellowship
2010	Steward Observatory Outstanding Research Award
2008-2009	Achievement Rewards for College Scientists, Papadoupoulos Scholar
2004,2005	NSF Graduate Research Fellowship Honorable Mention
2000-2004	Schreyer Honors College Scholar
2001-2004	Pennsylvania Science and Technology Grant
2003-2004	Society of Distinguished Alumni Scholarship
2003	Schreyer Honors College Summer Research Scholarship
2003	Eberly College of Science Research Award

Observing Experience

JWST	–	NIRSpec spectroscopy, NIRCам grism spectroscopy
HST	–	ACS and WFC3 imaging, WFC3 grism spectroscopy
Keck 10 m	13 nights	OSIRIS IFU (AO), DEIMOS, NIRSPEC, & MOSFIRE
Subaru 8.2 m	2 nights	FOCAS spectropolarimetry
Gemini 8.1 m	2 nights	GMOS multi-object slit spectrograph
Magellan 6.5 m	14 nights	IMACS multi-object slit spectrograph
MMT 6.5 m	10 nights	Hectospec multi-object fiber spectrograph
Shane 3.0 m	11 nights	KAST spectroscopy and imaging polarimetry
Bok 2.3 m	10 nights	90prime imaging camera

Professional Experience

2003-2025	50+ Invited colloquia/talks & 80+ Contributed seminars/talks presented
2024-2025	Graduate Admissions chair for UConn Physics
2018-2025	SDSS-V Cadence Coordinator for Black Hole Mapper
2023-2025	Panel review chair for NOIRLab, deputy chair for STScI
2014-2025	Panel and ad-hoc reviewer for NSF, NASA, STScI, NOIRLab, ESA
2008-2025	Referee for Nature, iScience, ApJ, MNRAS, A&A journals
2014-2020	SDSS-RM Team Lead for spectroscopic variability
2016	Service on Kavli LSST community workshop / white paper
2013-2016	Chair of Spectroscopy and Junior Scientist working groups, CANDELS
2009-2010	Science Advisory Board for the Magellan/M2FS instrument

Mentoring, Teaching & Outreach

2016-current	Thesis Advisor for 10 UConn grad and 24 undergrad students
2017-2025	Provost's Recognition of Excellence in Teaching (every semester)
2024	Co-organizer of UConn eclipse event: 2000 attendees and NBC CT feature
2022-2023	Press Interviews with NBC CT, Fox 61, NPR CT, WILL-AM about JWST science
2021	Press Release: <i>Next-Gen Astronomical Survey Makes its First Observations Toward a New Understanding of the Cosmos</i>
2018	Press Release: <i>One Giant Leap in Mapping the Universe</i>
2017	TEDx "Catalysts in Context" (youtube.com/watch?v=Cp5bP71pL2E)
2015	Bok Award Judge for Intel International Science Fair

Publications List: Jonathan R. Trump
~250 papers, ~25,000 citations, h-index = 85

