

Frank J Masci

List of Publications by Year in descending order

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Version: 2024-02-01

155
papers

8,249
citations

50276

46
h-index

53230

85
g-index

159
all docs

159
docs citations

159
times ranked

6394
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the SpaceX Starlink Satellites on the Zwicky Transient Facility Survey Observations. <i>Astrophysical Journal Letters</i> , 2022, 924, L30.	8.3	22
2	Microlensing Events in the Galactic Plane Using the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2022, 927, 150.	4.5	6
3	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
4	Hubble Space Telescope Imaging of Luminous Extragalactic Infrared Transients and Variables from the Spitzer Infrared Intensive Transients Survey*. <i>Astrophysical Journal</i> , 2022, 928, 158.	4.5	1
5	Characterizing Sparse Asteroid Light Curves with Gaussian Processes. <i>Astronomical Journal</i> , 2022, 163, 29.	4.7	2
6	Zwicky Transient Facility and Globular Clusters: The RR Lyrae gri-band Period-Luminosity-Metallicity and Period-Wesenheit-Metallicity Relations. <i>Astronomical Journal</i> , 2022, 163, 239.	4.7	7
7	Optical follow-up of the neutron star-black hole mergers S200105ae and S200115j. <i>Nature Astronomy</i> , 2021, 5, 46-53.	10.1	71
8	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. <i>Astronomical Journal</i> , 2021, 161, 116.	4.7	13
9	Seventeen Tidal Disruption Events from the First Half of ZTF Survey Observations: Entering a New Era of Population Studies. <i>Astrophysical Journal</i> , 2021, 908, 4.	4.5	174
10	RINGO3 polarimetry of very young ZTF supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 312-323.	4.4	12
11	Tidal Disruption Event Hosts Are Green and Centrally Concentrated: Signatures of a Post-merger System. <i>Astrophysical Journal Letters</i> , 2021, 908, L20.	8.3	30
12	Bright, Months-long Stellar Outbursts Announce the Explosion of Interaction-powered Supernovae. <i>Astrophysical Journal</i> , 2021, 907, 99.	4.5	59
13	Is supernova SN 2020faa an iPTF14hls look-alike?. <i>Astronomy and Astrophysics</i> , 2021, 646, A22.	5.1	15
14	A tidal disruption event coincident with a high-energy neutrino. <i>Nature Astronomy</i> , 2021, 5, 510-518.	10.1	136
15	A Luminous X-Ray Transient in SDSS J143359.16+400636.0: A Likely Tidal Disruption Event. <i>Astrophysical Journal</i> , 2021, 909, 102.	4.5	7
16	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
17	Tails: Chasing Comets with the Zwicky Transient Facility and Deep Learning. <i>Astronomical Journal</i> , 2021, 161, 218.	4.7	6
18	HO Puppis: Not a Be Star, but a Newly Confirmed IW And-type Star. <i>Astrophysical Journal</i> , 2021, 911, 51.	4.5	3

