Lin Yan

List of Publications by Year in descending order

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		28242	29127
121	11,183	55	104
papers	citations	h-index	g-index
121	121	121	7458
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Zwicky Transient Facility: System Overview, Performance, and First Results. Publications of the Astronomical Society of the Pacific, 2019, 131, 018002.	1.0	1,020
2	MID-INFRARED SELECTION OF ACTIVE GALACTIC NUCLEI WITH THE (i>WIDE-FIELD INFRARED SURVEY EXPLORER (i>. I. CHARACTERIZING (i>WISE (i>-SELECTED ACTIVE GALACTIC NUCLEI IN COSMOS. Astrophysical Journal, 2012, 753, 30.	1.6	637
3	Obscured and Unobscured Active Galactic Nuclei in the Spitzer Space Telescope First Look Survey. Astrophysical Journal, Supplement Series, 2004, 154, 166-169.	3.0	589
4	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. Science, 2017, 358, 1559-1565.	6.0	559
5	The Zwicky Transient Facility: Science Objectives. Publications of the Astronomical Society of the Pacific, 2019, 131, 078001.	1.0	453
6	INITIAL PERFORMANCE OF THE <i>NEOWISE</i> REACTIVATION MISSION. Astrophysical Journal, 2014, 792, 30.	1.6	426
7	Galaxies at redshifts 5 to 6 with systematically low dust content and high [C ii] emission. Nature, 2015, 522, 455-458.	13.7	369
8	A CONTINUUM OF H- TO He-RICH TIDAL DISRUPTION CANDIDATES WITH A PREFERENCE FOR E+A GALAXIES. Astrophysical Journal, 2014, 793, 38.	1.6	332
9	Star Formation and Extinction in Redshiftzâ^1/42 Galaxies: Inferences fromSpitzerMIPS Observations. Astrophysical Journal, 2006, 644, 792-812.	1.6	287
10	A massive protocluster of galaxies at a redshift of z â‰^ 5.3. Nature, 2011, 470, 233-235.	13.7	234
11	HOST-GALAXY PROPERTIES OF 32 LOW-REDSHIFT SUPERLUMINOUS SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY. Astrophysical Journal, 2016, 830, 13.	1.6	170
12	iPTF16geu: A multiply imaged, gravitationally lensed type la supernova. Science, 2017, 356, 291-295.	6.0	168
13	SpitzerMidâ€Infrared Spectroscopy of Infrared Luminous Galaxies atzâ^1/4 2. I. The Spectra. Astrophysical Journal, 2007, 658, 778-793.	1.6	158
14	ALMA IMAGING OF GAS AND DUST IN A GALAXY PROTOCLUSTER AT REDSHIFT 5.3: [C II] EMISSION IN "TYPICAL―GALAXIES AND DUSTY STARBURSTS â‰^1 BILLION YEARS AFTER THE BIG BANG. Astrophysical Journal, 2014, 796, 84.	1.6	151
15	A MASSIVE MOLECULAR GAS RESERVOIR IN THE $\langle i \rangle z \langle i \rangle = 5.3$ SUBMILLIMETER GALAXY AzTEC-3. Astrophysical Journal Letters, 2010, 720, L131-L136.	3.0	148
16	CHARACTERIZING THE MID-INFRARED EXTRAGALACTIC SKY WITH < i>WISE < /i>AND SDSS. Astronomical Journal, 2013, 145, 55.	1.9	146
17	The fast, luminous ultraviolet transient AT2018cow: extreme supernova, or disruption of a star by an intermediate-mass black hole?. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1031-1049.	1.6	136
18	The ALPINE-ALMA [CII] survey: Data processing, catalogs, and statistical source properties. Astronomy and Astrophysics, 2020, 643, A2.	2.1	136