Peer-Reviewed Papers led by my Research Group

1. Backhaus, B. E., Cleri, N. J., **Trump, J. R.**, *Emission-Line Diagnostics at $z > 4$: $[OIII]\lambda 4363/H\gamma$* . ApJ submitted, arXiv:2502.03519 (2025).
3. Backhaus, B. E., **Trump, J. R.**, Pirzkal, N., *CEERS Key Paper. VIII. Emission-line Ratios from NIRSpec and NIRCам Wide-Field Slitless Spectroscopy at $z > 2$* . ApJ 962, 195 (2024).
6. Brooks, M., Simons, R. C., **Trump, J. R.**, *Here There Be (Dusty) Monsters: High Redshift AGN are Dustier Than Their Hosts*. ApJ submitted, arXiv:2410.07340 (2024).
8. Davis, K., **Trump, J. R.**, Simons, R. C., *A Census from JWST of Extreme Emission-line Galaxies Spanning the Epoch of Reionization in CEERS*. ApJ 974, 42 (2024).
11. Fries, L. B., **Trump, J. R.**, Horne, K., *The SDSS-V Black Hole Mapper Reverberation Mapping Project: A Kinematically Variable Broad-line Region and Consequences for the Masses of Luminous Quasars*. ApJ 975, 239 (2024).
25. Sharp, H. W., Homayouni, Y., **Trump, J. R.**, *The Sloan Digital Sky Survey Reverberation Mapping Project: Investigation of Continuum Lag Dependence on Broad-line Contamination and Quasar Properties*. ApJ 961, 93 (2024).
36. Backhaus, B. E., Bridge, J. S., **Trump, J. R.**, *CLEAR: Spatially Resolved Emission Lines and Active Galactic Nuclei at $0.6 < z < 1.3$* . ApJ 943, 37 (2023).
43. Fries, L. B., **Trump, J. R.**, Davis, M. C., *The SDSS-V Black Hole Mapper Reverberation Mapping Project: Unusual Broad-line Variability in a Luminous Quasar*. ApJ 948, 5 (2023).
56. **Trump, J. R.**, Arrabal Haro, P., Simons, R. C., *The Physical Conditions of Emission-line Galaxies at Cosmic Dawn from JWST/NIRSpec Spectroscopy in the SMACS 0723 Early Release Observations*. ApJ 945, 35 (2023).
63. Backhaus, B. E., **Trump, J. R.**, Cleri, N. J., *CLEAR: Emission-line Ratios at Cosmic High Noon*. ApJ 926, 161 (2022).
67. Homayouni, Y., Sturm, M. R., **Trump, J. R.**, *The Sloan Digital Sky Survey Reverberation Mapping Project: UV-Optical Accretion Disk Measurements with the Hubble Space Telescope*. ApJ 926, 225 (2022).
81. Fonseca Alvarez, G., **Trump, J. R.**, Homayouni, Y., *The Sloan Digital Sky Survey Reverberation Mapping Project: The $H\beta$ Radius-Luminosity Relation*. ApJ 899, 73 (2020).
82. Homayouni, Y., **Trump, J. R.**, Grier, C. J., *The Sloan Digital Sky Survey Reverberation Mapping Project: Mg II Lag Results from Four Years of Monitoring*. ApJ 901, 55 (2020).

95. Homayouni, Y., **Trump, J. R.**, Grier, C. J., *The Sloan Digital Sky Survey Reverberation Mapping Project: Accretion Disk Sizes from Continuum Lags*. ApJ 880, 126 (2019).
100. Sun, M., Xue, Y., **Trump, J. R.**, Gu, W.-M., *Winds can ‘blow up’ AGN accretion disc sizes*. MNRAS 482, 2788–2794 (2019).
143. Cheung, E., **Trump, J. R.**, Athanassoula, E., *Galaxy Zoo: Are bars responsible for the feeding of active galactic nuclei at $0.2 < z < 1.0$?* MNRAS 447, 506–516 (2015).
149. Morris, A. M., Kocevski, D. D., **Trump, J. R.**, *A WFC3 Grism Emission Line Redshift Catalog in the GOODS-South Field*. AJ 149, 178 (2015).
155. Sun, M., **Trump, J. R.**, Brandt, W. N., *Evolution in the Black Hole—Galaxy Scaling Relations and the Duty Cycle of Nuclear Activity in Star-forming Galaxies*. ApJ 802, 14 (2015).
156. Sun, M., **Trump, J. R.**, Shen, Y., *The Sloan Digital Sky Survey Reverberation Mapping Project: Ensemble Spectroscopic Variability of Quasar Broad Emission Lines*. ApJ 811, 42 (2015).
157. **Trump, J. R.**, Sun, M., Zeimann, G. R., *The Biases of Optical Line-Ratio Selection for Active Galactic Nuclei and the Intrinsic Relationship between Black Hole Accretion and Galaxy Star Formation*. ApJ 811, 26 (2015).
159. Wirth, G. D., **Trump, J. R.**, Barro, G., *The Team Keck Redshift Survey 2: MOSFIRE Spectroscopy of the GOODS-North Field*. AJ 150, 153 (2015).
163. Barro, G., **Trump, J. R.**, Koo, D. C., *Keck-I MOSFIRE Spectroscopy of Compact Star-forming Galaxies at $z > 2$: High Velocity Dispersions in Progenitors of Compact Quiescent Galaxies*. ApJ 795, 145 (2014).
164. Elitzur, M., Ho, L. C., **Trump, J. R.**, *Evolution of broad-line emission from active galactic nuclei*. MNRAS 438, 3340–3351 (2014).
175. **Trump, J. R.**, Barro, G., Juneau, S., *No More Active Galactic Nuclei in Clumpy Disks Than in Smooth Galaxies at $z \sim 2$ in CANDELS/3D-HST*. ApJ 793, 101 (2014).
176. Yesuf, H. M., Faber, S. M., **Trump, J. R.**, *From Starburst to Quiescence: Testing Active Galactic Nucleus feedback in Rapidly Quenching Post-starburst Galaxies*. ApJ 792, 84 (2014).
187. **Trump, J. R.**, Hsu, A. D., Fang, J. J., *A Census of Broad-line Active Galactic Nuclei in Nearby Galaxies: Coeval Star Formation and Rapid Black Hole Growth*. ApJ 763, 133 (2013).
188. **Trump, J. R.**, Konidaris, N. P., Barro, G., *Testing Diagnostics of Nuclear Activity and Star Formation in Galaxies at $z \lesssim 1$* . ApJL 763, L6 (2013).
208. **Trump, J. R.**, Impey, C. D., Kelly, B. C., *Accretion Rate and the Physical Nature of Unobscured Active Galaxies*. ApJ 733, 60 (2011).
209. **Trump, J. R.**, Nagao, T., Ikeda, H., *Spectropolarimetric Evidence for Radiatively Inefficient Accretion in an Optically Dull Active Galaxy*. ApJ 732, 23 (2011).