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19	The luminous and rapidly evolving SN 2018bcc. <i>Astronomy and Astrophysics</i> , 2021, 649, A163.	5.1	14
20	A Large Fraction of Hydrogen-rich Supernova Progenitors Experience Elevated Mass Loss Shortly Prior to Explosion. <i>Astrophysical Journal</i> , 2021, 912, 46.	4.5	66
21	Year 1 of the ZTF high-cadence Galactic plane survey: strategy, goals, and early results on new single-mode hot subdwarf B-star pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1254-1267.	4.4	27
22	AGNs on the Move: A Search for Off-nuclear AGNs from Recoiling Supermassive Black Holes and Ongoing Galaxy Mergers with the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2021, 913, 102.	4.5	19
23	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
24	The ZTF Source Classification Project. I. Methods and Infrastructure. <i>Astronomical Journal</i> , 2021, 161, 267.	4.7	16
25	Removing Atmospheric Fringes from Zwicky Transient Facility i-band Images using Principal Component Analysis. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 064503.	3.1	2
26	SN 2018ijp: the explosion of a stripped-envelope star within a dense H-rich shell?. <i>Astronomy and Astrophysics</i> , 2021, 650, A174.	5.1	10
27	A highly magnetized and rapidly rotating white dwarf as small as the Moon. <i>Nature</i> , 2021, 595, 39-42.	27.8	56
28	Six Outbursts of Comet 46P/Wirtanen. <i>Planetary Science Journal</i> , 2021, 2, 131.	3.6	7
29	Discovery and confirmation of the shortest gamma-ray burst from a collapsar. <i>Nature Astronomy</i> , 2021, 5, 917-927.	10.1	69
30	Zwicky Transient Facility and Globular Clusters: the Period–Luminosity and Period–Luminosity–Color Relations for Late-type Contact Binaries. <i>Astronomical Journal</i> , 2021, 162, 63.	4.7	8
31	Cataclysmic Variables in the Second Year of the Zwicky Transient Facility. <i>Astronomical Journal</i> , 2021, 162, 94.	4.7	8
32	A Systematic Search for Outbursting AM CVn Systems with the Zwicky Transient Facility. <i>Astronomical Journal</i> , 2021, 162, 113.	4.7	15
33	SN 2020bjj: A Type Ibn supernova with a long-lasting peak plateau. <i>Astronomy and Astrophysics</i> , 2021, 652, A136.	5.1	7
34	The Blue Supergiant Progenitor of the Supernova Imposter AT 2019krl. <i>Astrophysical Journal</i> , 2021, 917, 63.	4.5	7
35	The luminous red nova AT 2018bwo in NGC 45 and its binary yellow supergiant progenitor. <i>Astronomy and Astrophysics</i> , 2021, 653, A134.	5.1	28
36	A low-energy explosion yields the underluminous Type IIP SN 2020cxd. <i>Astronomy and Astrophysics</i> , 2021, 655, A90.	5.1	10

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37	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
38	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
39	A Family Tree of Optical Transients from Narrow-line Seyfert 1 Galaxies. <i>Astrophysical Journal</i> , 2021, 920, 56.	4.5	28
40	AT 2019qyl in NGC 300: Internal Collisions in the Early Outflow from a Very Fast Nova in a Symbiotic Binary* â€“. <i>Astrophysical Journal</i> , 2021, 920, 127.	4.5	4
41	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
42	The Koala: A Fast Blue Optical Transient with Luminous Radio Emission from a Starburst Dwarf Galaxy at $z=0.27$. <i>Astrophysical Journal</i> , 2020, 895, 49.	4.5	72
43	ZTF J1901+5309: a 40.6-min orbital period eclipsing double white dwarf system. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 494, L91-L96.	3.3	19
44	A Search for Extra-tidal RR Lyrae in Globular Clusters NGC 5024 and NGC 5053. <i>Astronomical Journal</i> , 2020, 160, 31.	4.7	1
45	Cataclysmic Variables in the First Year of the Zwicky Transient Facility. <i>Astronomical Journal</i> , 2020, 159, 198.	4.7	22
46	The First Ultracompact Roche Lobeâ€“Filling Hot Subdwarf Binary. <i>Astrophysical Journal</i> , 2020, 891, 45.	4.5	47
47	Zwicky Transient Facility Constraints on the Optical Emission from the Nearby Repeating FRB 180916.J0158+65. <i>Astrophysical Journal Letters</i> , 2020, 896, L2.	8.3	20
48	Candidate Electromagnetic Counterpart to the Binary Black Hole Merger Gravitational-Wave Event S190521g. <i>Physical Review Letters</i> , 2020, 124, 251102.	7.8	226
49	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. <i>Astronomical Journal</i> , 2020, 160, 26.	4.7	28
50	A Twilight Search for Atiras, Vatiras, and Co-orbital Asteroids: Preliminary Results. <i>Astronomical Journal</i> , 2020, 159, 70.	4.7	25
51	An extremely energetic supernova from a very massive star in a dense medium. <i>Nature Astronomy</i> , 2020, 4, 893-899.	10.1	31
52	Pre-discovery Activity of New Interstellar Comet 2I/Borisov beyond 5 au. <i>Astronomical Journal</i> , 2020, 159, 77.	4.7	27
53	Two stripped envelope supernovae with circumstellar interaction. <i>Astronomy and Astrophysics</i> , 2020, 643, A79.	5.1	18
54	Synthetic Tracking Using ZTF Deep Drilling Data Sets. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 064502.	3.1	4

