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

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)
2012 PI, HST archive proposal: *Do Typical Galaxies in Adolescence Already Host Growing Black Holes?*, $91k
2013 PI, Keck proposal: *Spatial Maps of SFR, Kinematics, and Line Ratios of $z \sim 1.5$ Galaxies from Multi-PA / Multi-Slit MOSFIRE Spectra*, 3 nights
2012 PI, Keck proposal: *MOSFIRE Survey of z∼2 Emission-Line Galaxies*, 2.5 nights
2011 PI, Keck proposal: *Connecting AGN Winds to Galactic Feedback*, 1 night
2010 PI, Subaru prop.: *Optically Dull AGN: Obscured, Diluted, or Inefficient?*, 2 nights
2010 PI, MMT & Bok proposal: *SMBH Masses with Reverbation Mapping*, 14 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

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
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

2003-2023	46 Invited colloquia/talks & 75+ Contributed seminars/talks presented
2008-2023	Referee for Nature, iScience, ApJ, MNRAS, A&A journals
2014-2023	Service on NSF and NASA review panels (including as Chair)
2018-current	SDSS-V Cadence Coordinator for Black Hole Mapper
2017-2020	co-I on CETUS NASA probe-class mission concept
2016-2020	Chair of UConn Astrophysics Curriculum development
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 8 UConn grad and 10 undergrad students
2017-2023	Provost's Recognition of Excellence in Teaching (every semester)
2022-2023	Press Interviews with NBC CT, Fox 61, NPR CT, WILI-AM about JWST science
2021	Press Release: *Next-Gen Astronomical Survey Makes its First Observations Toward a New Understanding of the Cosmos*
2018	Press Release: *One Giant Leap in Mapping the Universe*
2017	Co-organizer of UConn eclipse event: 2000 attendees and local press
2017	TEDx "Catalysts in Context" talk (youtu.be/Cp5bP7lpL2E)
2007-2022	5 popular-level invited lectures
2013-2015	Primary mentor for PSU graduate student M. Sun (now Xiamen faculty)
2011-2015	Primary mentor for 5 high school students, incl. 2 Intel/Siemens awardees
2015	Bok Award Judge for Intel International Science Fair

Bibliography: Jonathan R. Trump
>16,000 total citations, h-index: 68

Refereed Publications: 1st & 2nd-author, and student-mentored

33: Fries, L. B., **Trump, J. R.**, Davis, M. C. et al. 2023, *The SDSS-V Black Hole Mapper Reverberation Mapping Project: Unusual Broad-Line Variability in a Luminous Quasar*, ApJ in press (arXiv:2301.10252)

32: **Trump, J. R.**, Arrabal Haro, P., Simons, R. C. et al. 2023, *The Physical Conditions of Emission-Line Galaxies at Cosmic Dawn from JWST/NIRSpec Spectroscopy in the SMACS 0723 Early Release Observations*, ApJ, 945, 35

31: Backhaus, B. E., Bridge, J. S., **Trump, J. R.** et al. 2023, *CLEAR: Spatially Resolved Emission Lines and Active Galactic Nuclei at* $0.6 < z < 1.3$, ApJ, 943, 37

30: Cleri, N. J., **Trump, J. R.**, Backhaus, B. E. et al. 2021, *CLEAR: Paschen-β Star Formation Rates and Dust Attenuation of Low Redshift Galaxies*, ApJ, 929, 3

29: Backhaus, B. E., **Trump, J. R.**, Cleri, N. J. et al. 2021, *CLEAR: Emission Line Ratios at Cosmic High Noon*, ApJ, 926, 161

28: Homayouni, Y., Sturm, M. R., **Trump, J. R.** et al. 2021, *The Sloan Digital Sky Survey Reverberation Mapping Project: UV-Optical Accretion Disk Measurements with Hubble Space Telescope*, ApJ, 926, 225

27: Homayouni, Y., **Trump, J. R.**, Grier, C. J. et al. 2020, *The Sloan Digital Sky Survey Reverberation Mapping Project: Mg II Lag Results from Four Years of Monitoringn*, ApJ 901, 55

26: Fonseca Alvarez, G., **Trump, J. R.**, Homayouni, Y. et al. 2020, *The Sloan Digital Sky Survey Reverberation Mapping Project: The Hβ Radius-Luminosity Relation*, ApJ, 899, 73

