

M M Kasliwal

List of Publications by Year in descending order

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283
papers

24,858
citations

8181

76
h-index

7950

149
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284
all docs

284
docs citations

284
times ranked

10138
citing authors

#	ARTICLE	IF	CITATIONS
1	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019, 873, 111.	4.5	1,744
2	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
3	The Palomar Transient Factory: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1395-1408.	3.1	900
4	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. <i>Nature</i> , 2017, 551, 67-70.	27.8	715
5	Exploring the Optical Transient Sky with the Palomar Transient Factory. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1334-1351.	3.1	618
6	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
7	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017, 358, 1559-1565.	12.6	559
8	The Zwicky Transient Facility: Science Objectives. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 078001.	3.1	453
9	Hydrogen-poor superluminous stellar explosions. <i>Nature</i> , 2011, 474, 487-489.	27.8	440
10	The <i>Spitzer</i> Survey of Stellar Structure in Galaxies. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 1397-1414.	3.1	426
11	Relativistic ejecta from X-ray flash XRF 060218 and the rate of cosmic explosions. <i>Nature</i> , 2006, 442, 1014-1017.	27.8	422
12	Supernova SN 2011fe from an exploding carbon-oxygen white dwarf star. <i>Nature</i> , 2011, 480, 344-347.	27.8	412
13	An extremely luminous X-ray outburst at the birth of a supernova. <i>Nature</i> , 2008, 453, 469-474.	27.8	407
14	Supernova 2007bi as a pair-instability explosion. <i>Nature</i> , 2009, 462, 624-627.	27.8	399
15	<i>Swift</i> and <i>NuSTAR</i> observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017, 358, 1565-1570.	12.6	399
16	A radio counterpart to a neutron star merger. <i>Science</i> , 2017, 358, 1579-1583.	12.6	390
17	An Extremely Luminous Panchromatic Outburst from the Nucleus of a Distant Galaxy. <i>Science</i> , 2011, 333, 199-202.	12.6	290
18	A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. <i>Nature</i> , 2018, 554, 207-210.	27.8	283

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19	PTF 11kx: A Type Ia Supernova with a Symbiotic Nova Progenitor. <i>Science</i> , 2012, 337, 942-945.	12.6	282
20	A Wolf-Rayet-like progenitor of SN 2013cu from spectral observations of a stellar wind. <i>Nature</i> , 2014, 509, 471-474.	27.8	250
21	The host galaxy of a fast radio burst. <i>Nature</i> , 2016, 530, 453-456.	27.8	241
22	A real-time fast radio burst: polarization detection and multiwavelength follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 246-255.	4.4	236
23	SN 2006gy: An Extremely Luminous Supernova in the Galaxy NGC 1260. <i>Astrophysical Journal</i> , 2007, 659, L13-L16.	4.5	230
24	Candidate Electromagnetic Counterpart to the Binary Black Hole Merger Gravitational-Wave Event S190521g. <i>Physical Review Letters</i> , 2020, 124, 251102.	7.8	226
25	Confined dense circumstellar material surrounding a regular type II supernova. <i>Nature Physics</i> , 2017, 13, 510-517.	16.7	221
26	IDENTIFYING ELUSIVE ELECTROMAGNETIC COUNTERPARTS TO GRAVITATIONAL WAVE MERGERS: AN END-TO-END SIMULATION. <i>Astrophysical Journal</i> , 2013, 767, 124.	4.5	197
27	An outburst from a massive star 40 days before a supernova explosion. <i>Nature</i> , 2013, 494, 65-67.	27.8	183
28	TYPE Ia SUPERNOVAE STRONGLY INTERACTING WITH THEIR CIRCUMSTELLAR MEDIUM. <i>Astrophysical Journal, Supplement Series</i> , 2013, 207, 3.	7.7	180
29	PRECURSORS PRIOR TO TYPE II _n SUPERNOVA EXPLOSIONS ARE COMMON: PRECURSOR RATES, PROPERTIES, AND CORRELATIONS. <i>Astrophysical Journal</i> , 2014, 789, 104.	4.5	175
30	CALCIUM-RICH GAP TRANSIENTS IN THE REMOTE OUTSKIRTS OF GALAXIES. <i>Astrophysical Journal</i> , 2012, 755, 161.	4.5	174
31	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
32	DISCOVERY, PROGENITOR AND EARLY EVOLUTION OF A STRIPPED ENVELOPE SUPERNOVA iPTF13bvn. <i>Astrophysical Journal Letters</i> , 2013, 775, L7.	8.3	169
33	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. <i>Science</i> , 2017, 356, 291-295.	12.6	168
34	FLASH SPECTROSCOPY: EMISSION LINES FROM THE IONIZED CIRCUMSTELLAR MATERIAL AROUND <10-DAY-OLD TYPE II SUPERNOVAE. <i>Astrophysical Journal</i> , 2016, 818, 3.	4.5	161
35	A strong ultraviolet pulse from a newborn type Ia supernova. <i>Nature</i> , 2015, 521, 328-331.	27.8	157
36	SN 2011dh: DISCOVERY OF A TYPE II _b SUPERNOVA FROM A COMPACT PROGENITOR IN THE NEARBY GALAXY M51. <i>Astrophysical Journal Letters</i> , 2011, 742, L18.	8.3	156