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55	A catalogue of over 10 million variable source candidates in ZTF Data Release 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5782-5790.	4.4	11
56	Variability of Massive Stars in M31 from the Palomar Transient Factory. <i>Astrophysical Journal</i> , 2020, 893, 11.	4.5	8
57	The Broad-lined Ic Supernova ZTF18aaqjovh (SN 2018bvw): An Optically Discovered Engine-driven Supernova Candidate with Luminous Radio Emission. <i>Astrophysical Journal</i> , 2020, 893, 132.	4.5	11
58	Early Ultraviolet Observations of Type IIn Supernovae Constrain the Asphericity of Their Circumstellar Material. <i>Astrophysical Journal</i> , 2020, 899, 51.	4.5	9
59	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yvq. <i>Astrophysical Journal</i> , 2020, 898, 56.	4.5	32
60	SN 2020bvc: A Broad-line Type Ic Supernova with a Double-peaked Optical Light Curve and a Luminous X-Ray and Radio Counterpart. <i>Astrophysical Journal</i> , 2020, 902, 86.	4.5	25
61	SN2019dge: A Helium-rich Ultra-stripped Envelope Supernova. <i>Astrophysical Journal</i> , 2020, 900, 46.	4.5	38
62	Four (Super)luminous Supernovae from the First Months of the ZTF Survey. <i>Astrophysical Journal</i> , 2020, 901, 61.	4.5	25
63	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
64	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
65	SN 2018fif: The Explosion of a Large Red Supergiant Discovered in Its Infancy by the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2020, 902, 6.	4.5	18
66	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
67	A Non-equipartition Shock Wave Traveling in a Dense Circumstellar Environment around SN 2020oi. <i>Astrophysical Journal</i> , 2020, 903, 132.	4.5	19
68	The Zwicky Transient Facility Bright Transient Survey. II. A Public Statistical Sample for Exploring Supernova Demographics*. <i>Astrophysical Journal</i> , 2020, 904, 35.	4.5	107
69	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
70	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
71	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
72	ZTF20aajnksq (AT 2020blt): A Fast Optical Transient at $z \approx 2.9$ with No Detected Gamma-Ray Burst Counterpart. <i>Astrophysical Journal</i> , 2020, 905, 98.	4.5	24

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73	A New Class of Roche Lobeâ€‘filling Hot Subdwarf Binaries. <i>Astrophysical Journal Letters</i> , 2020, 898, L25.	8.3	33
74	Characterization of Temporarily Captured Minimoons 2020 CD ₃ by Keck Time-resolved Spectrophotometry. <i>Astrophysical Journal Letters</i> , 2020, 900, L45.	8.3	15
75	Helium-rich Superluminous Supernovae from the Zwicky Transient Facility. <i>Astrophysical Journal Letters</i> , 2020, 902, L8.	8.3	18
76	An 8.8 Minute Orbital Period Eclipsing Detached Double White Dwarf Binary. <i>Astrophysical Journal Letters</i> , 2020, 905, L7.	8.3	34
77	Gravitational Microlensing Events from the First Year of the Northern Galactic Plane Survey by the Zwicky Transient Facility. <i>Research Notes of the AAS</i> , 2020, 4, 13.	0.7	8
78	Recurring Outbursts of P/2019 LM ₄ (Palomar). <i>Research Notes of the AAS</i> , 2020, 4, 76.	0.7	0
79	The Zwicky Transient Facility: Science Objectives. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 078001.	3.1	453
80	ZTF18aalrxas: A Type IIb Supernova from a Very Extended Low-mass Progenitor. <i>Astrophysical Journal Letters</i> , 2019, 878, L5.	8.3	24
81	Census of the Local Universe (CLU) Narrowband Survey. I. Galaxy Catalogs from Preliminary Fields. <i>Astrophysical Journal</i> , 2019, 880, 7.	4.5	43
82	General relativistic orbital decay in a seven-minute-orbital-period eclipsing binary system. <i>Nature</i> , 2019, 571, 528-531.	27.8	96
83	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
84	Discovery of Highly Blueshifted Broad Balmer and Metastable Helium Absorption Lines in a Tidal Disruption Event. <i>Astrophysical Journal</i> , 2019, 879, 119.	4.5	38
85	Real-bogus classification for the Zwicky Transient Facility using deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3582-3590.	4.4	94
86	A New Class of Changing-look LINERs. <i>Astrophysical Journal</i> , 2019, 883, 31.	4.5	66
87	Toward Efficient Detection of Small Near-Earth Asteroids Using the Zwicky Transient Facility (ZTF). <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 078002.	3.1	14
88	Uncovering Red and Dusty Ultraluminous X-Ray Sources with Spitzer. <i>Astrophysical Journal</i> , 2019, 878, 71.	4.5	23
89	A New Class of Large-amplitude Radial-mode Hot Subdwarf Pulsators. <i>Astrophysical Journal Letters</i> , 2019, 878, L35.	8.3	32
90	DeepStreaks: identifying fast-moving objects in the Zwicky Transient Facility data with deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4158-4165.	4.4	24

