M M Kasliwal

List of Publications by Year
in descending order

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283 papers	24,858 citations	8159 76 h-index	7931 149 g-index
284 all docs	284 docs citations	284 times ranked	10138 citing authors

#	Article	IF	Citations
1	Progenitor and close-in circumstellar medium of type II supernova 2020fqv from high-cadence photometry and ultra-rapid UV spectroscopy. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2777-2797.	1.6	17
2	Maximum luminosities of normal stripped-envelope supernovae are brighter than explosion models allow. Astronomy and Astrophysics, 2022, 657, A64.	2.1	8
3	The Zwicky Transient Facility Type Ia supernova survey: first data release and results. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2228-2241.	1.6	20
4	A WC/WO star exploding within an expanding carbonâ€“oxygenâ€“neon nebula. Nature, 2022, 601, 201-204.	13.7	48
5	Supernova siblings and their parent galaxies in the Zwicky Transient Facility Bright Transient Survey. Monthly Notices of the Royal Astronomical Society, 2022, 511, 241-254.	1.6	6
6	Inferring Kilonova Population Properties with a Hierarchical Bayesian Framework. I. Nondetection Methodology and Single-event Analyses. Astrophysical Journal, 2022, 925, 58.	1.6	3
7	Carnegie Supernova Project-II: Near-infrared Spectroscopy of Stripped-envelope Core-collapse Supernovae*. Astrophysical Journal, 2022, 925, 175.	1.6	17
8	An Infrared Search for Kilonovae with the WINTER Telescope. I. Binary Neutron Star Mergers. Astrophysical Journal, 2022, 926, 152.	1.6	10
9	DBSP_DRP: A Python package for automated spectroscopic data reduction of DBSP data. Journal of Open Source Software, 2022, 7, 3612.	2.0	8
10	A Massive AGB Donor in Scutum X-1: Identification of the First Mira Variable in an X-Ray Binary. Astrophysical Journal Letters, 2022, 928, L8.	3.0	1
11	Constraining Type Ia supernova explosions and early flux excesses with the Zwicky Transient Factory. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1317-1340.	1.6	18
12	Less Than 1% of Core-collapse Supernovae in the Local Universe Occur in Elliptical Galaxies. Astrophysical Journal, 2022, 927, 10.	1.6	10
13	The Type Icn SN 2021csp: Implications for the Origins of the Fastest Supernovae and the Fates of Wolfâ€“Rayet Stars. Astrophysical Journal, 2022, 927, 180.	1.6	35
14	Hubble Space Telescope Imaging of Luminous Extragalactic Infrared Transients and Variables from the Spitzer Infrared Intensive Transients Survey*. Astrophysical Journal, 2022, 928, 158.	1.6	1
15	SRG/ART-XC discovery of SRGA J204318.2+443815: Towards the complete population of faint X-ray pulsars. Astronomy and Astrophysics, 2022, 661, A28.	2.1	5
16	Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. Astrophysical Journal, Supplement Series, 2022, 260, 18.	3.0	21
17	The GALEX-PTF Experiment. II. Supernova Progenitor Radius and Energetics via Shock-cooling Modeling. Astrophysical Journal, 2022, 931, 71.	1.6	2
18	Candidate Tidal Disruption Event AT2019fdr Coincident with a High-Energy Neutrino. Physical Review Letters, 2022, 128, .	2.9	41