- 210. **Trump, J. R.**, Weiner, B. J., Scarlata, C., *A CANDELS WFC3 Grism Study of Emission-line Galaxies at $z \sim 2$: A Mix of Nuclear Activity and Low-metallicity Star Formation*. ApJ 743, 144 (2011).
- 231. **Trump, J. R.**, Impey, C. D., Elvis, M., *The COSMOS Active Galactic Nucleus Spectroscopic Survey. I. XMM-Newton Counterparts*. ApJ 696, 1195–1212 (2009).
- 232. **Trump, J. R.**, Impey, C. D., Kelly, B. C., *Observational Limits on Type 1 Active Galactic Nucleus Accretion Rate in COSMOS*. ApJ 700, 49–55 (2009).
- 233. **Trump, J. R.**, Impey, C. D., Taniguchi, Y., *The Nature of Optically Dull Active Galactic Nuclei in COSMOS*. ApJ 706, 797–809 (2009).
- 235. Casey, C. M., Impey, C. D., **Trump, J. R.**, *Optical Selection of Faint Active Galactic Nuclei in the COSMOS Field*. ApJS 177, 131–147 (2008).
- 243. **Trump, J. R.**, Impey, C. D., McCarthy, P. J., *Magellan Spectroscopy of AGN Candidates in the COSMOS Field*. ApJS 172, 383–395 (2007).
- 244. **Trump, J. R.**, Hall, P. B., Reichard, T. A., *A Catalog of Broad Absorption Line Quasars from the Sloan Digital Sky Survey Third Data Release*. ApJS 165, 1–18 (2006).

All Peer-Reviewed Papers

- 1. Backhaus, B. E., Cleri, N. J., **Trump, J. R.**, *Emission-Line Diagnostics at $z > 4$: $[OIII]\lambda 4363/H\gamma$* . ApJ submitted, arXiv:2502.03519 (2025).
- 2. Finkelstein, S. L., Bagley, M. B., Arrabal Haro, P., *The Cosmic Evolution Early Release Science Survey (CEERS)*. ApJ submitted, arXiv:2501.04085 (2025).
- 3. Backhaus, B. E., **Trump, J. R.**, Pirzkal, N., *CEERS Key Paper. VIII. Emission-line Ratios from NIRSpec and NIRCам Wide-Field Slitless Spectroscopy at $z > 2$* . ApJ 962, 195 (2024).
- 4. Bagley, M. B., Pirzkal, N., Finkelstein, S. L., *The Next Generation Deep Extragalactic Exploratory Public (NGDEEP) Survey*. ApJL 965, L6 (2024).
- 5. Barro, G., Pérez-González, P. G., Kocevski, D. D., *Extremely Red Galaxies at $z = 5-9$ with MIRI and NIRSpec: Dusty Galaxies or Obscured Active Galactic Nuclei?* ApJ 963, 128 (2024).
- 6. Brooks, M., Simons, R. C., **Trump, J. R.**, *Here There Be (Dusty) Monsters: High Redshift AGN are Dustier Than Their Hosts*. ApJ submitted, arXiv:2410.07340 (2024).
- 7. Casey-Clyde, J. A., Mingarelli, C. M. F., Greene, J. E., *Quasars can Signpost Supermassive Black Hole Binaries*. ApJ submitted, arXiv:2405.19406 (2024).
- 8. Davis, K., **Trump, J. R.**, Simons, R. C., *A Census from JWST of Extreme Emission-line Galaxies Spanning the Epoch of Reionization in CEERS*. ApJ 974, 42 (2024).