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91	The Massive and Distant Clusters of <i>WISE</i> Survey. I. Survey Overview and a Catalog of >2000 Galaxy Clusters at <i>z</i> < 1. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 33.	7.7	50
92	Machine Learning for the Zwicky Transient Facility. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 038002.	3.1	83
93	The Broad Absorption Line Tidal Disruption Event IPTF15af: Optical and Ultraviolet Evolution. <i>Astrophysical Journal</i> , 2019, 873, 92.	4.5	69
94	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. <i>Astrophysical Journal</i> , 2019, 872, 198.	4.5	74
95	ZTF 18aaqasu (SN2018byg): A Massive Helium-shell Double Detonation on a Sub-Chandrasekhar-mass White Dwarf. <i>Astrophysical Journal Letters</i> , 2019, 873, L18.	8.3	56
96	Multiple Outbursts of Asteroid (6478) Gault*. <i>Astrophysical Journal Letters</i> , 2019, 874, L16.	8.3	26
97	2900 Square Degree Search for the Optical Counterpart of Short Gamma-Ray Burst GRB 180523B with the Zwicky Transient Facility. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 048001.	3.1	27
98	The SPIRITS Sample of Luminous Infrared Transients: Uncovering Hidden Supernovae and Dusty Stellar Outbursts in Nearby Galaxies*. <i>Astrophysical Journal</i> , 2019, 886, 40.	4.5	38
99	On the Origin of SN 2016hilâ€”A Type II Supernova in the Remote Outskirts of an Elliptical Host. <i>Astrophysical Journal</i> , 2019, 887, 127.	4.5	8
100	Evidence for Late-stage Eruptive Mass Loss in the Progenitor to SN2018gep, a Broad-lined Ic Supernova: Pre-explosion Emission and a Rapidly Rising Luminous Transient. <i>Astrophysical Journal</i> , 2019, 887, 169.	4.5	55
101	Supernova 2014C: Ongoing Interaction with Extended Circumstellar Material with Silicate Dust. <i>Astrophysical Journal</i> , 2019, 887, 75.	4.5	18
102	GROWTH on S190425z: Searching Thousands of Square Degrees to Identify an Optical or Infrared Counterpart to a Binary Neutron Star Merger with the Zwicky Transient Facility and Palomar Gattini-IR. <i>Astrophysical Journal Letters</i> , 2019, 885, L19.	8.3	86
103	Comet 240P/NEAT Is Stirring. <i>Astrophysical Journal Letters</i> , 2019, 886, L16.	8.3	2
104	The Zwicky Transient Facility: Data Processing, Products, and Archive. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 018003.	3.1	610
105	The Zwicky Transient Facility Alert Distribution System. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 018001.	3.1	106
106	The Zwicky Transient Facility: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 018002.	3.1	1,020
107	A Flaring AGN in a ULIRG Candidate in Stripe 82. <i>Astrophysical Journal</i> , 2019, 883, 154.	4.5	2
108	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. <i>Astrophysical Journal</i> , 2019, 886, 152.	4.5	77