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19	In Search of Short Gamma-Ray Burst Optical Counterparts with the Zwicky Transient Facility. Astrophysical Journal, 2022, 932, 40.	1.6	3
20	Spitzer mid-infrared detections of neutron star merger GW170817 suggests synthesis of the heaviest elements. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 510, L7-L12.	1.2	64
21	Optical follow-up of the neutron starâ€“black hole mergers S200105ae and S200115j. Nature Astronomy, 2021, 5, 46-53.	4.2	71
22	Initial Characterization of Active Transitioning Centaur, P/2019 LD₂ (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
23	Seventeen Tidal Disruption Events from the First Half of ZTF Survey Observations: Entering a New Era of Population Studies. Astrophysical Journal, 2021, 908, 4.	1.6	174
24	Bright, Months-long Stellar Outbursts Announce the Explosion of Interaction-powered Supernovae. Astrophysical Journal, 2021, 907, 99.	1.6	59
25	Is supernova SN 2020faa an iPTF14hls look-alike?. Astronomy and Astrophysics, 2021, 646, A22.	2.1	15
26	A tidal disruption event coincident with a high-energy neutrino. Nature Astronomy, 2021, 5, 510-518.	4.2	136
27	Infrared spectropolarimetric detection of intrinsic polarization from a core-collapse supernova. Nature Astronomy, 2021, 5, 544-551.	4.2	10
28	Revealing Efficient Dust Formation at Low Metallicity in Extragalactic Carbon-rich Wolf-Rayet Binaries. Astrophysical Journal, 2021, 909, 113.	1.6	13
29	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
30	Census of R Coronae Borealis Stars. I. Infrared Light Curves from Palomar Gattini IR. Astrophysical Journal, 2021, 910, 132.	1.6	7
31	Outbursting Young Stellar Object PGIR 20dci in the Perseus Arm. Astronomical Journal, 2021, 161, 220.	1.9	6
32	A Population of Heavily Reddened, Optically Missed Novae from Palomar Gattini-IR: Constraints on the Galactic Nova Rate. Astrophysical Journal, 2021, 912, 19.	1.6	23
33	A Large Fraction of Hydrogen-rich Supernova Progenitors Experience Elevated Mass Loss Shortly Prior to Explosion. Astrophysical Journal, 2021, 912, 46.	1.6	66
34	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
35	Discovery and confirmation of the shortest gamma-ray burst from a collapsar. Nature Astronomy, 2021, 5, 917-927.	4.2	69
36	Cataclysmic Variables in the Second Year of the Zwicky Transient Facility. Astronomical Journal, 2021, 162, 94.	1.9	8

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37	SNIascore: Deep-learning Classification of Low-resolution Supernova Spectra. Astrophysical Journal Letters, 2021, 917, L2.	3.0	11
38	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
39	The Blue Supergiant Progenitor of the Supernova Imposter AT 2019krl. Astrophysical Journal, 2021, 917, 63.	1.6	7
40	A transient radio source consistent with a merger-triggered core collapse supernova. Science, 2021, 373, 1125-1129.	6.0	28
41	Fast-transient Searches in Real Time with ZTFReST: Identification of Three Optically Discovered Gamma-Ray Burst Afterglows and New Constraints on the Kilonova Rate. Astrophysical Journal, 2021, 918, 63.	1.6	42
42	The luminous red nova AT 2018bwo in NGC 45 and its binary yellow supergiant progenitor. Astronomy and Astrophysics, 2021, 653, A134.	2.1	28
43	A low-energy explosion yields the underluminous Type IIP SN 2020cxd. Astronomy and Astrophysics, 2021, 655, A90.	2.1	10
44	Real-time discovery of AT2020xnd: a fast, luminous ultraviolet transient with minimal radioactive ejecta. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5138-5147.	1.6	44
45	The Peculiar Ca-rich SN2019ehk: Evidence for a Type IIb Core-collapse Supernova from a Low-mass Stripped Progenitor. Astrophysical Journal Letters, 2021, 907, L18.	3.0	20
46	Identification of a Local Sample of Gamma-Ray Bursts Consistent with a Magnetar Giant Flare Origin. Astrophysical Journal Letters, 2021, 907, L28.	3.0	33
47	Spectroscopy of the first resolved strongly lensed Type Ia supernova iPTF16geu. Monthly Notices of the Royal Astronomical Society, 2021, 502, 510-520.	1.6	8
48	Multi-wavelength Observations of AT2019wey: a New Candidate Black Hole Low-mass X-ray Binary. Astrophysical Journal, 2021, 920, 120.	1.6	12
49	AT 2019qyl in NGC 300: Internal Collisions in the Early Outflow from a Very Fast Nova in a Symbiotic Binary* â€. Astrophysical Journal, 2021, 920, 127.	1.6	4
50	Second Timescale Photometry of the Very Fast Nova V1674 Her with Palomar Gattini-IR. Research Notes of the AAS, 2021, 5, 244.	0.3	2
51	Faintest of Them All: ZTF 21aaoryiz/SN 2021fcgâ€"Discovery of an Extremely Low Luminosity Type Iax Supernova. Astrophysical Journal Letters, 2021, 921, L6.	3.0	8
52	The Panchromatic Afterglow of GW170817: The Full Uniform Data Set, Modeling, Comparison with Previous Results, and Implications. Astrophysical Journal, 2021, 922, 154.	1.6	27
53	Discovery of a 310 Day Period from the Enshrouded Massive System NaSt1 (WR 122). Astrophysical Journal, 2021, 922, 5.	1.6	0
54	The Challenges Ahead for Multimessenger Analyses of Gravitational Waves and Kilonova: A Case Study on GW190425. Astrophysical Journal, 2021, 922, 269.	1.6	35