9. Davis, M. C., Grace, K. E., **Trump, J. R.**, *Reliable Identification of Binary Supermassive Black Holes from Rubin Observatory Time-domain Monitoring*. ApJ 965, 34 (2024).
10. Finkelstein, S. L., Leung, G. C. K., Bagley, M. B., *The Complete CEERS Early Universe Galaxy Sample: A Surprisingly Slow Evolution of the Space Density of Bright Galaxies at $z \sim 8.5$ – 14.5* . ApJL 969, L2 (2024).
11. Fries, L. B., **Trump, J. R.**, Horne, K., *The SDSS-V Black Hole Mapper Reverberation Mapping Project: A Kinematically Variable Broad-line Region and Consequences for the Masses of Luminous Quasars*. ApJ 975, 239 (2024).
12. Garg, P., Narayanan, D., Sanders, R. L., *Theoretical Strong-line Metallicity Diagnostics for the JWST Era*. ApJ 972, 113 (2024).
13. Goold, K., Seth, A., Molina, M., *ReveALLAGN 0: First Look at JWST MIRI Data of Sombrero and NGC 1052*. ApJ 966, 204 (2024).
14. Homayouni, Y., Jiang, Y., Brandt, W. N., *The Sloan Digital Sky Survey Reverberation Mapping Project: Insights on Maximizing Efficiency in Lag Measurements and Black-Hole Masses*. ApJ submitted, arXiv:2412.06885 (2024).
15. Hu, W., Papovich, C., Dickinson, M., *Characterizing the Average Interstellar Medium Conditions of Galaxies at $z \sim 5.6$ – 9 with Ultraviolet and Optical Nebular Lines*. ApJ 971, 21 (2024).
16. Jung, I., Finkelstein, S. L., Arrabal Haro, P., *CEERS: Diversity of Ly α Emitters during the Epoch of Reionization*. ApJ 967, 73 (2024).
17. Kocevski, D. D., Finkelstein, S. L., Barro, G., *The Rise of Faint, Red AGN at $z > 4$: A Sample of Little Red Dots in the JWST Extragalactic Legacy Fields*. ApJ submitted, arXiv:2404.03576 (2024).
18. Llerena, M., Amorn, R., Pentericci, L., *Physical properties of extreme emission-line galaxies at $z \sim 4$ – 9 from the JWST CEERS survey*. A&A 691, A59 (2024).
19. Mascia, S., Pentericci, L., Calabrò, A., *New insight on the nature of cosmic reionizers from the CEERS survey*. A&A 685, A3 (2024).
20. Merlin, E., Santini, P., Paris, D., *ASTRODEEP-JWST: NIRC*am*-HST multi-band photometry and redshifts for half a million sources in six extragalactic deep fields*. A&A 691, A240 (2024).
21. Napolitano, L., Pentericci, L., Santini, P., *Peering into cosmic reionization: Ly α visibility evolution from galaxies at $z = 4.5$ – 8.5 with JWST*. A&A 688, A106 (2024).
22. Pandya, V., Zhang, H., Huertas-Company, M., *Galaxies Going Bananas: Inferring the 3D Geometry of High-redshift Galaxies with JWST-CEERS*. ApJ 963, 54 (2024).
23. Pirzkal, N., Rothberg, B., Papovich, C., *The Next Generation Deep Extragalactic Exploratory Public Near-infrared Slitless Survey Epoch 1 (NGDEEP-NISS1): Extragalactic Star-formation and Active Galactic Nuclei at $0.5 < z < 3.6$* . ApJ 969, 90 (2024).