25: Homayouni, Y., **Trump, J. R.**, Grier, C. J. et al. 2019, *The Sloan Digital Sky Survey Reverberation Mapping Project: Accretion-Disk Sizes from Continuum Lags*, ApJ, 880, 126

24: Grier, C. J., **Trump, J. R.**, Shen, Y. et al. 2017, ApJ, 851, 21 *The Sloan Digital Sky Survey Reverberation Mapping Project: Hα and Hβ Reverberation Measurements from first-year Spectroscopy and Photometry*, ApJ, 851, 21

23: Simons, R. S., Kassin, S. A, **Trump, J. R.** et al. 2016, *SIGMA I: Kinematics of Star-Forming Galaxies at* $z \sim 2$ *with Keck/MOSFIRE*, ApJ, 830, 14

22: Bridge, J. S., Zeimann, G. R., **Trump, J. R.** et al. 2016, *Disentangling Active Galactic Nuclei and Star Formation at High Redshift Using Hubble Space Telescope Grism Spectroscopy*, ApJ, 826, 172

21: Wirth, G. D., **Trump, J. R.** et al. 2015, *The Team Keck Redshift Survey 2: MOSFIRE Spectroscopy of the GOODS-North Field*, AJ, 150, 153

20: Sun, M., **Trump, J. R.** et al. 2015, *The Sloan Digital Sky Survey Reverberation Mapping Project: Ensemble Spectroscopic Variability of Quasar Broad Emission Lines*, ApJ, 811, 42

19: **Trump, J. R.** et al. 2015, *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, 27

18: Morris, A., Kocevski, D. D., **Trump, J. R.** et al. 2015, *A HST/WFC3 Grism Spectroscopic Redshift Catalog in the GOODS-South Field*, AJ, 149, 178

17: Sun, M., **Trump, J. R.** et al. 2015, *Evolution in the Black Hole – Galaxy Relations and the Duty Cycle of Nuclear Activity in Star-Forming Galaxies*, ApJ, 802, 14

16: Cheung, E., **Trump, J. R.** et al. 2015, *Galaxy Zoo: Are Bars Responsible for the Feeding of Active Galactic Nuclei at* $0.2 < z < 1.0$*?*, MNRAS, 447, 506

15: Barro, G., **Trump, J. R.** et al. 2014, *Keck/MOSFIRE Spectroscopy of Compact Star-Forming Galaxies at* $z > 2$*: High Velocity Dispersions in Progenitors of Compact Quiescent Galaxies*, ApJ, 795, 145

14: **Trump, J. R.** et al. 2014, *No More Active Galactic Nuclei in Clumpy Disks Than in Smooth Galaxies at $z \sim 2$ in CANDELS / 3D-HST*, ApJ, 793, 101

13: Yesuf, H. M., Faber, S. M., **Trump, J. R.** et al. 2014, *From Starburst to Quiescence: Testing AGN feedback in Rapidly Quenching Post-Starburst Galaxies*, ApJ, 792, 84

12: Schneider, E. E., Impey, C. D., **Trump, J. R.**, Salvato, M. 2013, *Steps Toward Unveiling the True Population of Active Galactic Nuclei: Photometric Characterization of Active Galactic Nuclei in COSMOS*, ApJ, 766, 123

11: **Trump, J. R.** et al. 2013, *A Census of Broad-Line Active Galactic Nuclei in Nearby Galaxies: Coeval Star Formation and Rapid Black Hole Growth*, ApJ, 763, 133

10: **Trump, J. R.** et al. 2013, *Testing Diagnostics of Nuclear Activity and Star Formation in Galaxies at z>1*, ApJ, 763, 6

9: **Trump, J. R.** et al. 2011, *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

8: **Trump, J. R.** et al. 2011, *Accretion Rate and the Physical Nature of Unobscured Active Galaxies*, ApJ, 733, 60

7: **Trump, J. R.** et al. 2011, *Spectropolarimetric Evidence for Radiatively Inefficient Accretion in an Optically Dull Active Galaxy*, ApJ, 732, 23

6: **Trump, J. R.** et al. 2009, *The Nature of Optically Dull Active Galactic Nuclei in COSMOS*, ApJ, 706, 797

5: **Trump, J. R.** et al. 2009, *Observational Limits on Type 1 AGN Accretion Rate in COSMOS*, ApJ, 700, 49

