Tom Zick

List of Publications by Year
in descending order

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19 papers	975 citations	516710 16 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	1163 citing authors

#	Article	IF	Citations
1	The MOSDEF Survey: The Evolution of the Massâ€“Metallicity Relation from z = 0 to z âˆ¼ 3.3*. Astrophysical Journal, 2021, 914, 19.	4.5	124
2	The MOSDEF survey: direct-method metallicities and ISM conditions at zÂâˆ¼Â1.5â€“3.5. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1427-1455.	4.4	116
3	The MOSDEF Survey: A Stellar Massâ€“SFRâ€“Metallicity Relation Exists at zÂâˆ¼Â2.3^{â^—}. Astrophysical Journal, 2018, 858, 99.	4.5	108
4	The MOSDEF Survey: Direct Observational Constraints on the Ionizing Photon Production Efficiency, Î¾_{ion}, at zÂâˆ¼Â2. Astrophysical Journal, 2018, 855, 42.	4.5	88
5	The MOSDEF Survey: Significant Evolution in the Rest-frame Optical Emission Line Equivalent Widths of Star-forming Galaxies at zÂ=Â1.4â€“3.8. Astrophysical Journal, 2018, 869, 92.	4.5	83
6	The MOSDEF Survey: The Variation of the Dust Attenuation Curve with Metallicity. Astrophysical Journal, 2020, 899, 117.	4.5	77
7	THE MOSDEF SURVEY: DYNAMICAL AND BARYONIC MASSES AND KINEMATIC STRUCTURES OF STAR-FORMING GALAXIES AT 1.4 â‰¤ z â‰¤ 2.6. Astrophysical Journal, 2016, 819, 80.	4.5	61
8	The MOSDEF Survey: A Census of AGN-driven Ionized Outflows at zÂ=Â1.4â€“3.8. Astrophysical Journal, 2019, 886, 11.	4.5	50
9	The MOSDEF Survey: The First Direct Measurements of the Nebular Dust Attenuation Curve at High Redshift*. Astrophysical Journal, 2020, 902, 123.	4.5	46
10	The MOSDEF Survey: Metallicity Dependence of PAH Emission at High Redshift and Implications for 24Î¼m Inferred IR Luminosities and Star Formation Rates atzâˆ¼ 2. Astrophysical Journal, 2017, 837, 157.	4.5	42
11	The MOSDEF Survey: Sulfur Emission-line Ratios Provide New Insights into Evolving Interstellar Medium Conditions at High Redshift^{â^—}. Astrophysical Journal Letters, 2019, 881, L35.	8.3	41
12	The MOSDEF Survey: The Metallicity Dependence of X-Ray Binary Populations at zÂâˆ¼Â2. Astrophysical Journal, 2019, 885, 65.	4.5	28
13	The MOSDEF survey: a comprehensive analysis of the rest-optical emission-line properties of z âˆ¼ 2.3 star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2600-2614.	4.4	28
14	The MOSDEF Survey: The Nature of Mid-infrared Excess Galaxies and a Comparison of IR and UV Star Formation Tracers at zÂâˆ¼Â2. Astrophysical Journal, 2018, 866, 63.	4.5	21
15	The MOSDEF Survey: Neon as a Probe of ISM Physical Conditions at High Redshift[*]. Astrophysical Journal Letters, 2020, 902, L16.	8.3	20
16	The MOSDEF Survey: Environmental Dependence of the Gas-phase Metallicity of Galaxies at 1.4 â‰¤ z â‰¤ 2.6*. Astrophysical Journal, 2021, 908, 120.	4.5	18
17	The MOSDEF survey: the massâ€“metallicity relationship and the existence of the FMR at z âˆ¼ 1.5. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1237-1249.	4.4	11
18	The MOSDEF survey: differences in SFR and metallicity for morphologically selected mergers at z âˆ¼ 2. Monthly Notices of the Royal Astronomical Society, 2020, 501, 137-145.	4.4	8

#	Article	IF	Citations
19	Reconciling the results of the z â¼ 2 MOSDEF and KBSS-MOSFIRE Surveys. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3871-3892.	4.4	5