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19	<i>>Spitzer</i> >Midâ€Infrared Spectroscopy of Infrared Luminous Galaxies at <i>2</i> â¹¼2. II. Diagnostics. Astrophysical Journal, 2007, 664, 713-737.	1.6	134
20	THE ROLE OF STAR FORMATION AND AN AGN IN DUST HEATING OF <i>>z < i>= 0.3â€"2.8 GALAXIES. I. EVOLUTION WITH REDSHIFT AND LUMINOSITY. Astrophysical Journal, 2015, 814, 9.</i>	1.6	128
21	The ALPINE-ALMA [CII] survey. Astronomy and Astrophysics, 2020, 643, A1.	2.1	125
22	Revisiting Optical Tidal Disruption Events with iPTF16axa. Astrophysical Journal, 2017, 842, 29.	1.6	124
23	THE NATURE OF DOUBLE-PEAKED [O III] ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2012, 745, 67.	1.6	122
24	EXTENDED SCHMIDT LAW: ROLE OF EXISTING STARS IN CURRENT STAR FORMATION. Astrophysical Journal, 2011, 733, 87.	1.6	118
25	The ALPINE-ALMA [CII] survey. Astronomy and Astrophysics, 2020, 643, A8.	2.1	113
26	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. Astrophysical Journal, 2017, 844, 46.	1.6	111
27	DETECTION OF BROAD Hα EMISSION LINES IN THE LATE-TIME SPECTRA OF A HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA. Astrophysical Journal, 2015, 814, 108.	1.6	107
28	The Zwicky Transient Facility Bright Transient Survey. II. A Public Statistical Sample for Exploring Supernova Demographics*. Astrophysical Journal, 2020, 904, 35.	1.6	107
29	Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. Astrophysical Journal, 2018, 860, 100.	1.6	105
30	The ALPINE–ALMA [C ii]ÂSurvey: Multiwavelength Ancillary Data and Basic Physical Measurements. Astrophysical Journal, Supplement Series, 2020, 247, 61.	3.0	99
31	Spectra of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. Astrophysical Journal, 2018, 855, 2.	1.6	98
32	iPTF Discovery of the Rapid "Turn-on―of a Luminous Quasar. Astrophysical Journal, 2017, 835, 144.	1.6	97
33	Mid-infrared Variability of Changing-look AGNs. Astrophysical Journal Letters, 2017, 846, L7.	3.0	95
34	Hydrogen-poor Superluminous Supernovae with Late-time $H\hat{l}\pm$ Emission: Three Events From the Intermediate Palomar Transient Factory. Astrophysical Journal, 2017, 848, 6.	1.6	91
35	The Zwicky Transient Facility Bright Transient Survey. I. Spectroscopic Classification and the Redshift Completeness of Local Galaxy Catalogs. Astrophysical Journal, 2020, 895, 32.	1.6	91
36	Are High-redshift Galaxies Hot? Temperature of zÂ>Â5 Galaxies and Implications for Their Dust Properties. Astrophysical Journal, 2017, 847, 21.	1.6	88

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37	<i>Spitzer</i> Midâ€Infrared Spectroscopy of Infrared Luminous Galaxies at <i>z</i> â¹¼ 2. III. Farâ€IR to Radio Properties and Optical Spectral Diagnostics. Astrophysical Journal, 2008, 683, 659-682.	1.6	87
38	The ALPINE-ALMA [Câ€TI] survey. Astronomy and Astrophysics, 2020, 643, A3.	2.1	86
39	The ALPINE–ALMA [C ii] Survey: Size of Individual Star-forming Galaxies at zÂ=Â4–6 and Their Extended Halo Structure. Astrophysical Journal, 2020, 900, 1.	1.6	86
40	A KILOPARSEC-SCALE BINARY ACTIVE GALACTIC NUCLEUS CONFIRMED BY THE EXPANDED VERY LARGE ARRAY. Astrophysical Journal Letters, 2011, 740, L44.	3.0	84