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37	CORE-COLLAPSE SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: INDICATIONS FOR A DIFFERENT POPULATION IN DWARF GALAXIES. <i>Astrophysical Journal</i> , 2010, 721, 777-784.	4.5	153
38	SUPERNOVA PTF 09UJ: A POSSIBLE SHOCK BREAKOUT FROM A DENSE CIRCUMSTELLAR WIND. <i>Astrophysical Journal</i> , 2010, 724, 1396-1401.	4.5	152
39	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	142
40	Automating Discovery and Classification of Transients and Variable Stars in the Synoptic Survey Era. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 1175-1196.	3.1	141
41	The fast, luminous ultraviolet transient AT2018cow: extreme supernova, or disruption of a star by an intermediate-mass black hole?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1031-1049.	4.4	136
42	A tidal disruption event coincident with a high-energy neutrino. <i>Nature Astronomy</i> , 2021, 5, 510-518.	10.1	136
43	The first direct double neutron star merger detection: Implications for cosmic nucleosynthesis. <i>Astronomy and Astrophysics</i> , 2018, 615, A132.	5.1	134
44	RAPIDLY DECAYING SUPERNOVA 2010X: A CANDIDATE α -EXPLOSION. <i>Astrophysical Journal Letters</i> , 2010, 723, L98-L102.	8.3	126
45	GOING THE DISTANCE: MAPPING HOST GALAXIES OF LIGO AND VIRGO SOURCES IN THREE DIMENSIONS USING LOCAL COSMOGRAPHY AND TARGETED FOLLOW-UP. <i>Astrophysical Journal Letters</i> , 2016, 829, L15.	8.3	126
46	The Palomar Transient Factory Photometric Calibration. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 62-73.	3.1	124
47	A Turnover in the Radio Light Curve of GW170817. <i>Astrophysical Journal Letters</i> , 2018, 858, L15.	8.3	118
48	THE PROGENITOR OF SUPERNOVA 2011dh/PTF11eon IN MESSIER 51. <i>Astrophysical Journal Letters</i> , 2011, 741, L28.	8.3	115
49	The bolometric light curves and physical parameters of stripped-envelope supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2973-3002.	4.4	115
50	A Strong Jet Signature in the Late-time Light Curve of GW170817. <i>Astrophysical Journal Letters</i> , 2018, 868, L11.	8.3	114
51	Energetic eruptions leading to a peculiar hydrogen-rich explosion of a massive star. <i>Nature</i> , 2017, 551, 210-213.	27.8	112
52	The GROWTH Marshal: A Dynamic Science Portal for Time-domain Astronomy. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 038003.	3.1	112
53	PTF11iqb: cool supergiant mass-loss that bridges the gap between Type II _{in} and normal supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1876-1896.	4.4	111
54	GALAXY STRATEGY FOR LIGO-VIRGO GRAVITATIONAL WAVE COUNTERPART SEARCHES. <i>Astrophysical Journal</i> , 2016, 820, 136.	4.5	111

