

Ryan F Trainor

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,897
citations

279798

23
h-index

526287

27
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28
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28
docs citations

28
times ranked

2364
citing authors

#	ARTICLE	IF	CITATIONS
1	STRONG NEBULAR LINE RATIOS IN THE SPECTRA OF $z \sim 2-3$ STAR FORMING GALAXIES: FIRST RESULTS FROM KBSS-MOSFIRE. <i>Astrophysical Journal</i> , 2014, 795, 165.	4.5	508
2	RECONCILING THE STELLAR AND NEBULAR SPECTRA OF HIGH-REDSHIFT GALAXIES*. <i>Astrophysical Journal</i> , 2016, 826, 159.	4.5	314
3	THE GASEOUS ENVIRONMENT OF HIGH- z GALAXIES: PRECISION MEASUREMENTS OF NEUTRAL HYDROGEN IN THE CIRCUMGALACTIC MEDIUM OF $z \sim 2-3$ GALAXIES IN THE KECK BARYONIC STRUCTURE SURVEY. <i>Astrophysical Journal</i> , 2012, 750, 67.	4.5	267
4	MOSFIRE, the multi-object spectrometer for infra-red exploration at the Keck Observatory. <i>Proceedings of SPIE</i> , 2012, , .	0.8	246
5	The Keck Lyman Continuum Spectroscopic Survey (KLCS): The Emergent Ionizing Spectrum of Galaxies at $z \sim 3$. <i>Astrophysical Journal</i> , 2018, 869, 123.	4.5	201
6	Nebular Emission Line Ratios in $z \sim 3$ Star-forming Galaxies with KBSS-MOSFIRE: Exploring the Impact of Ionization, Excitation, and Nitrogen-to-Oxygen Ratio. <i>Astrophysical Journal</i> , 2017, 836, 164.	4.5	192
7	THE $\text{Ly}\alpha$ PROPERTIES OF FAINT GALAXIES AT $z \sim 2-3$ WITH SYSTEMIC REDSHIFTS AND VELOCITY DISPERSIONS FROM KECK-MOSFIRE. <i>Astrophysical Journal</i> , 2014, 795, 33.	4.5	151
8	THE SPECTROSCOPIC PROPERTIES OF $\text{Ly}\alpha$ -EMITTERS AT $z \sim 2.7$: ESCAPING GAS AND PHOTONS FROM FAINT GALAXIES. <i>Astrophysical Journal</i> , 2015, 809, 89.	4.5	125
9	THE HALO MASSES AND GALAXY ENVIRONMENTS OF HYPERLUMINOUS QSOs AT $z \sim 2.7$ IN THE KECK BARYONIC STRUCTURE SURVEY. <i>Astrophysical Journal</i> , 2012, 752, 39.	4.5	109
10	Measuring the Physical Conditions in High-redshift Star-forming Galaxies: Insights from KBSS-MOSFIRE. <i>Astrophysical Journal</i> , 2018, 868, 117.	4.5	94
11	THE REST-FRAME OPTICAL SPECTROSCOPIC PROPERTIES OF $\text{Ly}\alpha$ -EMITTERS AT $z \sim 2.5$: THE PHYSICAL ORIGINS OF STRONG $\text{Ly}\alpha$ EMISSION*. <i>Astrophysical Journal</i> , 2016, 832, 171.	4.5	83
12	A HIGH-RESOLUTION HUBBLE SPACE TELESCOPE STUDY OF APPARENT LYMAN CONTINUUM LEAKERS AT $z \sim 3$. <i>Astrophysical Journal</i> , 2015, 810, 107.	4.5	81
13	Column Density, Kinematics, and Thermal State of Metal-bearing Gas within the Virial Radius of $z \sim 2$ Star-forming Galaxies in the Keck Baryonic Structure Survey. <i>Astrophysical Journal</i> , 2019, 885, 61.	4.5	69
14	A HIGH FRACTION OF $\text{Ly}\alpha$ -EMITTERS AMONG GALAXIES WITH EXTREME EMISSION LINE RATIOS AT $z \sim 2$. <i>Astrophysical Journal</i> , 2016, 830, 52.	4.5	56
15	THE MASS-METALLICITY RELATION OF A $z \sim 2$ PROTOCLUSTER WITH MOSFIRE. <i>Astrophysical Journal</i> , 2013, 774, 130.	4.5	55
16	Dust Attenuation, Star Formation, and Metallicity in $z \sim 3$ Galaxies from KBSS-MOSFIRE. <i>Astrophysical Journal</i> , 2019, 871, 128.	4.5	49
17	CORRECTING VELOCITY DISPERSIONS OF DWARF SPHEROIDAL GALAXIES FOR BINARY ORBITAL MOTION. <i>Astrophysical Journal</i> , 2010, 721, 1142-1157.	4.5	46
18	CONSTRAINTS ON HYPERLUMINOUS QSO LIFETIMES VIA FLUORESCENT $\text{Ly}\alpha$ EMITTERS AT $z \sim 2.7$. <i>Astrophysical Journal Letters</i> , 2013, 775, L3.	8.3	45

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19	The Keck Baryonic Structure Survey: using foreground/background galaxy pairs to trace the structure and kinematics of circumgalactic neutral hydrogen at $z \approx 2$. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1721-1746.	4.4	37
20	A NEWLY FORMING COLD FLOW PROTOGALACTIC DISK, A SIGNATURE OF COLD ACCRETION FROM THE COSMIC WEB. Astrophysical Journal Letters, 2016, 824, L5.	8.3	35
21	Multi-filament gas inflows fuelling young star-forming galaxies. Nature Astronomy, 2019, 3, 822-831.	10.1	34
22	Predicting Ly α Emission from Galaxies via Empirical Markers of Production and Escape in the KBSS*. Astrophysical Journal, 2019, 887, 85.	4.5	31
23	Chemical Abundance Scaling Relations for Multiple Elements in $z \approx 2-3$ Star-forming Galaxies. Astrophysical Journal, 2022, 925, 116.	4.5	25
24	The KBSS+KCWI survey: the connection between extended Ly α haloes and galaxy azimuthal angle at $z \approx 2-3$. Monthly Notices of the Royal Astronomical Society, 2021, 508, 19-43.	4.4	20
25	Imaging Spectroscopy of Ionized Gaseous Nebulae around Optically Faint AGNs at Redshift $z \approx 2$. Astrophysical Journal, 2018, 866, 119.	4.5	12
26	The SCUBA-2 web survey: I. Observations of CO(3 \rightarrow 2) in hyper-luminous QSO fields. Monthly Notices of the Royal Astronomical Society, 2019, 485, 753-769.	4.4	7
27	Reconciling the results of the $z \approx 2$ MOSDEF and KBSS-MOSFIRE Surveys. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3871-3892.	4.4	5