4: **Trump. J. R.** et al. 2009, *The COSMOS Active Galactic Nucleus Spectroscopic Survey. I. XMM-Newton Counterparts*, ApJ, 696, 1195

3: Casey, C. M., Impey, C. D., **Trump, J. R.** et al. 2008, *Optical Selection of Faint Active Galactic Nuclei in the COSMOS Field*, ApJS, 177, 131

2: **Trump, J. R.** et al. 2007, *Magellan Spectroscopy of AGN Candidates in the COSMOS Field*, ApJS, 172, 383

1: **Trump, J. R.** et al. 2006, *A Catalog of Broad Absorption Line Quasars from the Sloan Digital Sky Survey Third Data Release*, ApJS, 165, 1

Other Co-Author Publications

140: Guo, Y., Jogee, S., Finkelstein, S. L. et al. 2023, *First Look at $z > 1$ Bars in the Rest-frame Near-infrared with JWST Early CEERS Imaging*, ApJL, 945, 10

139: Zavala, J. A., Buat, V., Casey, C. M. et al. 2023, *Dusty Starbursts Masquerading as Ultra-high Redshift Galaxies in JWST CEERS Observations*, ApJL, 943, 9

138: Ansh, Shrey; Chen, Chien-Ting J.; Brandt, W. N. et al. 2023, *NuSTAR Observations of a Heavily X-Ray-obscured AGN in the Dwarf Galaxy J144013+024744*, ApJ, 942, 82

137: Finkelstein, S. L., Bagley, M. B., Arrabal Haro, P. et al. 2022, *A Long Time Ago in a Galaxy Far, Far Away: A Candidate z 12 Galaxy in Early JWST CEERS Imaging*, ApJL, 940, 55

136: Arellano-Córdova, K. Z., Berg, D. A., Chisholm, J. et al. 2022, *A First Look at the Abundance Pattern-O/H, C/O, and Ne/O-in z ¿ 7 Galaxies with JWST/NIRSpec*, ApJL, 940, 23

135: Zeltyn, Grisha; Trakhtenbrot, Benny; Eracleous, Michael et al. 2022, *A Transient "Changing-look" Active Galactic Nucleus Resolved on Month Timescales from First-year Sloan Digital Sky Survey V Data*, ApJL, 939, 16

134: Papovich, C., Simons, R. C., Estrada-Carpenter, V. et al. 2022, *CLEAR: The Ionization and Chemical-enrichment Properties of Galaxies at $1.1 < z < 2.3$*, ApJ, 937. 22

133: Matharu, J., Papovich, C., Simons, R. C. et al. 2022, *CLEAR: The Evolution of Spatially Resolved Star Formation in Galaxies between $0.5 < z < 1.7$ Using Hα Emission Line Maps*, ApJ...937...16

132: Jung, I., Papovich, C., Finkelstein, S. L. et al. 2022, *CLEAR: Boosted Ly Transmission of the Intergalactic Medium in UV-bright Galaxies*, ApJ, 933, 87

131: Salvato, M., Wolf, J., Dwelly, T. et al. 2022, *The eROSITA Final Equatorial-Depth Survey (eFEDS). Identification and characterization of the counterparts to point-like sources*, A&A, 661, 3

130: Abdurro'uf, Accetta, K., Aerts, C. et al. 2022, *The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data*, ApJS, 259, 35

129: Charisi, M., Taylor, S. R., Runnoe, J., Bogdanovic, T., & Trump, J. 2. 2021, *Multi-messenger time-domain signatures of supermassive black hole binaries*, MNRAS, 510, 5929

128: Prescott, M. K. M., Finlator, K. M., Cleri, N. J., Trump, J. R., & Papovich, C. 2022, *Using Multiple Emission Line Ratios to Constrain the Slope of the Dust Attenuation Law*, ApJ, 928, .71

127: Simons, R. C., Papovich, C., Momcheva, I., Trump, J. R. et al. 2021, *CLEAR: The Gas-phase Metallicity Gradients of Star-forming Galaxies at* $0.6 < z < 2.6$, ApJ, 923, 203

126: Ni, Q., Brandt, W. N., Chen, C.-T. et al. 2021, *The XMM-SERVS Survey: XMM-Newton Point-source Catalogs for the W-CDF-S and ELAIS-S1 Fields*, ApJS, 256, 21