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55	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. <i>Astrophysical Journal</i> , 2017, 844, 46.	4.5	111
56	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
57	The Type IIb SN 2008ax: spectral and light curve evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 389, 955-966.	4.4	105
58	Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. <i>Astrophysical Journal</i> , 2018, 860, 100.	4.5	105
59	THE RISE OF SN 2014J IN THE NEARBY GALAXY M82. <i>Astrophysical Journal Letters</i> , 2014, 784, L12.	8.3	104
60	DARK BURSTS IN THE <i>SWIFT</i> ERA: THE PALOMAR 60 INCH- <i>SWIFT</i> EARLY OPTICAL AFTERGLOW CATALOG. <i>Astrophysical Journal</i> , 2009, 693, 1484-1493.	4.5	102
61	AT2018cow: A Luminous Millimeter Transient. <i>Astrophysical Journal</i> , 2019, 871, 73.	4.5	101
62	Spectra of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. <i>Astrophysical Journal</i> , 2018, 855, 2.	4.5	98
63	THE CALTECH-NRAO STRIPE 82 SURVEY (CNSS) PAPER. I. THE PILOT RADIO TRANSIENT SURVEY IN 50 DEG ² . <i>Astrophysical Journal</i> , 2016, 818, 105.	4.5	97
64	THE PECULIAR EXTINCTION LAW OF SN 2014J MEASURED WITH THE <i>HUBBLE SPACE TELESCOPE</i> . <i>Astrophysical Journal Letters</i> , 2014, 788, L21.	8.3	94
65	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
66	THE HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA iPTF 13ajg AND ITS HOST GALAXY IN ABSORPTION AND EMISSION. <i>Astrophysical Journal</i> , 2014, 797, 24.	4.5	92
67	<i>Hubble Space Telescope</i> studies of low-redshift Type Ia supernovae: evolution with redshift and ultraviolet spectral trends. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2359-2379.	4.4	91
68	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
69	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
70	A hot and fast ultra-stripped supernova that likely formed a compact neutron star binary. <i>Science</i> , 2018, 362, 201-206.	12.6	84
71	Machine Learning for the Zwicky Transient Facility. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 038002.	3.1	83
72	REAL-TIME DETECTION AND RAPID MULTIWAVELENGTH FOLLOW-UP OBSERVATIONS OF A HIGHLY SUBLUMINOUS TYPE II-P SUPERNOVA FROM THE PALOMAR TRANSIENT FACTORY SURVEY. <i>Astrophysical Journal</i> , 2011, 736, 159.	4.5	81

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73	COMMON ENVELOPE EJECTION FOR A LUMINOUS RED NOVA IN M101. <i>Astrophysical Journal</i> , 2017, 834, 107.	4.5	81
74	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
75	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. <i>Astrophysical Journal</i> , 2017, 836, 158.	4.5	79
76	Diversity in extinction laws of Type Ia supernovae measured between 0.2 and 2.4 μ m. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3301-3329.	4.4	78
77	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. <i>Astrophysical Journal</i> , 2019, 886, 152.	4.5	77
78	A MULTI-WAVELENGTH INVESTIGATION OF THE RADIO-LOUD SUPERNOVA PTF11qcj AND ITS CIRCUMSTELLAR ENVIRONMENT. <i>Astrophysical Journal</i> , 2014, 782, 42.	4.5	76
79	Exploring the spectral diversity of low-redshift Type Ia supernovae using the Palomar Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3258-3274.	4.4	75
80	TYPE II SUPERNOVA ENERGETICS AND COMPARISON OF LIGHT CURVES TO SHOCK-COOLING MODELS. <i>Astrophysical Journal</i> , 2016, 820, 33.	4.5	75
81	SPIRITS: Uncovering Unusual Infrared Transients with Spitzer. <i>Astrophysical Journal</i> , 2017, 839, 88.	4.5	75
82	DISCOVERY OF A NEW PHOTOMETRIC SUB-CLASS OF FAINT AND FAST CLASSICAL NOVAE. <i>Astrophysical Journal</i> , 2011, 735, 94.	4.5	74
83	Massive star mergers and the recent transient in NGC 4490: a more massive cousin of V838 Mon and V1309 Sco. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 950-962.	4.4	74
84	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. <i>Astrophysical Journal</i> , 2019, 872, 198.	4.5	74
85	The Type IIb SN 2011dh: Two years of observations and modelling of the lightcurves. <i>Astronomy and Astrophysics</i> , 2015, 580, A142.	5.1	74
86	GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Star–Black Hole Merger. <i>Astrophysical Journal</i> , 2020, 890, 131.	4.5	74
87	A VERY LARGE ARRAY SEARCH FOR 5 GHz RADIO TRANSIENTS AND VARIABLES AT LOW GALACTIC LATITUDES. <i>Astrophysical Journal</i> , 2011, 740, 65.	4.5	73
88	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
89	DISCOVERY OF A COSMOLOGICAL, RELATIVISTIC OUTBURST VIA ITS RAPIDLY FADING OPTICAL EMISSION. <i>Astrophysical Journal</i> , 2013, 769, 130.	4.5	71
90	Optical follow-up of the neutron star–black hole mergers S200105ae and S200115j. <i>Nature Astronomy</i> , 2021, 5, 46-53.	10.1	71