24. Rose, C., Kartaltepe, J. S., Snyder, G. F., *CEERS Key Paper. IX. Identifying Galaxy Mergers in CEERS NIRC*am* Images Using Random Forests and Convolutional Neural Networks*. ApJL 976, L8 (2024).
25. Sharp, H. W., Homayouni, Y., **Trump, J. R.**, *The Sloan Digital Sky Survey Reverberation Mapping Project: Investigation of Continuum Lag Dependence on Broad-line Contamination and Quasar Properties*. ApJ 961, 93 (2024).
26. Shen, Y., Grier, C. J., Horne, K., *The Sloan Digital Sky Survey Reverberation Mapping Project: Key Results*. ApJS 272, 26 (2024).
27. Stone, Z., Shen, Y., Anderson, S. F., *The SDSS-V Black Hole Mapper Reverberation Mapping Project: Multi-Line Dynamical Modeling of a Highly Variable Active Galactic Nucleus with Decade-long Light Curves*. ApJ submitted, arXiv:2408.04789 (2024).
28. Taylor, A. J., Finkelstein, S. L., Kocevski, D. D., *Broad-Line AGN at $3.5 < z < 6$: The Black Hole Mass Function and a Connection with Little Red Dots*. ApJ submitted, arXiv:2409.06772 (2024).
29. Wheatley, R., Grier, C. J., Hall, P. B., *The SDSS-V Black Hole Mapper Reverberation Mapping Project: C IV Broad Absorption Line Acceleration in the Quasar SBS 1408+544*. ApJ 968, 49 (2024).
30. Zeltyn, G., Trakhtenbrot, B., Eracleous, M., *Exploring Changing-look Active Galactic Nuclei with the Sloan Digital Sky Survey V: First Year Results*. ApJ 966, 85 (2024).
31. Akiba, T., Dexter, J., Brandt, W. N., *Reprocessing Models for the Optical Light Curves of Hypervariable Quasars from the Sloan Digital Sky Survey Reverberation Mapping Project*. ApJ 953, 124 (2023).
32. Almeida, A., Anderson, S. F., Argudo-Fernández, M., *The Eighteenth Data Release of the Sloan Digital Sky Surveys: Targeting and First Spectra from SDSS-V*. ApJS 267, 44 (2023).
33. Ansh, S., Chen, C.-T. J., Brandt, W. N., *NuSTAR Observations of a Heavily X-Ray-obscured AGN in the Dwarf Galaxy J144013+024744*. ApJ 942, 82 (2023).
34. Arrabal Haro, P., Dickinson, M., Finkelstein, S. L., *Confirmation and refutation of very luminous galaxies in the early Universe*. Nature 622, 707–711 (2023).
35. Arrabal Haro, P., Dickinson, M., Finkelstein, S. L., *Spectroscopic Confirmation of CEERS NIRC*am*-selected Galaxies at $z \sim 8-10$* . ApJL 951, L22 (2023).
36. Backhaus, B. E., Bridge, J. S., **Trump, J. R.**, *CLEAR: Spatially Resolved Emission Lines and Active Galactic Nuclei at $0.6 < z < 1.3$* . ApJ 943, 37 (2023).
37. Bagley, M. B., Finkelstein, S. L., Koekemoer, A. M., *CEERS Epoch 1 NIRC*am* Imaging: Reduction Methods and Simulations Enabling Early JWST Science Results*. ApJL 946, L12 (2023).
38. Calabrò, A., Pentericci, L., Feltre, A., *Near-infrared emission line diagnostics for AGN from the local Universe to $z \sim 3$* . A&A 679, A80 (2023).