41	The IPAC Image Subtraction and Discovery Pipeline for the Intermediate Palomar Transient Factory. Publications of the Astronomical Society of the Pacific, 2017, 129, 014002.	1.0	80
42	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. Astrophysical Journal, 2019, 886, 152.	1.6	77
43	ORIGIN OF 12 νm EMISSION ACROSS GALAXY POPULATIONS FROM <i>WISE</i> AND SDSS SURVEYS. Astrophysical Journal, 2012, 748, 80.	1.6	76
44	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. Astrophysical Journal, 2019, 872, 198.	1.6	74
45	The Broad Absorption Line Tidal Disruption Event iPTF15af: Optical and Ultraviolet Evolution. Astrophysical Journal, 2019, 873, 92.	1.6	69
46	The ALPINE-ALMA [CII] survey. Astronomy and Astrophysics, 2020, 643, A4.	2.1	69
47	A New Class of Changing-look LINERs. Astrophysical Journal, 2019, 883, 31.	1.6	66
48	A Large Fraction of Hydrogen-rich Supernova Progenitors Experience Elevated Mass Loss Shortly Prior to Explosion. Astrophysical Journal, 2021, 912, 46.	1.6	66
49	ON THE EARLY-TIME EXCESS EMISSION IN HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE. Astrophysical Journal, 2017, 835, 58.	1.6	61
50	<i>SPITZER</i> - AND <i>HERSCHEL</i> -BASED SPECTRAL ENERGY DISTRIBUTIONS OF 24 μm BRIGHT <i>z</i> 6.3-3.0 STARBURSTS AND OBSCURED QUASARS. Astrophysical Journal, 2012, 757, 13.	1.6	60
51	Two New Calcium-rich Gap Transients in Group and Cluster Environments. Astrophysical Journal, 2017, 836, 60.	1.6	60
52	Bright, Months-long Stellar Outbursts Announce the Explosion of Interaction-powered Supernovae. Astrophysical Journal, 2021, 907, 99.	1.6	59
53	Far-ultraviolet to Near-infrared Spectroscopy of a Nearby Hydrogen-poor Superluminous Supernova Gaia16apd. Astrophysical Journal, 2017, 840, 57.	1.6	57
54	The BUFFALO HST Survey. Astrophysical Journal, Supplement Series, 2020, 247, 64.	3.0	57

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55	The Zwicky Transient Facility Census of the Local Universe. I. Systematic Search for Calcium-rich Gap Transients Reveals Three Related Spectroscopic Subclasses. Astrophysical Journal, 2020, 905, 58.	1.6	57
56	The ALPINE-ALMA [CII] survey. Astronomy and Astrophysics, 2021, 649, A152.	2.1	56
57	The Palomar Transient Factory Core-collapse Supernova Host-galaxy Sample. I. Host-galaxy Distribution Functions and Environment Dependence of Core-collapse Supernovae. Astrophysical Journal, Supplement Series, 2021, 255, 29.	3.0	56
58	AN ULTRAVIOLET SPECTRUM OF THE TIDAL DISRUPTION FLARE ASASSN-14li. Astrophysical Journal Letters, 2016, 818, L32.	3.0	55
59	The ALPINE-ALMA [Câ€TI] survey. Astronomy and Astrophysics, 2020, 643, A5.	2.1	55
60	Revisiting the Extended Schmidt Law: The Important Role of Existing Stars in Regulating Star Formation. Astrophysical Journal, 2018, 853, 149.	1.6	54
61	ULTRA-DEEP MID-INFRARED SPECTROSCOPY OF LUMINOUS INFRARED GALAXIES AT <i>z</i> â^1/4 1 AND <i>z</i> â Astrophysical Journal, 2010, 719, 425-450.	1,4 2. 1.6	53
62	REST-UV ABSORPTION LINES AS METALLICITY ESTIMATOR: THE METAL CONTENT OF STAR-FORMING GALAXIES AT z $\hat{a}^1/4$ 5. Astrophysical Journal, 2016, 822, 29.	1.6	53