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91	Discovery and confirmation of the shortest gamma-ray burst from a collapsar. <i>Nature Astronomy</i> , 2021, 5, 917-927.	10.1	69
92	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
93	Strong near-infrared carbon in the Type Ia supernova iPTF13ebh. <i>Astronomy and Astrophysics</i> , 2015, 578, A9.	5.1	68
94	SLOW-SPEED SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: TWO CHANNELS. <i>Astrophysical Journal</i> , 2015, 799, 52.	4.5	68
95	From $\hat{\Gamma}^3$ to Radio: The Electromagnetic Counterpart of GW170817. <i>Astrophysical Journal</i> , 2018, 867, 18.	4.5	66
96	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
97	Near-infrared observations of Type Ia supernovae: the best known standard candle for cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1007-1012.	4.4	64
98	An early and comprehensive millimetre and centimetre wave and X-ray study of SN 2011dh: a non-equipartition blast wave expanding into a massive stellar wind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1258-1267.	4.4	64
99	ON DISCOVERING ELECTROMAGNETIC EMISSION FROM NEUTRON STAR MERGERS: THE EARLY YEARS OF TWO GRAVITATIONAL WAVE DETECTORS. <i>Astrophysical Journal Letters</i> , 2014, 789, L5.	8.3	64
100	THE DOUBLE-PEAKED SN 2013ge: A TYPE Ib/c SN WITH AN ASYMMETRIC MASS EJECTION OR AN EXTENDED PROGENITOR ENVELOPE. <i>Astrophysical Journal</i> , 2016, 821, 57.	4.5	64
101	Spitzer mid-infrared detections of neutron star merger GW170817 suggests synthesis of the heaviest elements. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 510, L7-L12.	3.3	64
102	The Palomar Transient Factory photometric catalog 1.0. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 854-860.	3.1	63
103	INTERACTION-POWERED SUPERNOVAE: RISE-TIME VERSUS PEAK-LUMINOSITY CORRELATION AND THE SHOCK-BREAKOUT VELOCITY. <i>Astrophysical Journal</i> , 2014, 788, 154.	4.5	62
104	THE SUBLUMINOUS AND PECULIAR TYPE Ia SUPERNOVA PTF 09dav. <i>Astrophysical Journal</i> , 2011, 732, 118.	4.5	61
105	X-RAY EMISSION FROM SUPERNOVAE IN DENSE CIRCUMSTELLAR MATTER ENVIRONMENTS: A SEARCH FOR COLLISIONLESS SHOCKS. <i>Astrophysical Journal</i> , 2013, 763, 42.	4.5	61
106	ON THE EARLY-TIME EXCESS EMISSION IN HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE. <i>Astrophysical Journal</i> , 2017, 835, 58.	4.5	61
107	IPAC Image Processing and Data Archiving for the Palomar Transient Factory. <i>Publications of the Astronomical Society of the Pacific</i> , 0, , 000-000.	3.1	60
108	Two New Calcium-rich Gap Transients in Group and Cluster Environments. <i>Astrophysical Journal</i> , 2017, 836, 60.	4.5	60

