

Yuhan Yao

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,322
citations

304743

22
h-index

345221

36
g-index

41
all docs

41
docs citations

41
times ranked

1719
citing authors

#	ARTICLE	IF	CITATIONS
1	A tidal disruption event coincident with a high-energy neutrino. <i>Nature Astronomy</i> , 2021, 5, 510-518.	10.1	136
2	The Zwicky Transient Facility Bright Transient Survey. I. Spectroscopic Classification and the Redshift Completeness of Local Galaxy Catalogs. <i>Astrophysical Journal</i> , 2020, 895, 32.	4.5	91
3	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. <i>Astrophysical Journal</i> , 2019, 886, 152.	4.5	77
4	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. <i>Astrophysical Journal</i> , 2020, 905, 145.	4.5	69
5	First tidal disruption events discovered by <i>eROSITA</i> : X-ray/optical properties and X-ray luminosity function at $z < 0.6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3820-3847.	4.4	64
6	A Systematic Search of Zwicky Transient Facility Data for Ultracompact Binary LISA-detectable Gravitational-wave Sources. <i>Astrophysical Journal</i> , 2020, 905, 32.	4.5	62
7	Bright, Months-long Stellar Outbursts Announce the Explosion of Interaction-powered Supernovae. <i>Astrophysical Journal</i> , 2021, 907, 99.	4.5	59
8	The Zwicky Transient Facility Census of the Local Universe. I. Systematic Search for Calcium-rich Gap Transients Reveals Three Related Spectroscopic Subclasses. <i>Astrophysical Journal</i> , 2020, 905, 58.	4.5	57
9	Evidence for Late-stage Eruptive Mass Loss in the Progenitor to SN2018gcp, a Broad-lined Ic Supernova: Pre-explosion Emission and a Rapidly Rising Luminous Transient. <i>Astrophysical Journal</i> , 2019, 887, 169.	4.5	55
10	A WC/WO star exploding within an expanding carbon-oxygen-neon nebula. <i>Nature</i> , 2022, 601, 201-204.	27.8	48
11	Real-time discovery of AT2020xnd: a fast, luminous ultraviolet transient with minimal radioactive ejecta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5138-5147.	4.4	44
12	Fast-transient Searches in Real Time with ZTFReST: Identification of Three Optically Discovered Gamma-Ray Burst Afterglows and New Constraints on the Kilonova Rate. <i>Astrophysical Journal</i> , 2021, 918, 63.	4.5	42
13	SN2019dgc: A Helium-rich Ultra-stripped Envelope Supernova. <i>Astrophysical Journal</i> , 2020, 900, 46.	4.5	38
14	ZTF Early Observations of Type Ia Supernovae. II. First Light, the Initial Rise, and Time to Reach Maximum Brightness. <i>Astrophysical Journal</i> , 2020, 902, 47.	4.5	35
15	The Type Icn SN 2021csp: Implications for the Origins of the Fastest Supernovae and the Fates of Wolf-Rayet Stars. <i>Astrophysical Journal</i> , 2022, 927, 180.	4.5	35
16	A New Class of Roche Lobe-filling Hot Subdwarf Binaries. <i>Astrophysical Journal Letters</i> , 2020, 898, L25.	8.3	33
17	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yq. <i>Astrophysical Journal</i> , 2020, 898, 56.	4.5	32
18	Shock Cooling Emission from Extended Material Revisited. <i>Astrophysical Journal</i> , 2021, 909, 209.	4.5	28

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19	ZTF Early Observations of Type Ia Supernovae. III. Early-time Colors As a Test for Explosion Models and Multiple Populations. <i>Astrophysical Journal</i> , 2020, 902, 48.	4.5	26
20	Constraining the Kilonova Rate with Zwicky Transient Facility Searches Independent of Gravitational Wave and Short Gamma-Ray Burst Triggers. <i>Astrophysical Journal</i> , 2020, 904, 155.	4.5	26
21	Four (Super)luminous Supernovae from the First Months of the ZTF Survey. <i>Astrophysical Journal</i> , 2020, 901, 61.	4.5	25
22	ZTF18aalrxas: A Type IIb Supernova from a Very Extended Low-mass Progenitor. <i>Astrophysical Journal Letters</i> , 2019, 878, L5.	8.3	24
23	A Population of Heavily Reddened, Optically Missed Novae from Palomar Gattini-IR: Constraints on the Galactic Nova Rate. <i>Astrophysical Journal</i> , 2021, 912, 19.	4.5	23
24	Zwicky Transient Facility Constraints on the Optical Emission from the Nearby Repeating FRB 180916J0158+65. <i>Astrophysical Journal Letters</i> , 2020, 896, L2.	8.3	20
25	Discovery of an Intermediate-luminosity Red Transient in M51 and Its Likely Dust-obscured, Infrared-variable Progenitor. <i>Astrophysical Journal Letters</i> , 2019, 880, L20.	8.3	19
26	Luminous Millimeter, Radio, and X-Ray Emission from ZTF 20acigmel (AT 2020xnd). <i>Astrophysical Journal</i> , 2022, 932, 116.	4.5	19
27	Helium-rich Superluminous Supernovae from the Zwicky Transient Facility. <i>Astrophysical Journal Letters</i> , 2020, 902, L8.	8.3	18
28	A Wind-disk Self-irradiation Model for Supercritical Accretion. <i>Astrophysical Journal Letters</i> , 2019, 884, L3.	8.3	15
29	IN-SYNC. VIII. Primordial Disk Frequencies in NGC 1333, IC 348, and the Orion A Molecular Cloud. <i>Astrophysical Journal</i> , 2018, 869, 72.	4.5	14
30	Evidence for Optically Thick, Eddington-limited Winds Driven by Supercritical Accretion. <i>Astrophysical Journal</i> , 2019, 871, 115.	4.5	14
31	Multi-wavelength Observations of AT2019wey: a New Candidate Black Hole Low-mass X-ray Binary. <i>Astrophysical Journal</i> , 2021, 920, 120.	4.5	12
32	Time-series and Phase-curve Photometry of the Episodically Active Asteroid (6478) Gault in a Quiescent State Using APO, GROWTH, P200, and ZTF. <i>Astrophysical Journal Letters</i> , 2021, 911, L35.	8.3	10
33	The ZTF Source Classification Project – II. Periodicity and variability processing metrics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2954-2965.	4.4	10
34	Early Ultraviolet Observations of Type IIc Supernovae Constrain the Asphericity of Their Circumstellar Material. <i>Astrophysical Journal</i> , 2020, 899, 51.	4.5	9
35	Faintest of Them All: ZTF 21aaoryiz/SN 2021fcb – Discovery of an Extremely Low Luminosity Type Ia Supernova. <i>Astrophysical Journal Letters</i> , 2021, 921, L6.	8.3	8
36	A Comprehensive X-Ray Report on AT2019wey. <i>Astrophysical Journal</i> , 2021, 920, 121.	4.5	8

#	ARTICLE	IF	CITATIONS
37	VLBA Discovery of a Resolved Source in the Candidate Black Hole X-Ray Binary AT2019wey. <i>Astrophysical Journal Letters</i> , 2021, 909, L27.	8.3	7
38	Census of R Coronae Borealis Stars. I. Infrared Light Curves from Palomar Gattini IR. <i>Astrophysical Journal</i> , 2021, 910, 132.	4.5	7
39	In Search of Short Gamma-Ray Burst Optical Counterparts with the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2022, 932, 40.	4.5	3
40	The Search for a Counterpart to NuSTAR J053449+2126.0. <i>Research Notes of the AAS</i> , 2022, 6, 50.	0.7	0