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109	Outbursts at Comets 46P/Wirtanen, 64P/Swift-Gehrels, and 78P/Gehrels 2 in 2018. <i>Research Notes of the AAS</i> , 2019, 3, 126.	0.7	7
110	Simultaneous Observations of the Northern TESS Sectors by the Zwicky Transient Facility. <i>Research Notes of the AAS</i> , 2019, 3, 136.	0.7	11
111	iPTF Survey for Cool Transients. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 034202.	3.1	12
112	Breaking the Habit: The Peculiar 2016 Eruption of the Unique Recurrent Nova M31N 2008-12a. <i>Astrophysical Journal</i> , 2018, 857, 68.	4.5	24
113	iPTF Archival Search for Fast Optical Transients. <i>Astrophysical Journal Letters</i> , 2018, 854, L13.	8.3	23
114	Sifting for Sapphires: Systematic Selection of Tidal Disruption Events in iPTF. <i>Astrophysical Journal, Supplement Series</i> , 2018, 238, 15.	7.7	30
115	iPTF 16hgs: A Double-peaked Ca-rich Gap Transient in a Metal-poor, Star-forming Dwarf Galaxy. <i>Astrophysical Journal</i> , 2018, 866, 72.	4.5	31
116	A UV resonance line echo from a shell around a hydrogen-poor superluminous supernova. <i>Nature Astronomy</i> , 2018, 2, 887-895.	10.1	39
117	Early Observations of the Type Ia Supernova iPTF 16abc: A Case of Interaction with Nearby, Unbound Material and/or Strong Ejecta Mixing. <i>Astrophysical Journal</i> , 2018, 852, 100.	4.5	49
118	An Optical and Infrared Time-domain Study of the Supergiant Fast X-Ray Transient Candidate IC 10 X-2. <i>Astrophysical Journal</i> , 2018, 856, 38.	4.5	1
119	Variability of Red Supergiants in M31 from the Palomar Transient Factory. <i>Astrophysical Journal</i> , 2018, 859, 73.	4.5	28
120	SPIRITS 16tn in NGC 3556: A Heavily Obscured and Low-luminosity Supernova at 8.8 Mpc. <i>Astrophysical Journal</i> , 2018, 863, 20.	4.5	12
121	PREPARING FOR ADVANCED LIGO: A STAR GALAXY SEPARATION CATALOG FOR THE PALOMAR TRANSIENT FACTORY. <i>Astronomical Journal</i> , 2017, 153, 73.	4.7	17
122	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. <i>Astrophysical Journal</i> , 2017, 836, 158.	4.5	79
123	Small Near-Earth Asteroids in the Palomar Transient Factory Survey: A Real-Time Streak-detection System. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 034402.	3.1	24
124	SPIRITS 15c and SPIRITS 14buu: Two Obscured Supernovae in the Nearby Star-forming Galaxy IC 2163. <i>Astrophysical Journal</i> , 2017, 837, 167.	4.5	16
125	Color Me Intrigued: The Discovery of iPTF 16fnn, an SN 2002cx-like Object. <i>Astrophysical Journal</i> , 2017, 848, 59.	4.5	28
126	The bumpy light curve of Type IIn supernova iPTF13z over 3 years. <i>Astronomy and Astrophysics</i> , 2017, 605, A6.	5.1	41