63	RADIO-SELECTED BINARY ACTIVE GALACTIC NUCLEI FROM THE VERY LARGE ARRAY STRIPE 82 SURVEY. Astrophysical Journal, 2015, 799, 72.	1.6	49
64	A WC/WO star exploding within an expanding carbon–oxygen–neon nebula. Nature, 2022, 601, 201-204.	13.7	48
65	Star Formation Rates and Extinction Properties of IRâ€luminous Galaxies in theSpitzerFirst Look Survey. Astrophysical Journal, 2006, 637, 227-241.	1.6	47
66	Census of the Local Universe (CLU) Narrowband Survey. I. Galaxy Catalogs from Preliminary Fields. Astrophysical Journal, 2019, 880, 7.	1.6	43
67	MODELING MID-INFRARED DIAGNOSTICS OF OBSCURED QUASARS AND STARBURSTS. Astrophysical Journal, 2013, 768, 168.	1.6	41
68	A UV resonance line echo from a shell around a hydrogen-poor superluminous supernova. Nature Astronomy, 2018, 2, 887-895.	4.2	39
69	GROWTH on S190426c: Real-time Search for a Counterpart to the Probable Neutron Star–Black Hole Merger using an Automated Difference Imaging Pipeline for DECam. Astrophysical Journal Letters, 2019, 881, L7.	3.0	39
70	The ALPINE–ALMA [C II] survey. Astronomy and Astrophysics, 2021, 646, A76.	2.1	39
71	Discovery of Highly Blueshifted Broad Balmer and Metastable Helium Absorption Lines in a Tidal Disruption Event. Astrophysical Journal, 2019, 879, 119.	1.6	38
72	THE â^¼0.9 mJy SAMPLE: A MID-INFRARED SPECTROSCOPIC CATALOG OF 150 INFRARED-LUMINOUS, 24 μm SELECTED GALAXIES AT 0.3 â@½ <i>>z</i> >â@½ 3.5. Astrophysical Journal, 2009, 701, 1123-1146.	1.6	37

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73	Millimeter Observations of Obscured Spitzer 24 μm Sources. Astrophysical Journal, 2005, 632, L13-L16.	1.6	36
74	X-RAY CONSTRAINTS ON THE ACTIVE GALACTIC NUCLEI PROPERTIES IN <i>SPITZER</i> -INFRARED SPECTROGRAPH IDENTIFIED <i>z</i> a^1/4 2 ULTRALUMINOUS INFRARED GALAXIES. Astrophysical Journal, 2010, 710, 212-226.	1.6	36
75	Mid-infrared Flare of TDE Candidate PS16dtm: Dust Echo and Implications for the Spectral Evolution. Astrophysical Journal, 2017, 850, 63.	1.6	36
76	The Type Icn SN 2021csp: Implications for the Origins of the Fastest Supernovae and the Fates of WolfဓRayet Stars. Astrophysical Journal, 2022, 927, 180.	1.6	35
77	BINARY ACTIVE GALACTIC NUCLEI IN STRIPE 82: CONSTRAINTS ON SYNCHRONIZED BLACK HOLE ACCRETION IN MAJOR MERGERS. Astrophysical Journal Letters, 2015, 815, L6.	3.0	34
78	Discovery of a Mid-infrared Echo from the TDE Candidate in the Nucleus of ULIRG F01004â^22237. Astrophysical Journal Letters, 2017, 841, L8.	3.0	33
79	Rapid "Turn-on―of Type-1 AGN in a Quiescent Early-type Galaxy SDSS1115+0544. Astrophysical Journal, 2019, 874, 44.	1.6	33
80	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yvq. Astrophysical Journal, 2020, 898, 56.	1.6	32
81	Sifting for Sapphires: Systematic Selection of Tidal Disruption Events in iPTF. Astrophysical Journal, Supplement Series, 2018, 238, 15.	3.0	30
82	Long-term decline of the mid-infrared emission of normal galaxies: dust echo of tidal disruption flare?. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2943-2965.	1.6	29