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55	The large-scale environment of thermonuclear and core-collapse supernovae. Monthly Notices of the Royal Astronomical Society, 2021, 510, 366-372.	1.6	5
56	Near-infrared Supernova Ia Distances: Host Galaxy Extinction and Mass-step Corrections Revisited. Astrophysical Journal, 2021, 923, 237.	1.6	24
57	AT 2018lqh and the Nature of the Emerging Population of Day-scale Duration Optical Transients. Astrophysical Journal, 2021, 922, 247.	1.6	8
58	Palomar Gattini-IR: Survey Overview, Data Processing System, On-sky Performance and First Results. Publications of the Astronomical Society of the Pacific, 2020, 132, 025001.	1.0	49
59	Progenitor, precursor, and evolution of the dusty remnant of the stellar merger M31-LRN-2015. Monthly Notices of the Royal Astronomical Society, 2020, 496, 5503-5517.	1.6	20
60	The future is now. Nature Reviews Physics, 2020, 2, 452-454.	11.9	0
61	ATâ€‰2016dah and ATâ€‰2017fyp: the first classical novae discovered within a tidal stream. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1073-1092.	1.6	2
62	PTF11rka: an interacting supernova at the crossroads of stripped-envelope and H-poor superluminous stellar core collapses. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3542-3556.	1.6	6
63	Host Galaxies of Type Ic and Broad-lined Type Ic Supernovae from the Palomar Transient Factory: Implications for Jet Production. Astrophysical Journal, 2020, 892, 153.	1.6	40
64	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
65	The Koala: A Fast Blue Optical Transient with Luminous Radio Emission from a Starburst Dwarf Galaxy at zÂ=Â0.27. Astrophysical Journal, 2020, 895, 49.	1.6	72
66	Cataclysmic Variables in the First Year of the Zwicky Transient Facility. Astronomical Journal, 2020, 159, 198.	1.9	22
67	A new and unusual LBV-like outburst from a Wolfâ€“Rayet star in the outskirts of M33. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5897-5915.	1.6	12
68	LSQ13ddu: a rapidly evolving stripped-envelope supernova with early circumstellar interaction signatures. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2208-2228.	1.6	12
69	Zwicky Transient Facility Constraints on the Optical Emission from the Nearby Repeating FRB 180916.J0158+65. Astrophysical Journal Letters, 2020, 896, L2.	3.0	20
70	Candidate Electromagnetic Counterpart to the Binary Black Hole Merger Gravitational-Wave Event S190521g. Physical Review Letters, 2020, 124, 251102.	2.9	226
71	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
72	Type IIn supernova light-curve properties measured from an untargeted survey sample. Astronomy and Astrophysics, 2020, 637, A73.	2.1	47