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127	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. <i>Astrophysical Journal</i> , 2017, 844, 46.	4.5	111
128	SPIRITS: Uncovering Unusual Infrared Transients with Spitzer. <i>Astrophysical Journal</i> , 2017, 839, 88.	4.5	75
129	The IPAC Image Subtraction and Discovery Pipeline for the Intermediate Palomar Transient Factory. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 014002.	3.1	80
130	COMMON ENVELOPE EJECTION FOR A LUMINOUS RED NOVA IN M101. <i>Astrophysical Journal</i> , 2017, 834, 107.	4.5	81
131	A novel method for transient detection in high-cadence optical surveys. <i>Astronomy and Astrophysics</i> , 2017, 599, A48.	5.1	6
132	AN EXCESS OF MID-INFRARED EMISSION FROM THE TYPE Iax SN 2014dt. <i>Astrophysical Journal Letters</i> , 2016, 816, L13.	8.3	33
133	ABSENCE OF FAST-MOVING IRON IN AN INTERMEDIATE TYPE Ia SUPERNOVA BETWEEN NORMAL AND SUPER-CHANDRASEKHAR. <i>Astrophysical Journal</i> , 2016, 823, 147.	4.5	18
134	RISING FROM THE ASHES: MID-INFRARED RE-BRIGHTENING OF THE IMPOSTOR SN 2010da IN NGC 300. <i>Astrophysical Journal</i> , 2016, 830, 142.	4.5	22
135	A SYSTEMATIC STUDY OF MID-INFRARED EMISSION FROM CORE-COLLAPSE SUPERNOVAE WITH SPIRITS. <i>Astrophysical Journal</i> , 2016, 833, 231.	4.5	46
136	SN2002es-LIKE SUPERNOVAE FROM DIFFERENT VIEWING ANGLES. <i>Astrophysical Journal</i> , 2016, 832, 86.	4.5	23
137	Small particles dominate Saturn's Phoebe ring to surprisingly large distances. <i>Nature</i> , 2015, 522, 185-187.	27.8	16
138	THE NEOWISE-DISCOVERED COMET POPULATION AND THE CO + CO ₂ PRODUCTION RATES. <i>Astrophysical Journal</i> , 2015, 814, 85.	4.5	51
139	ASTEROID LIGHT CURVES FROM THE PALOMAR TRANSIENT FACTORY SURVEY: ROTATION PERIODS AND PHASE FUNCTIONS FROM SPARSE PHOTOMETRY. <i>Astronomical Journal</i> , 2015, 150, 75.	4.7	66
140	SLOW-SPEED SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: TWO CHANNELS. <i>Astrophysical Journal</i> , 2015, 799, 52.	4.5	68
141	NEOWISE OBSERVATIONS OF COMET C/2013 A1 (SIDING SPRING) AS IT APPROACHES MARS. <i>Astrophysical Journal Letters</i> , 2015, 798, L31.	8.3	15
142	THE NEEDLE IN THE 100 deg ² HAYSTACK: UNCOVERING AFTERGLOWS OF FERMI GRBs WITH THE PALOMAR TRANSIENT FACTORY. <i>Astrophysical Journal</i> , 2015, 806, 52.	4.5	43
143	AUTOMATED CLASSIFICATION OF PERIODIC VARIABLE STARS DETECTED BY THE WIDE-FIELD INFRARED SURVEY EXPLORER. <i>Astronomical Journal</i> , 2014, 148, 21.	4.7	43
144	AN ACCRETING WHITE DWARF NEAR THE CHANDRASEKHAR LIMIT IN THE ANDROMEDA GALAXY. <i>Astrophysical Journal</i> , 2014, 786, 61.	4.5	51

#	ARTICLE	IF	CITATIONS
145	CENTAURS AND SCATTERED DISK OBJECTS IN THE THERMAL INFRARED: ANALYSIS OF <i>WISE</i> / <i>NEOWISE</i> OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 773, 22.	4.5	92
146	DISCOVERY, PROGENITOR AND EARLY EVOLUTION OF A STRIPPED ENVELOPE SUPERNOVA iPTF13bvn. <i>Astrophysical Journal Letters</i> , 2013, 775, L7.	8.3	169
147	DISCOVERY AND REDSHIFT OF AN OPTICAL AFTERGLOW IN 71 deg ² : iPTF13bxl AND GRB 130702A. <i>Astrophysical Journal Letters</i> , 2013, 776, L34.	8.3	52
148	THE MASSIVE DISTANT CLUSTERS OF <i>WISE</i> SURVEY: THE FIRST DISTANT GALAXY CLUSTER DISCOVERED BY <i>WISE</i> . <i>Astrophysical Journal Letters</i> , 2012, 759, L23.	8.3	32
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155	Processing Images from the Zwicky Transient Facility. , 0, , .		6