39. Cleri, N. J., Olivier, G. M., Hutchison, T. A., *Using [Ne V]/[Ne III] to Understand the Nature of Extreme-ionization Galaxies*. ApJ 953, 10 (2023).
40. Cleri, N. J., Yang, G., Papovich, C., *CLEAR: High-ionization [Ne V] λ 3426 Emission-line Galaxies at $1.4 < z < 2.3$* . ApJ 948, 112 (2023).
41. Estrada-Carpenter, V., Papovich, C., Momcheva, I., *CLEAR: The Morphological Evolution of Galaxies in the Green Valley*. ApJ 951, 115 (2023).
42. Finkelstein, S. L., Bagley, M. B., Ferguson, H. C., *CEERS Key Paper. I. An Early Look into the First 500 Myr of Galaxy Formation with JWST*. ApJL 946, L13 (2023).
43. Fries, L. B., **Trump, J. R.**, Davis, M. C., *The SDSS-V Black Hole Mapper Reverberation Mapping Project: Unusual Broad-line Variability in a Luminous Quasar*. ApJ 948, 5 (2023).
44. Fujimoto, S., Arrabal Haro, P., Dickinson, M., *CEERS Spectroscopic Confirmation of NIRCam-selected $z \approx 8$ Galaxy Candidates with JWST/NIRSpec: Initial Characterization of Their Properties*. ApJL 949, L25 (2023).
45. Guo, Y., Jogee, S., Finkelstein, S. L., *First Look at $z \approx 1$ Bars in the Rest-frame Near-infrared with JWST Early CEERS Imaging*. ApJL 945, L10 (2023).
46. Kartaltepe, J. S., Rose, C., Vanderhoof, B. N., *CEERS Key Paper. III. The Diversity of Galaxy Structure and Morphology at $z = 3-9$ with JWST*. ApJL 946, L15 (2023).
47. Kirkpatrick, A., Yang, G., Le Bail, A., *CEERS Key Paper. VII. JWST/MIRI Reveals a Faint Population of Galaxies at Cosmic Noon Unseen by Spitzer*. ApJL 959, L7 (2023).
48. Kocevski, D. D., Barro, G., McGrath, E. J., *CEERS Key Paper. II. A First Look at the Resolved Host Properties of AGN at $3 < z < 5$ with JWST*. ApJL 946, L14 (2023).
49. Kocevski, D. D., Onoue, M., Inayoshi, K., *Hidden Little Monsters: Spectroscopic Identification of Low-mass, Broad-line AGNs at $z \approx 5$ with CEERS*. ApJL 954, L4 (2023).
50. Larson, R. L., Finkelstein, S. L., Kocevski, D. D., *A CEERS Discovery of an Accreting Supermassive Black Hole 570 Myr after the Big Bang: Identifying a Progenitor of Massive $z \approx 6$ Quasars*. ApJL 953, L29 (2023).
51. Li, J. I. H., Shen, Y., Ho, L. C., *The Sloan Digital Sky Survey Reverberation Mapping Project: The Black Hole Mass-Stellar Mass Relations at $0.2 < z < 0.8$* . ApJ 954, 173 (2023).
52. Papovich, C., Cole, J. W., Yang, G., *CEERS Key Paper. V. Galaxies at $4 < z < 9$ Are Bluer than They Appear—Characterizing Galaxy Stellar Populations from Rest-frame $\sim 1 \mu\text{m}$ Imaging*. ApJL 949, L18 (2023).
53. Pérez-González, P. G., Barro, G., Annunziatella, M., *CEERS Key Paper. IV. A Triality in the Nature of HST-dark Galaxies*. ApJL 946, L16 (2023).

54. Shen, L., Papovich, C., Yang, G., *CEERS: Spatially Resolved UV and Mid-infrared Star Formation in Galaxies at $0.2 < z < 2.5$: The Picture from the Hubble and James Webb Space Telescopes*. ApJ 950, 7 (2023).
55. Simons, R. C., Papovich, C., Momcheva, I. G., *CLEAR: Survey Overview, Data Analysis, and Products*. ApJS 266, 13 (2023).
56. **Trump, J. R.**, Arrabal Haro, P., Simons, R. C., *The Physical Conditions of Emission-line Galaxies at Cosmic Dawn from JWST/NIRSpec Spectroscopy in the SMACS 0723 Early Release Observations*. ApJ 945, 35 (2023).
57. Yang, G., Caputi, K. I., Papovich, C., *CEERS Key Paper. VI. JWST/MIRI Uncovers a Large Population of Obscured AGN at High Redshifts*. ApJL 950, L5 (2023).
58. Yang, G., Papovich, C., Bagley, M. B., *CEERS MIRI Imaging: Data Reduction and Quality Assessment*. ApJL 956, L12 (2023).
59. Yu, L.-M., Luo, B., Brandt, W. N., *X-Ray Unveiling Events in a $z \approx 1.6$ Active Galactic Nucleus in the 7 Ms Chandra Deep Field-South*. ApJ 949, 6 (2023).
60. Zavala, J. A., Buat, V., Casey, C. M., *Dusty Starbursts Masquerading as Ultra-high Redshift Galaxies in JWST CEERS Observations*. ApJL 943, L9 (2023).
61. Abdurro'uf, Accetta, K., Aerts, C., *The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data*. ApJS 259, 35 (2022).
62. Arellano-Córdova, K. Z., Berg, D. A., Chisholm, J., *A First Look at the Abundance Pattern-O/H, C/O, and Ne/O-in $z \lesssim 7$ Galaxies with JWST/NIRSpec*. ApJL 940, L23 (2022).
63. Backhaus, B. E., **Trump, J. R.**, Cleri, N. J., *CLEAR: Emission-line Ratios at Cosmic High Noon*. ApJ 926, 161 (2022).
64. Charisi, M., Taylor, S. R., Runnoe, J., Bogdanovic, T., **Trump, J. R.**, *Multimesenger time-domain signatures of supermassive black hole binaries*. MNRAS 510, 5929–5944 (2022).
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