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73	Two stripped envelope supernovae with circumstellar interaction. Astronomy and Astrophysics, 2020, 643, A79.	2.1	18
74	Wide-field dynamic astronomy in the near-infrared with Palomar Gattini-IR and DREAMS. , 2020, , .		4
75	GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Starâ€“Black Hole Merger. Astrophysical Journal, 2020, 890, 131.	1.6	74
76	SOFIA/FORCAST Galactic Center Legacy Survey: Overview. Astrophysical Journal, 2020, 894, 55.	1.6	8
77	Early Ultraviolet Observations of Type IIn Supernovae Constrain the Asphericity of Their Circumstellar Material. Astrophysical Journal, 2020, 899, 51.	1.6	9
78	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yvq. Astrophysical Journal, 2020, 898, 56.	1.6	32
79	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
80	SN2019dge: A Helium-rich Ultra-stripped Envelope Supernova. Astrophysical Journal, 2020, 900, 46.	1.6	38
81	Four (Super)luminous Supernovae from the First Months of the ZTF Survey. Astrophysical Journal, 2020, 901, 61.	1.6	25
82	ZTF Early Observations of Type Ia Supernovae. III. Early-time Colors As a Test for Explosion Models and Multiple Populations. Astrophysical Journal, 2020, 902, 48.	1.6	26
83	SN 2018fif: The Explosion of a Large Red Supergiant Discovered in Its Infancy by the Zwicky Transient Facility. Astrophysical Journal, 2020, 902, 6.	1.6	18
84	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
85	A Non-equipartition Shock Wave Traveling in a Dense Circumstellar Environment around SN 2020oi. Astrophysical Journal, 2020, 903, 132.	1.6	19
86	The Zwicky Transient Facility Bright Transient Survey. II. A Public Statistical Sample for Exploring Supernova Demographics*. Astrophysical Journal, 2020, 904, 35.	1.6	107
87	Constraining the Kilonova Rate with Zwicky Transient Facility Searches Independent of Gravitational Wave and Short Gamma-Ray Burst Triggers. Astrophysical Journal, 2020, 904, 155.	1.6	26
88	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. Astrophysical Journal, 2020, 905, 145.	1.6	69
89	ZTF20aajnksq (AT 2020blt): A Fast Optical Transient at zÂâ‰ˆÂ2.9 with No Detected Gamma-Ray Burst Counterpart. Astrophysical Journal, 2020, 905, 98.	1.6	24
90	Characterization of Temporarily Captured Minimoon 2020 CD₃ by Keck Time-resolved Spectrophotometry. Astrophysical Journal Letters, 2020, 900, L45.	3.0	15

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91	Constraining the X-Rayâ€“Infrared Spectral Index of Second-timescale Flares from SGR 1935+2154Âwith Palomar Gattini-IR. Astrophysical Journal Letters, 2020, 901, L7.	3.0	14
92	Helium-rich Superluminous Supernovae from the Zwicky Transient Facility. Astrophysical Journal Letters, 2020, 902, L8.	3.0	18
93	The wide-field infrared transient explorer (WINTER). , 2020, , .		11
94	The Zwicky Transient Facility: Science Objectives. Publications of the Astronomical Society of the Pacific, 2019, 131, 078001.	1.0	453
95	ZTF18aalrxas: A Type IIb Supernova from a Very Extended Low-mass Progenitor. Astrophysical Journal Letters, 2019, 878, L5.	3.0	24
96	Census of the Local Universe (CLU) Narrowband Survey. I. Galaxy Catalogs from Preliminary Fields. Astrophysical Journal, 2019, 880, 7.	1.6	43
97	Discovery of an Intermediate-luminosity Red Transient in M51 and Its Likely Dust-obscured, Infrared-variable Progenitor. Astrophysical Journal Letters, 2019, 880, L20.	3.0	19
98	GROWTH on S190510g: DECam Observation Planning and Follow-up of a Distant Binary Neutron Star Merger Candidate. Astrophysical Journal Letters, 2019, 881, L16.	3.0	30
99	Real-bogus classification for the Zwicky Transient Facility using deep learning. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3582-3590.	1.6	94
100	GROWTH on S190426c: Real-time Search for a Counterpart to the Probable Neutron Starâ€“Black Hole Merger using an Automated Difference Imaging Pipeline for DECam. Astrophysical Journal Letters, 2019, 881, L7.	3.0	39
101	R-band light-curve properties of Type Ia supernovae from the (intermediate) Palomar Transient Factory. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5045-5076.	1.6	16
102	PTF14jg: The Remarkable Outburst and Post-burst Evolution of a Previously Anonymous Galactic Star. Astrophysical Journal, 2019, 874, 82.	1.6	16
103	Uncovering Red and Dusty Ultraluminous X-Ray Sources with Spitzer. Astrophysical Journal, 2019, 878, 71.	1.6	23
104	SPIRITS Catalog of Infrared Variables: Identification of Extremely Luminous Long Period Variables. Astrophysical Journal, 2019, 877, 110.	1.6	15
105	The GROWTH Marshal: A Dynamic Science Portal for Time-domain Astronomy. Publications of the Astronomical Society of the Pacific, 2019, 131, 038003.	1.0	112
106	Supernova 2017eaw: Molecule and Dust Formation from Infrared Observations. Astrophysical Journal, 2019, 873, 127.	1.6	22
107	Background-limited Imaging in the Near Infrared with Warm InGaAs Sensors: Applications for Time-domain Astronomy. Astronomical Journal, 2019, 157, 46.	1.9	13
108	Machine Learning for the Zwicky Transient Facility. Publications of the Astronomical Society of the Pacific, 2019, 131, 038002.	1.0	83

