

Tara Fetherolf

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,684
citations

331670

21
h-index

289244

40
g-index

48
all docs

48
docs citations

48
times ranked

2377
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>KEPLER</i> ECLIPSING BINARY STARS. II. 2165 ECLIPSING BINARIES IN THE SECOND DATA RELEASE. <i>Astronomical Journal</i> , 2011, 142, 160.	4.7	358
2	The MOSDEF Survey: The Evolution of the Mass–Metallicity Relation from $z = 0$ to $z \approx 3.3^*$. <i>Astrophysical Journal</i> , 2021, 914, 19.	4.5	124
3	The MOSDEF survey: direct-method metallicities and ISM conditions at $z \approx 1.5 \text{--} 3.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1427-1455.	4.4	116
4	The MOSDEF Survey: Direct Observational Constraints on the Ionizing Photon Production Efficiency, Γ_{ion} , at $z \approx 2$. <i>Astrophysical Journal</i> , 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 $z = 1.4 \text{--} 3.8$. <i>Astrophysical Journal</i> , 2018, 869, 92.	4.5	83
6	The MOSDEF Survey: The Variation of the Dust Attenuation Curve with Metallicity. <i>Astrophysical Journal</i> , 2020, 899, 117.	4.5	77
7	TESS Full Orbital Phase Curve of the WASP-18b System. <i>Astronomical Journal</i> , 2019, 157, 178.	4.7	70
8	The MOSDEF Survey: A Census of AGN-driven Ionized Outflows at $z = 1.4 \text{--} 3.8$. <i>Astrophysical Journal</i> , 2019, 886, 11.	4.5	50
9	The MOSDEF Survey: The First Direct Measurements of the Nebular Dust Attenuation Curve at High Redshift*. <i>Astrophysical Journal</i> , 2020, 902, 123.	4.5	46
10	Systematic Phase Curve Study of Known Transiting Systems from Year One of the TESS Mission. <i>Astronomical Journal</i> , 2020, 160, 155.	4.7	45
11	Exploring the Atmospheric Dynamics of the Extreme Ultrahot Jupiter KELT-9b Using TESS Photometry. <i>Astronomical Journal</i> , 2020, 160, 88.	4.7	44
12	The MOSDEF Survey: Sulfur Emission-line Ratios Provide New Insights into Evolving Interstellar Medium Conditions at High Redshift. <i>Astrophysical Journal Letters</i> , 2019, 881, L35.	8.3	41
13	Visible-light Phase Curves from the Second Year of the TESS Primary Mission. <i>Astronomical Journal</i> , 2021, 162, 127.	4.7	40
14	The MOSDEF Survey: Kinematic and Structural Evolution of Star-forming Galaxies at $1.4 \leq z \leq 3.8$. <i>Astrophysical Journal</i> , 2020, 894, 91.	4.5	34
15	TESS Phase Curve of the Hot Jupiter WASP-19b. <i>Astronomical Journal</i> , 2020, 159, 104.	4.7	32
16	<i>KEPLER</i> STUDIES OF LOW-MASS ECLIPSING BINARIES. I. PARAMETERS OF THE LONG-PERIOD BINARY KIC 6131659. <i>Astrophysical Journal</i> , 2012, 761, 157.	4.5	30
17	The MOSDEF Survey: The Metallicity Dependence of X-Ray Binary Populations at $z \approx 2$. <i>Astrophysical Journal</i> , 2019, 885, 65.	4.5	28
18	The MOSDEF survey: a comprehensive analysis of the rest-optical emission-line properties of $z \approx 2.3$ star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2600-2614.	4.4	28