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109	Bright, Months-long Stellar Outbursts Announce the Explosion of Interaction-powered Supernovae. <i>Astrophysical Journal</i> , 2021, 907, 99.	4.5	59
110	Far-ultraviolet to Near-infrared Spectroscopy of a Nearby Hydrogen-poor Superluminous Supernova Gaia16apd. <i>Astrophysical Journal</i> , 2017, 840, 57.	4.5	57
111	iPTF 16asu: A Luminous, Rapidly Evolving, and High-velocity Supernova. <i>Astrophysical Journal</i> , 2017, 851, 107.	4.5	57
112	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
113	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
114	Carnegie Supernova Project-II: Extending the Near-infrared Hubble Diagram for Type Ia Supernovae to $z < 0.1$. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 014001.	3.1	56
115	The Palomar Transient Factory Core-collapse Supernova Host-galaxy Sample. I. Host-galaxy Distribution Functions and Environment Dependence of Core-collapse Supernovae. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 29.	7.7	56
116	PTF 10fq: A LUMINOUS RED NOVA IN THE SPIRAL GALAXY MESSIER 99. <i>Astrophysical Journal</i> , 2011, 730, 134.	4.5	55
117	Systematically Bridging the Gap Between Novae and Supernovae. <i>Publications of the Astronomical Society of Australia</i> , 2012, 29, 482-488.	3.4	55
118	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
119	Carnegie Supernova Project-II: The Near-infrared Spectroscopy Program. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 014002.	3.1	55
120	SN 2009ip: CONSTRAINTS ON THE PROGENITOR MASS-LOSS RATE. <i>Astrophysical Journal</i> , 2013, 768, 47.	4.5	54
121	SN 2010MB: DIRECT EVIDENCE FOR A SUPERNOVA INTERACTING WITH A LARGE AMOUNT OF HYDROGEN-FREE CIRCUMSTELLAR MATERIAL. <i>Astrophysical Journal</i> , 2014, 785, 37.	4.5	54
122	Distinguishing the nature of comparable-mass neutron star binary systems with multimessenger observations: GW170817 case study. <i>Physical Review D</i> , 2019, 100, .	4.7	54
123	The type IIb SN 2008ax: the nature of the progenitor. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 391, L5-L9.	3.3	53
124	CONSTRAINTS ON THE ORIGIN OF THE FIRST LIGHT FROM SN 2014J. <i>Astrophysical Journal</i> , 2015, 799, 106.	4.5	53
125	Infrared Emission from Kilonovae: The Case of the Nearby Short Hard Burst GRB 160821B. <i>Astrophysical Journal Letters</i> , 2017, 843, L34.	8.3	53
126	DISCOVERY AND REDSHIFT OF AN OPTICAL AFTERGLOW IN 71 deg $z < 2$: iPTF13bxi AND GRB 130702A. <i>Astrophysical Journal Letters</i> , 2013, 776, L34.	8.3	52

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127	SN 2010jp (PTF10aaxi): a jet in a Type II supernova. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1135-1144.	4.4	51
128	AN ACCRETING WHITE DWARF NEAR THE CHANDRASEKHAR LIMIT IN THE ANDROMEDA GALAXY. Astrophysical Journal, 2014, 786, 61.	4.5	51
129	iPTF14yb: THE FIRST DISCOVERY OF A GAMMA-RAY BURST AFTERGLOW INDEPENDENT OF A HIGH-ENERGY TRIGGER. Astrophysical Journal Letters, 2015, 803, L24.	8.3	50
130	iPTF15dtg: a double-peaked Type Ic supernova from a massive progenitor. Astronomy and Astrophysics, 2016, 592, A89.	5.1	49
131	Intermediate Palomar Transient Factory: Realtime Image Subtraction Pipeline. Publications of the Astronomical Society of the Pacific, 2016, 128, 114502.	3.1	49
132	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.	4.5	49
133	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.	3.1	49
134	The UV/optical spectra of the Type Ia supernova SN 2010jn: a bright supernova with outer layers rich in iron-group elements. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2228-2248.	4.4	48
135	A WC/WO star exploding within an expanding carbon-oxygen-neon nebula. Nature, 2022, 601, 201-204.	27.8	48
136	Type II supernova light-curve properties measured from an untargeted survey sample. Astronomy and Astrophysics, 2020, 637, A73.	5.1	47
137	CLASSICAL NOVAE IN ANDROMEDA: LIGHT CURVES FROM THE PALOMAR TRANSIENT FACTORY AND GALEX. Astrophysical Journal, 2012, 752, 133.	4.5	46
138	iPTF SEARCH FOR AN OPTICAL COUNTERPART TO GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 824, L24.	8.3	46
139	A SYSTEMATIC STUDY OF MID-INFRARED EMISSION FROM CORE-COLLAPSE SUPERNOVAE WITH SPIRITS. Astrophysical Journal, 2016, 833, 231.	4.5	46
140	An ASKAP Search for a Radio Counterpart to the First High-significance Neutron Star-Black Hole Merger LIGO/Virgo S190814bv. Astrophysical Journal Letters, 2019, 887, L13.	8.3	45
141	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.	4.4	44
142	PTF10ops - a subluminal, normal-width light curve Type Ia supernova in the middle of nowhere. Monthly Notices of the Royal Astronomical Society, 2011, 418, 747-758.	4.4	43
143	THE NEEDLE IN THE 100 deg ² HAYSTACK: UNCOVERING AFTERGLOWS OF FERMI GRBs WITH THE PALOMAR TRANSIENT FACTORY. Astrophysical Journal, 2015, 806, 52.	4.5	43
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