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109	AT2018cow: A Luminous Millimeter Transient. Astrophysical Journal, 2019, 871, 73.	1.6	101
110	A Six-year Image-subtraction Light Curve of SN 2010jl. Publications of the Astronomical Society of the Pacific, 2019, 131, 054204.	1.0	1
111	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
112	The volumetric rate of normal type Ia supernovae in the local Universe discovered by the Palomar Transient Factory. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2308-2320.	1.6	30
113	Rapid â€œTurn-onâ€•of Type-1 AGN in a Quiescent Early-type Galaxy SDSS1115+0544. Astrophysical Journal, 2019, 874, 44.	1.6	33
114	LSST: From Science Drivers to Reference Design and Anticipated Data Products. Astrophysical Journal, 2019, 873, 111.	1.6	1,744
115	The Double-peaked Radio Light Curve of Supernova PTF11qcj. Astrophysical Journal, 2019, 872, 201.	1.6	17
116	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. Astrophysical Journal, 2019, 872, 198.	1.6	74
117	Supernova PTF 12glz: A Possible Shock Breakout Driven through an Aspherical Wind. Astrophysical Journal, 2019, 872, 141.	1.6	20
118	ZTF 18aaqeasu (SN2018byg): A Massive Helium-shell Double Detonation on a Sub-Chandrasekhar-mass White Dwarf. Astrophysical Journal Letters, 2019, 873, L18.	3.0	56
119	2900 Square Degree Search for the Optical Counterpart of Short Gamma-Ray Burst GRB 180523B with the Zwicky Transient Facility. Publications of the Astronomical Society of the Pacific, 2019, 131, 048001.	1.0	27
120	The SPIRITS Sample of Luminous Infrared Transients: Uncovering Hidden Supernovae and Dusty Stellar Outbursts in Nearby Galaxies*. Astrophysical Journal, 2019, 886, 40.	1.6	38
121	On the Origin of SN 2016hilâ€”A Type II Supernova in the Remote Outskirts of an Elliptical Host. Astrophysical Journal, 2019, 887, 127.	1.6	8
122	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. Astrophysical Journal, 2019, 887, 169.	1.6	55
123	Supernova 2014C: Ongoing Interaction with Extended Circumstellar Material with Silicate Dust. Astrophysical Journal, 2019, 887, 75.	1.6	18
124	Toward Rate Estimation for Transient Surveys. I. Assessing Transient Detectability and Volume Sensitivity for iPTF. Astrophysical Journal, 2019, 881, 128.	1.6	4
125	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. Astrophysical Journal Letters, 2019, 885, L19.	3.0	86
126	Distinguishing the nature of comparable-mass neutron star binary systems with multimessenger observations: GW170817 case study. Physical Review D, 2019, 100, .	1.6	54

