

Tao Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3594695/publications.pdf>

Version: 2024-02-01

29
papers

1,825
citations

430874

18
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

2427
citing authors

#	ARTICLE	IF	CITATIONS
1	The Herschel view of the dominant mode of galaxy growth from $z = 4$ to the present day. <i>Astronomy and Astrophysics</i> , 2015, 575, A74.	5.1	582
2	GOODS-HERSCHEL: STAR FORMATION, DUST ATTENUATION, AND THE FIR-RADIO CORRELATION ON THE MAIN SEQUENCE OF STAR-FORMING GALAXIES UP TO $z \approx 4$. <i>Astrophysical Journal</i> , 2015, 807, 141.	4.5	174
3	DISCOVERY OF A GALAXY CLUSTER WITH A VIOLENTLY STARBURSTING CORE AT $z \approx 2.506$. <i>Astrophysical Journal</i> , 2016, 828, 56.	4.5	148
4	T-PHOT: A new code for PSF-matched, prior-based, multiwavelength extragalactic deconvolution photometry. <i>Astronomy and Astrophysics</i> , 2015, 582, A15.	5.1	128
5	Fast radio bursts as a cosmic probe?. <i>Physical Review D</i> , 2014, 89, .	4.7	118
6	Super-deblended Dust Emission in Galaxies. I. The GOODS-North Catalog and the Cosmic Star Formation Rate Density out to Redshift 6. <i>Astrophysical Journal</i> , 2018, 853, 172.	4.5	102
7	ALMA twenty-six arcmin ² survey of GOODS-S at one millimeter (ASAGAO): Source catalog and number counts. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	65
8	Diffuse PeV neutrino emission from ultraluminous infrared galaxies. <i>Physical Review D</i> , 2013, 87, .	4.7	61
9	Revealing the Environmental Dependence of Molecular Gas Content in a Distant X-Ray Cluster at $z \approx 2.51$. <i>Astrophysical Journal Letters</i> , 2018, 867, L29.	8.3	45
10	ALMA 26 Arcmin ² Survey of GOODS-S at One Millimeter (ASAGAO): Average Morphology of High-z Dusty Star-forming Galaxies in an Exponential Disk ($n \approx 1$). <i>Astrophysical Journal</i> , 2018, 861, 7.	4.5	43
11	ALMA 26 arcmin ² Survey of GOODS-S at 1 mm (ASAGAO): Near-infrared-dark Faint ALMA Sources. <i>Astrophysical Journal</i> , 2019, 878, 73.	4.5	43
12	CANDELS: CORRELATIONS OF SPECTRAL ENERGY DISTRIBUTIONS AND MORPHOLOGIES WITH STAR FORMATION STATUS FOR MASSIVE GALAXIES AT $z \approx 1/2$. <i>Astrophysical Journal</i> , 2012, 752, 134.	4.5	39
13	AGN-host connection at $0.5 < z < 2.5$: A rapid evolution of AGN fraction in red galaxies during the last 10 Gyr. <i>Astronomy and Astrophysics</i> , 2017, 601, A63.	5.1	39
14	THE STAR FORMATION MAIN SEQUENCE: THE DEPENDENCE OF SPECIFIC STAR FORMATION RATE AND ITS DISPERSION ON GALAXY STELLAR MASS. <i>Astrophysical Journal Letters</i> , 2015, 808, L49.	8.3	36
15	The Morphological Evolution, AGN Fractions, Dust Content, Environments, and Downsizing of Massive Green Valley Galaxies at $0.5 < z < 2.5$ in 3D-HST/CANDELS. <i>Astrophysical Journal</i> , 2018, 855, 10.	4.5	36
16	SCUBA-2 Ultra Deep Imaging EAO Survey (Studies). III. Multiwavelength Properties, Luminosity Functions, and Preliminary Source Catalog of 450 1.4m Selected Galaxies. <i>Astrophysical Journal</i> , 2020, 889, 80.	4.5	24
17	ON THE NATURE OF THE PROGENITOR OF THE Type Ia SN2011fe IN M101. <i>Astrophysical Journal</i> , 2012, 749, 141.	4.5	23
18	ALMA Deep Field in SSA22. <i>Astronomy and Astrophysics</i> , 2020, 640, L8.	5.1	20

#	ARTICLE	IF	CITATIONS
19	Accelerated Galaxy Growth and Environmental Quenching in a Protocluster at $z = 3.24$. <i>Astrophysical Journal</i> , 2021, 911, 46.	4.5	19
20	IDENTIFICATION OF $z \sim 3$ Herschel 500 μm SOURCES USING COLOR DECONFUSION. <i>Astrophysical Journal Supplement Series</i> , 2016, 222, 4.	7.7	16
21	A Census of Optically Dark Massive Galaxies in the Early Universe from Magnification by Lensing Galaxy Clusters. <i>Astrophysical Journal</i> , 2022, 926, 155.	4.5	13
22	The Mass Dependence of Structure, Star Formation Rate, and Mass Assembly Mode at $0.5 < z < 2.5$. <i>Astrophysical Journal</i> , 2019, 884, 172.	4.5	10
23	The Black Hole–Galaxy Connection: Interplay between Feedback, Obscuration, and Host Galaxy Substructure. <i>Astrophysical Journal</i> , 2022, 925, 203.	4.5	9
24	Cospatial Star Formation and Supermassive Black Hole Growth in $z \sim 3$ Galaxies: Evidence for In Situ Co-evolution. <i>Astrophysical Journal Letters</i> , 2018, 854, L4.	8.3	8
25	ALMA twenty-six arcmin ² survey of GOODS-S at one millimeter (ASAGAO): Millimeter properties of stellar mass selected galaxies. <i>Publication of the Astronomical Society of Japan</i> , 2020, 72, .	2.5	7
26	SELECTION AND MID-INFRARED SPECTROSCOPY OF ULTRALUMINOUS STAR-FORMING GALAXIES AT $z \sim 2$. <i>Astrophysical Journal</i> , 2014, 781, 63.	4.5	6
27	Color Dependence of Clustering of Massive Galaxies at $0.5 < z < 2.5$: Similar Spatial Distributions between Green Valley Galaxies and AGNs. <i>Astrophysical Journal</i> , 2019, 875, 83.	4.5	6
28	Photometric redshifts of galaxies from SDSS and 2MASS. <i>Research in Astronomy and Astrophysics</i> , 2009, 9, 390-400.	1.7	4
29	Oxford SWIFT integral field spectrograph and multiwavelength observations of the Eagle galaxy at $z = 0.77$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 2882-2890.	4.4	1