83	THE LOCAL [C ii] 158 μm EMISSION LINE LUMINOSITY FUNCTION. Astrophysical Journal, 2017, 834, 36.	1.6	28
84	Characterization of the Nucleus, Morphology, and Activity of Interstellar Comet 2I/Borisov by Optical and Near-infrared GROWTH, Apache Point, IRTF, ZTF, and Keck Observations. Astronomical Journal, 2020, 160, 26.	1.9	28
85	A Family Tree of Optical Transients from Narrow-line Seyfert 1 Galaxies. Astrophysical Journal, 2021, 920, 56.	1.6	28
86	Far-UV HSTÂ Spectroscopy of an Unusual Hydrogen-poor Superluminous Supernova: SN2017egm. Astrophysical Journal, 2018, 858, 91.	1.6	26
87	Mid-infrared Outbursts in Nearby Galaxies (MIRONG). I. Sample Selection and Characterization. Astrophysical Journal, Supplement Series, 2021, 252, 32.	3.0	26
88	The ALPINE-ALMA [CII] survey. Astronomy and Astrophysics, 2021, 653, A111.	2.1	26
89	SN 2020bvc: A Broad-line Type Ic Supernova with a Double-peaked Optical Light Curve and a Luminous X-Ray and Radio Counterpart. Astrophysical Journal, 2020, 902, 86.	1.6	25
90	Four (Super)luminous Supernovae from the First Months of the ZTF Survey. Astrophysical Journal, 2020, 901, 61.	1.6	25

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91	ZTF18aalrxas: A Type IIb Supernova from a Very Extended Low-mass Progenitor. Astrophysical Journal Letters, 2019, 878, L5.	3.0	24
92	Near-infrared Supernova la Distances: Host Galaxy Extinction and Mass-step Corrections Revisited. Astrophysical Journal, 2021, 923, 237.	1.6	24
93	<i>HST</i> /NICMOS IMAGING OF BRIGHT HIGH-REDSHIFT 24 νm SELECTED GALAXIES: MERGING PROPERTIES. Astrophysical Journal, 2011, 730, 125.	1.6	23
94	The ALPINE-ALMA [CII] survey. Astronomy and Astrophysics, 2020, 643, A7.	2.1	23
95	The ALPINE-ALMA [C II] Survey: [C II] 158 μm Emission Line Luminosity Functions at zÂâ^¼Â4–6. Astrophysica Journal, 2020, 905, 147.	1.6	23
96	THE ROLE OF STAR FORMATION AND AGN IN DUST HEATING OF Z = 0.3–2.8 Galaxies. II. INFORMING IR AGN FRACTION ESTIMATES THROUGH SIMULATIONS. Astrophysical Journal, 2016, 833, 60.	1.6	22
97	The ALPINE-ALMA [C <scp>ii</scp>] survey: a triple merger at <i>z</i> â^¼ 4.56. Monthly Notices of the Roya Astronomical Society: Letters, 2020, 491, L18-L23.	al 1.2	21
98	AGNs on the Move: A Search for Off-nuclear AGNs from Recoiling Supermassive Black Holes and Ongoing Galaxy Mergers with the Zwicky Transient Facility. Astrophysical Journal, 2021, 913, 102.	1.6	19
99	Type Ic supernovae from the (intermediate) Palomar Transient Factory. Astronomy and Astrophysics, 2021, 651, A81.	2.1	19
100	A Controlled Study of Cold Dust Content in Galaxies from zÂ=Â0–2. Astrophysical Journal, 2017, 843, 71.	1.6	18
101	Two stripped envelope supernovae with circumstellar interaction. Astronomy and Astrophysics, 2020, 643, A79.	2.1	18
102	Helium-rich Superluminous Supernovae from the Zwicky Transient Facility. Astrophysical Journal Letters, 2020, 902, L8.	3.0	18
103	The ALPINEâ^'ALMA [C <scp>ii</scp>] Survey: on the nature of an extremely obscured serendipitous galaxy. Monthly Notices of the Royal Astronomical Society, 2020, 496, 875-887.	1.6	17