125: Li, T., Sun, M., Xu, X. et al. 2021, *Faint Active Galactic Nuclei Favor Unexpectedly Long Inter-band Time Lags*, ApJ, 912, 29

124: Li, J. I., Shen, Y., Ho, L. C. et al. 2021, *The Sloan Digital Sky Survey Reverberation Mapping Project: The MBH-Host Relations at* $0.2 < z < 0.6$ *from Reverberation Mapping and Hubble Space Telescope Imaging*, ApJ, 906, 103

123: Dalla Bonta, E., Peterson, B. M., Bentz, M. C. et al. 2020, *The Sloan Digital Sky Survey Reverberation Mapping Project: Estimating Masses of Black Holes in Quasars with Single-epoch Spectroscopy*, ApJ, 903, 112

122: Cooke, K. C., Kirkpatrick, A., Estrada, M. et al. 2020, *Dying of the Light: An X-ray Fading Cold Quasar at* $z \sim 0.405$, ApJ, 903, 106

121: Wang, S., Shen, Y., Jiang, L. et al. 2020, *The Sloan Digital Sky Survey Reverberation Mapping Project: How Broad Emission Line Widths Change When Luminosity Changes*, ApJ, 903, 51

120: Sun, M., Xue, Y., Guo, H. et al. 2020, *Modeling Quasar UV/Optical Variability with the Corona-heated Accretion-disk Reprocessing (CHAR) Model*, ApJ, 902, 7

119: Kinemuchi, K., Hall, P. B., McGreer, I. et al. 2020, *The Sloan Digital Sky Survey Reverberation Mapping Project: Photometric g and i Light Curves*, ApJS, 250, 10

118: Estrada-Carpenter, V., Papovich, C., Momcheva, I. et al. 2020, *CLEAR. II. Evidence for Early Formation of the Most Compact Quiescent Galaxies at High Redshift*, ApJ, 898, 171

117: Sun, M., Xue, Y., Brandt, W. N. et al. 2020, *Corona-heated Accretion-disk Reprocessing: A Physical Model to Decipher the Melody of AGN UV/Optical Twinkling*, ApJ, 891, 178

116: Grier, C. J., Shen, Y., Horne, K. et al. 2019, *The Sloan Digital Sky Survey Reverberation Mapping Project: Initial C IV Lag Results from Four Years of Data*, ApJ, 887, 38

115: Dexter, J., Xin, S., Shen, Y. et al. 2019, *The Sloan Digital Sky Survey Reverberation Mapping Project: Accretion and Broad Emission Line Physics from a Hypervariable Quasar*, ApJ, 885, 44

114: Zhou, R. et al. 2019, *Deep ugrizY imaging and DEEP2/3 spectroscopy: a photometric redshift testbed for LSST and public release of data from the DEEP3 Galaxy Redshift Survey*, MNRAS, 488, 4565

113: Li, I-Hsui, J.; Shen, Y., Brandt, W. N. et al. 2019, *The Sloan Digital Sky Survey Reverberation Mapping Project: Comparison of Lag Measurement Methods with Simulated Observations*, ApJ, 884, 119

112: Shen, Y., Grier, C. J., Horne, K. et al. 2019, *The Sloan Digital Sky Survey Reverberation Mapping Project: Improving Lag Detection with an Extended Multiyear Baseline*, 2019, ApJ, 883, 14

111: Wang, S., Shen, Y., Jiang, L. et al. 2019, *The Sloan Digital Sky Survey Reverberation Mapping Project: Low-ionization Broad-line Widths and Implications for Virial Black Hole Mass Estimation*, ApJ, 882, 4

110: Barro, G. et al. 2019, *The CANDELS/SHARDS Multiwavelength Catalog in GOODS-N: Photometry, Photometric Redshifts, Stellar Masses, Emission-line Fluxes, and Star Formation Rates*, ApJS, 243, 22

109: Shen, Y. et al. 2019, *The Sloan Digital Sky Survey Reverberation Mapping Project: Sample Characterization*, ApJS, 241, 34

108: Hemler, Z. S. et al. 2019, *The Sloan Digital Sky Survey Reverberation Mapping Project: Systematic Investigations of Short-timescale C IV Broad Absorption Line Variability*, ApJ, 872, 21

107: Sun, M., Yue, X., Trump, J. R. & Gu, W.-M. 2019, *Winds Can "Blow Up" AGN Accretion Disk Sizes*, MNRAS, 482, 2788