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19	TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up. <i>Astronomical Journal</i> , 2021, 162, 54.	4.7	25
20	TESS Observations of the WASP-121 b Phase Curve. <i>Astronomical Journal</i> , 2021, 161, 131.	4.7	23
21	A Second Planet Transiting LTT 1445A and a Determination of the Masses of Both Worlds. <i>Astronomical Journal</i> , 2022, 163, 168.	4.7	23
22	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , 2020, 160, 129.	4.7	22
23	The MOSDEF Survey: Neon as a Probe of ISM Physical Conditions at High Redshift [*] . <i>Astrophysical Journal Letters</i> , 2020, 902, L16.	8.3	20
24	Science Extraction from TESS Observations of Known Exoplanet Hosts. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 014402.	3.1	19
25	The MOSDEF Survey: [S iii] as a New Probe of Evolving Interstellar Medium Conditions*. <i>Astrophysical Journal Letters</i> , 2020, 888, L11.	8.3	19
26	The TESS-Keck Survey. VIII. Confirmation of a Transiting Giant Planet on an Eccentric 261 Day Orbit with the Automated Planet Finder Telescope*. <i>Astronomical Journal</i> , 2022, 163, 61.	4.7	19
27	The MOSDEF Survey: Environmental Dependence of the Gas-phase Metallicity of Galaxies at $1.4 < z < 2.6$ *. <i>Astrophysical Journal</i> , 2021, 908, 120.	4.5	18
28	The TESS Phase Curve of KELT-1b Suggests a High Dayside Albedo. <i>Astronomical Journal</i> , 2020, 160, 211.	4.7	18
29	The TESS-Keck Survey: [*] Science Goals and Target Selection. <i>Astronomical Journal</i> , 2022, 163, 297.	4.7	16
30	The MOSDEF Survey: No Significant Enhancement in Star Formation or Deficit in Metallicity in Merging Galaxy Pairs at $1.5 < z < 3.5$ [—] . <i>Astrophysical Journal</i> , 2019, 874, 18.	4.5	14
31	TESS Reveals HD 118203 b to be a Transiting Planet. <i>Astronomical Journal</i> , 2020, 159, 243.	4.7	14
32	TESS-Keck Survey. V. Twin Sub-Neptunes Transiting the Nearby G Star HD 63935. <i>Astronomical Journal</i> , 2021, 162, 215.	4.7	12
33	The MOSDEF survey: the mass-metallicity relationship and the existence of the FMR at $z < 1.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1237-1249.	4.4	11
34	Spatially Resolved Properties of Galaxies from CANDELS+MUSE: Radial Extinction Profile and Insights on Quenching. <i>Astrophysical Journal</i> , 2019, 887, 204.	4.5	10
35	The MOSDEF Survey: Stellar Continuum Spectra and Star Formation Histories of Active, Transitional, and Quiescent Galaxies at $1.4 < z < 2.6$. <i>Astrophysical Journal Letters</i> , 2018, 867, L16.	8.3	8
36	The MOSDEF survey: differences in SFR and metallicity for morphologically selected mergers at $z < 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 137-145.	4.4	8

#	ARTICLE	IF	CITATIONS
37	The MOSDEF survey: an improved Voronoi binning technique on spatially resolved stellar populations at $z \approx 2$. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5009-5029.	4.4	7
38	The Dark Planets of the WASP-47 Planetary System. Astronomical Journal, 2020, 159, 176.	4.7	7
39	Variation of the nebular dust attenuation curve with the properties of local star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3588-3595.	4.4	7
40	Revisiting BD-06 1339b: A Likely False Positive Caused by Stellar Activity. Astronomical Journal, 2022, 163, 215.	4.7	7
41	Stellar Properties of KIC 8736245: An Eclipsing Binary with a Solar-type Star Leaving the Main Sequence. Astronomical Journal, 2019, 158, 198.	4.7	6
42	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
43	The MOSDEF survey: the dependence of $H\alpha$ -to-UV SFR ratios on SFR and size at $z \approx 2$. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1431-1445.	4.4	4
44	HD 83443c: A Highly Eccentric Giant Planet on a 22 yr Orbit. Astronomical Journal, 2022, 163, 273.	4.7	4
45	The MOSDEF-LRIS survey: connection between galactic-scale outflows and the properties of $z \approx 2$ star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 515, 841-856.	4.4	4