104	Reverberation in Tidal Disruption Events: Dust Echoes, Coronal Emission Lines, Multi-wavelength Cross-correlations, and QPOs. Space Science Reviews, 2021, 217, 1.	3.7	17
105	The ALPINE-ALMA [CII] survey. Astronomy and Astrophysics, 2021, 653, A84.	2.1	17
106	Characterization of Temporarily Captured Minimoon 2020 CD ₃ by Keck Time-resolved Spectrophotometry. Astrophysical Journal Letters, 2020, 900, L45.	3.0	15
107	Initial Characterization of Active Transitioning Centaur, P/2019 LD ₂ (ATLAS), Using Hubble, Spitzer, ZTF, Keck, Apache Point Observatory, and GROWTH Visible and Infrared Imaging and Spectroscopy. Astronomical Journal, 2021, 161, 116.	1.9	13
108	Simultaneous Observations of the Northern TESS Sectors by the Zwicky Transient Facility. Research Notes of the AAS, 2019, 3, 136.	0.3	11

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109	Spatially resolved analysis of superluminous supernovae PTF 11hrq and PTF 12dam host galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4705-4717.	1.6	10
110	Time-series and Phase-curve Photometry of the Episodically Active Asteroid (6478) Gault in a Quiescent State Using APO, GROWTH, P200, and ZTF. Astrophysical Journal Letters, 2021, 911, L35.	3.0	10
111	The Type II supernova SN 2020jfo in M 61, implications for progenitor system, and explosion dynamics. Astronomy and Astrophysics, 2021, 655, A105.	2.1	10
112	PROPERTIES OF INTERSTELLAR MEDIUM IN INFRARED-BRIGHT QSOs PROBED BY [O i] 63 νm AND [C ii] 158 νr EMISSION LINES*. Astrophysical Journal, 2016, 824, 146.	ⁿ 1.6	9
113	Early Ultraviolet Observations of Type Iln Supernovae Constrain the Asphericity of Their Circumstellar Material. Astrophysical Journal, 2020, 899, 51.	1.6	9
114	A Mid-infrared Flare in the Active Galaxy MCG-02-04-026: Dust Echo of a Nuclear Transient Event. Astrophysical Journal, 2020, 898, 129.	1.6	8
115	Unveiling the dynamic infrared sky with Gattini-IR. Proceedings of SPIE, 2016, , .	0.8	7
116	The ALPINE-ALMA [C <scp>ii</scp>]Âsurvey: Investigation of 10 galaxies at <i>z</i> â^¼ 4.5 with [O <scp>ii</scp>]Âand [C <scp>ii</scp>]Âline emission â^' ISM properties and [O <scp>ii</scp>]â^' Monthly Notices of the Royal Astronomical Society, 2022, 511, 1303-1316.	S ER relatio	or 7 .
117	Mid-infrared Outbursts in Nearby Galaxies (MIRONG). II. Optical Spectroscopic Follow-up. Astrophysical Journal, Supplement Series, 2022, 258, 21.	3.0	6
118	The ALPINE-ALMA [CII] survey: The population of [CII]-undetected galaxies and their role in the <i>L</i> _[CII] -SFR relation. Astronomy and Astrophysics, 2022, 660, A14.	2.1	6
119	Exploring the Evolution of Star Formation and Dwarf Galaxy Properties with JWST/MIRI Serendipitous Spectroscopic Surveys. Astrophysical Journal, 2017, 836, 171.	1.6	4
120	Panchromatic study of the first galaxies with large ALMA programs. Proceedings of the International Astronomical Union, 2019, 15, 12-16.	0.0	2
121	ALPINE: A Large Survey to Understand Teenage Galaxies. Universe, 2022, 8, 314.	0.9	2