106: Estrada-Carpenter, V. et al. 2019, *CLEAR I: Ages and Metallicities of Quiescent Galaxies at* $1.0 < z < 1.8$ *Derived from Deep Hubble Space Telescope Grism Data*, ApJ, 870, 133

105: Yang, G., Brandt, W. N., Darvish, B. et al. 2018, *Does black-hole growth depend on the cosmic environment?*, MNRAS, 480, 1022

104: Chen, C.-T. J., Brandt, W. N., Luo, B. et al. 2018, *The XMM-SERVS survey: new XMM-Newton point-source catalog for the XMM-LSS field*, MNRAS, 478, 2132

103: Yue, M., Jiang, L., Shen, Y. et al. 2018, *The Sloan Digital Sky Survey Reverberation Mapping Project: Quasar Host Galaxies at* $z < 0.8$ *from Image Decomposition*, ApJ, 863, 21

102: De Cicco, D. et al. 2018, *C IV BAL disappearance in a large SDSS QSO sample*, A&A, 616, 114

101: Fang, J. J., Faber, S. M., Koo, D. C. et al. 2018, *Demographics of Star-forming Galaxies since* $z \sim 2.5$*. I. The UVJ Diagram in CANDELS*, ApJ, 858, 100

100: Yang, G. et al. 2018, *Linking black-hole growth with host galaxies: The accretion-stellar mass relation and its cosmic evolution*, MNRAS, 475.1887

99: Sun, M., Xue, Y., Richards, G. T., Trump, J. R., Shen, Y., Brandt, W. N. & Schneider, D. P. 2018, *The Sloan Digital Sky Survey Reverberation Mapping Project: The C IV Blueshift, Its Variability, and Its Dependence Upon Quasar Properties*, ApJ, 854, 128

98: Donley, J. L. et al. 2018, *Evidence for Merger-driven Growth in Luminous, High-z, Obscured AGNs in the CANDELS/COSMOS Field*, ApJ, 853, 63

97: Albareti, F. D. et al. 2017, *The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory*, MNRAS, 475.1887

96: Kocevski, D. D. et al. 2017, *CANDELS: Elevated Black Hole Growth in the Progenitors of Compact Quiescent Galaxies at* $z \sim 2$, ApJ, 846, 112

95: Li, J. et al. 2017, *The Sloan Digital Sky Survey Reverberation Mapping Project: Composite Lags at z ¡ 1*, ApJ, 846, 79

94: Simons, R. C. et al. 2017, $z \sim 2$*: An Epoch of Disk Assembly*, ApJ, 843, 46

93: Yang, G. et al. 2017, *Black Hole Growth Is Mainly Linked to Host-galaxy Stellar Mass Rather Than Star Formation Rate*, ApJ, 842, 72

92: Barro, G. et al. 2017, *Structural and Star-forming Relations since* $z \sim 3$*: Connecting Compact Star-forming and Quiescent Galaxies*, ApJ, 840, 47

91: Villforth, C. et al. 2017, *Host galaxies of luminous* $z \sim 0.6$ *quasars: major mergers are not prevalent at the highest AGN luminosities*, MNRAS, 466, 812

90: Yi, W. et al. 2017, *The Physical Constraints on a New LoBAL QSO at* $z = 4.82$, ApJ, 838, 135

89: Chen, C.-T. J. et al. 2017, *Hard X-Ray-selected AGNs in Low-mass Galaxies from the NuSTAR Serendipitous Survey*, ApJ, 837, 48

88: Guo, Y. et al. 2016, *The Bursty Star Formation Histories of Low-mass Galaxies at* $0.4 < z < 1$ *Revealed by Star Formation Rates Measured from FUV and Hbeta*, ApJ, 833, 37

87: Denney, K. D. et al. 2016, *The Sloan Digital Sky Survey Reverberation Mapping Project: Biases in* $z > 1.46$ *Redshifts due to Quasar Diversity*, ApJ, 833, 33

86: Vito, F. et al. 2016, *The deepest X-ray view of high-redshift galaxies: constraints on low-rate black-hole accretion*, MNRAS, 463, 348

85: Shen, Y. et al. 2016, *The Sloan Digital Sky Survey Reverberation Mapping Project: Velocity Shifts of Quasar Emission Lines*, ApJ, 831, 7