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127	An ASKAP Search for a Radio Counterpart to the First High-significance Neutron Starâ€“Black Hole Merger LIGO/Virgo S190814bv. Astrophysical Journal Letters, 2019, 887, L13.	3.0	45
128	Carnegie Supernova Project-II: Near-infrared Spectroscopic Diversity of Type II Supernovae. Astrophysical Journal, 2019, 887, 4.	1.6	16
129	The Zwicky Transient Facility: Data Processing, Products, and Archive. Publications of the Astronomical Society of the Pacific, 2019, 131, 018003.	1.0	610
130	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
131	Unveiling the dynamic infrared sky. Nature Astronomy, 2019, 3, 109-109.	4.2	23
132	Carnegie Supernova Project-II: Extending the Near-infrared Hubble Diagram for Type Ia Supernovae to z â^¼ 0.1. Publications of the Astronomical Society of the Pacific, 2019, 131, 014001.	1.0	56
133	Carnegie Supernova Project-II: The Near-infrared Spectroscopy Program. Publications of the Astronomical Society of the Pacific, 2019, 131, 014002.	1.0	55
134	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. Astrophysical Journal, 2019, 886, 152.	1.6	77
135	iPTF Survey for Cool Transients. Publications of the Astronomical Society of the Pacific, 2018, 130, 034202.	1.0	12
136	A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. Nature, 2018, 554, 207-210.	13.7	283
137	Spectra of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. Astrophysical Journal, 2018, 855, 2.	1.6	98
138	iPTF Archival Search for Fast Optical Transients. Astrophysical Journal Letters, 2018, 854, L13.	3.0	23
139	Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. Astrophysical Journal, 2018, 860, 100.	1.6	105
140	Oxygen and helium in stripped-envelope supernovae. Astronomy and Astrophysics, 2018, 618, A37.	2.1	26
141	A Strong Jet Signature in the Late-time Light Curve of GW170817. Astrophysical Journal Letters, 2018, 868, L11.	3.0	114
142	From Î³ to Radio: The Electromagnetic Counterpart of GW170817. Astrophysical Journal, 2018, 867, 18.	1.6	66
143	A Turnover in the Radio Light Curve of GW170817. Astrophysical Journal Letters, 2018, 858, L15.	3.0	118
144	A Case Study of On-the-fly Wide-field Radio Imaging Applied to the Gravitational Wave Event GW151226. Astrophysical Journal, 2018, 857, 143.	1.6	7

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145	iPTF 16hgs: A Double-peaked Ca-rich Gap Transient in a Metal-poor, Star-forming Dwarf Galaxy. Astrophysical Journal, 2018, 866, 72.	1.6	31
146	PTF11mnb: First analog of supernova 2005bf. Astronomy and Astrophysics, 2018, 609, A106.	2.1	24
147	The first direct double neutron star merger detection: Implications for cosmic nucleosynthesis. Astronomy and Astrophysics, 2018, 615, A132.	2.1	134
148	A hot and fast ultra-stripped supernova that likely formed a compact neutron star binary. Science, 2018, 362, 201-206.	6.0	84
149	A UV resonance line echo from a shell around a hydrogen-poor superluminous supernova. Nature Astronomy, 2018, 2, 887-895.	4.2	39
150	Early Observations of the Type Ia Supernova iPTF 16abc: A Case of Interaction with Nearby, Unbound Material and/or Strong Ejecta Mixing. Astrophysical Journal, 2018, 852, 100.	1.6	49
151	An Optical and Infrared Time-domain Study of the Supergiant Fast X-Ray Transient Candidate IC 10 X-2. Astrophysical Journal, 2018, 856, 38.	1.6	1
152	SPIRITS 16tn in NGCÂ3556: A Heavily Obscured and Low-luminosity Supernova at 8.8ÂMpc. Astrophysical Journal, 2018, 863, 20.	1.6	12
153	Opening the dynamic infrared sky. , 2018, , .		2
154	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. Astrophysical Journal, 2017, 836, 158.	1.6	79
155	Confined dense circumstellar material surrounding a regular type II supernova. Nature Physics, 2017, 13, 510-517.	6.5	221
156	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. Science, 2017, 356, 291-295.	6.0	168
157	Far-ultraviolet to Near-infrared Spectroscopy of a Nearby Hydrogen-poor Superluminous Supernova Gaia16apd. Astrophysical Journal, 2017, 840, 57.	1.6	57
158	Two New Calcium-rich Gap Transients in Group and Cluster Environments. Astrophysical Journal, 2017, 836, 60.	1.6	60
159	SPIRITS 15c and SPIRITS 14buu: Two Obscured Supernovae in the Nearby Star-forming Galaxy IC 2163. Astrophysical Journal, 2017, 837, 167.	1.6	16
160	Color Me Intrigued: The Discovery of iPTF 16fnm, an SN 2002cxâ€“like Object. Astrophysical Journal, 2017, 848, 59.	1.6	28
161	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. Nature, 2017, 551, 67-70.	13.7	715
162	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. Science, 2017, 358, 1559-1565.	6.0	559

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163	Swift and NuSTAR observations of GW170817: Detection of a blue kilonova. Science, 2017, 358, 1565-1570.	6.0	399
164	A radio counterpart to a neutron star merger. Science, 2017, 358, 1579-1583.	6.0	390
165	Infrared Emission from Kilonovae: The Case of the Nearby Short Hard Burst GRB 160821B. Astrophysical Journal Letters, 2017, 843, L34.	3.0	53
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