84: Barro, G. et al. 2016, *Sub-kiloparsec ALMA Imaging of Compact Star-forming Galaxies at* $z \sim 2.5$*: Revealing the Formation of Dense Galactic Cores in the Progenitors of Compact Quiescent Galaxies*, ApJ, 827, 32

83: Lehmer, B. D. et al. 2016, *The Evolution of Normal Galaxy X-ray Emission Through Cosmic History: Constraints from the 6 Ms Chandra Deep Field-South*, ApJ, 825, 7

82: Denney, K. D. et al. 2016, *The Sloan Digital Sky Survey Reverberation Mapping Project: An Investigation of Biases in Civ Emission Line Properties*, 2016, ApJS, 224, 14

81: Grier, C. J. et al. 2016, *CIV Broad Absorption Line Acceleration in Sloan Digital Sky Survey Quasars*, ApJ, 824, 130

80: Guo, Y. et al. 2016, *Stellar Mass–Gas-phase Metallicity Relation at* $0.5leqzleq0.7$*: A Power Law with Increasing Scatter toward the Low-mass Regime*, ApJ, 822, 103

79: Rosario, D. J. et al. 2016, *Local SDSS galaxies in the Herschel Stripe 82 survey: a critical assessment of optically derived star formation rates*, MNRAS, 457, 2703

78: Barro, B. et al. 2016, *Caught in the act: gas and stellar velocity dispersions in a fast quenching compact star-forming galaxy at* $z \sim 1.7$, ApJ, 820, 120

77: Shen, Y. et al. 2016, *The Sloan Digital Sky Survey Reverberation Mapping Project: First Broad-line* $H\beta$ *and MgII Lags at* $z > 0.3$ *from Six-Month Spectroscopy*, ApJ, 818, 30

76: Hagen, A. et al. 2016, *HST Emission Line Galaxies at* $z \sim 2$*: Comparing Physical Properties of Lyman Alpha and Optical Emission Line Selected Galaxies*, ApJ, 817, 79

75: Grasshorn Gebhardt, H. S. et al. 2016, *Young, Star-forming Galaxies and their local Counterparts: the Evolving Relationship of Mass-SFR-Metallicity since* $z \sim 2.1$, ApJ, 817, 10

74: Zeimann, G. R. et al. 2015, *The Dust Attenuation Curve versus Stellar Mass for Emission Line Galaxies at* $z \sim 2$, ApJ, 814, 162

73: Kocevski, D. D. et al. 2015, *Are Compton-Thick AGN the Missing Link Between Mergers and Black Hole Growth?*, ApJ, 814, 104

72: Kartaltepe, J. S. et al. 2015, *CANDELS Visual Classifications: Scheme, Data Release, and First Results*, ApJS, 221, 11

71: Matsuoka, Y. et al. 2015, *The Sloan Digital Sky Survey Reverberation Mapping Project: Post-Starburst Signatures in Quasar Host Galaxies at* $z < 1$, ApJ, 811, 91

70: Richards, G. T. et al. 2015, *Bayesian High-redshift Quasar Classification from Optical and Mid-IR Photometry*, ApJS, 219, 39

69: Grier, C. J. et al. 2015, *The Sloan Digital Sky Survey Reverberation Mapping Project: Rapid CIV Broad Absorption Line Variability*, ApJ, 806, 111

68: Shen, Y. et al. 2015, *The Sloan Digital Sky Survey Reverberation Mapping Project: No Evidence for Evolution in the* $M_{BH} - \sigma_*$ *Relation to* $z \sim 1$, ApJ, 805, 96

67: Williams, C. C. et al. 2015, *The Interstellar Medium and Feedback in the Progenitors of the Compact Passive Galaxies at* $z \sim 2$, ApJ, 800, 21

66: Shen, Y. et al. 2015, *The Sloan Digital Sky Survey Reverberation Mapping Project: Technical Overview*, ApJS, 216, 4

65: Zeimann, G. R. et al. 2015, *Hubble Space Telescope Emission-line Galaxies at $z \sim 2$: The Mystery of Neon*, ApJ, 798, 29

64: Rosario, D. J. et al. 2015, *The host galaxies of X-ray selected Active Galactic Nuclei to $z = 2.5$: Structure, star-formation and their relationships from CANDELS and Herschel/PACS*, A&A, 573, 85

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