

M M Kasliwal

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274
papers

17,531
citations

66
h-index

125
g-index

284
ext. papers

20,955
ext. citations

8.2
avg, IF

5.92
L-index

#	Paper	IF	Citations
274	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019 , 873, 111	4.7	814
273	The Palomar Transient Factory: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2009 , 121, 1395-1408	5	798
272	Exploring the Optical Transient Sky with the Palomar Transient Factory. <i>Publications of the Astronomical Society of the Pacific</i> , 2009 , 121, 1334-1351	5	559
271	The Zwicky Transient Facility: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 018002	5	472
270	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. <i>Nature</i> , 2017 , 551, 67-70	50.4	444
269	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017 , 358, 1559-1565	33.3	414
268	Hydrogen-poor superluminous stellar explosions. <i>Nature</i> , 2011 , 474, 487-9	50.4	378
267	Relativistic ejecta from X-ray flash XRF 060218 and the rate of cosmic explosions. <i>Nature</i> , 2006 , 442, 1014-7	50.4	376
266	Supernova SN 2011fe from an exploding carbon-oxygen white dwarf star. <i>Nature</i> , 2011 , 480, 344-7	50.4	353
265	The Spitzer Survey of Stellar Structure in Galaxies. <i>Publications of the Astronomical Society of the Pacific</i> , 2010 , 122, 1397-1414	5	349
264	An extremely luminous X-ray outburst at the birth of a supernova. <i>Nature</i> , 2008 , 453, 469-74	50.4	348
263	Supernova 2007bi as a pair-instability explosion. <i>Nature</i> , 2009 , 462, 624-7	50.4	343
262	A radio counterpart to a neutron star merger. <i>Science</i> , 2017 , 358, 1579-1583	33.3	302
261	The Zwicky Transient Facility: Data Processing, Products, and Archive. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 018003	5	291
260	and observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017 , 358, 1565-1570	33.3	286
259	The Zwicky Transient Facility: Science Objectives. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 078001	5	256
258	An extremely luminous panchromatic outburst from the nucleus of a distant galaxy. <i>Science</i> , 2011 , 333, 199-202	33.3	254

257	PTF 11kx: a type Ia supernova with a symbiotic nova progenitor. <i>Science</i> , 2012 , 337, 942-5	33.3	254
256	A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. <i>Nature</i> , 2018 , 554, 207-210	50.4	224
255	The host galaxy of a fast radio burst. <i>Nature</i> , 2016 , 530, 453-6	50.4	212
254	SN 2006gy: An Extremely Luminous Supernova in the Galaxy NGC 1260. <i>Astrophysical Journal</i> , 2007 , 659, L13-L16	4.7	210
253	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	4.3	206
252	A Wolf-Rayet-like progenitor of SN 2013cu from spectral observations of a stellar wind. <i>Nature</i> , 2014 , 509, 471-4	50.4	194
251	IDENTIFYING ELUSIVE ELECTROMAGNETIC COUNTERPARTS TO GRAVITATIONAL WAVE MERGERS: AN END-TO-END SIMULATION. <i>Astrophysical Journal</i> , 2013 , 767, 124	4.7	185
250	An outburst from a massive star 40 days before a supernova explosion. <i>Nature</i> , 2013 , 494, 65-7	50.4	155
249	TYPE Ia SUPERNOVAE STRONGLY INTERACTING WITH THEIR CIRCUMSTELLAR MEDIUM. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 207, 3	8	152
248	CALCIUM-RICH GAP TRANSIENTS IN THE REMOTE OUTSKIRTS OF GALAXIES. <i>Astrophysical Journal</i> , 2012 , 755, 161	4.7	146
247	Confined dense circumstellar material surrounding a regular type II supernova. <i>Nature Physics</i> , 2017 , 13, 510-517	16.2	145
246	DISCOVERY, PROGENITOR AND EARLY EVOLUTION OF A STRIPPED ENVELOPE SUPERNOVA iPTF13bvn. <i>Astrophysical Journal Letters</i> , 2013 , 775, L7	7.9	145
245	CORE-COLLAPSE SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: INDICATIONS FOR A DIFFERENT POPULATION IN DWARF GALAXIES. <i>Astrophysical Journal</i> , 2010 , 721, 777-784	4.7	145
244	SN 2011dh: DISCOVERY OF A TYPE IIb SUPERNOVA FROM A COMPACT PROGENITOR IN THE NEARBY GALAXY M51. <i>Astrophysical Journal Letters</i> , 2011 , 742, L18	7.9	138
243	PRECURSORS PRIOR TO TYPE II _n SUPERNOVA EXPLOSIONS ARE COMMON: PRECURSOR RATES, PROPERTIES, AND CORRELATIONS. <i>Astrophysical Journal</i> , 2014 , 789, 104	4.7	133
242	SUPERNOVA PTF 09UJ: A POSSIBLE SHOCK BREAKOUT FROM A DENSE CIRCUMSTELLAR WIND. <i>Astrophysical Journal</i> , 2010 , 724, 1396-1401	4.7	131
241	A strong ultraviolet pulse from a newborn type Ia supernova. <i>Nature</i> , 2015 , 521, 328-31	50.4	127
240	Candidate Electromagnetic Counterpart to the Binary Black Hole Merger Gravitational-Wave Event S190521g. <i>Physical Review Letters</i> , 2020 , 124, 251102	7.4	126

239	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	5	125
238	The Palomar Transient Factory Photometric Calibration. <i>Publications of the Astronomical Society of the Pacific</i> , 2012 , 124, 62-73	5	118
237	FLASH SPECTROSCOPY: EMISSION LINES FROM THE IONIZED CIRCUMSTELLAR MATERIAL AROUND . <i>Astrophysical Journal</i> , 2016 , 818, 3	4.7	114
236	RAPIDLY DECAYING SUPERNOVA 2010X: A CANDIDATE Ia EXPLOSION. <i>Astrophysical Journal Letters</i> , 2010 , 723, L98-L102	7.9	110
235	THE PROGENITOR OF SUPERNOVA 2011dh/PTF11eon IN MESSIER 51. <i>Astrophysical Journal Letters</i> , 2011 , 741, L28	7.9	107
234	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. <i>Publications of the Astronomical Society of Australia</i> , 2017 , 34,	5.5	99
233	THE RISE OF SN 2014J IN THE NEARBY GALAXY M82. <i>Astrophysical Journal Letters</i> , 2014 , 784, L12	7.9	98
232	A Turnover in the Radio Light Curve of GW170817. <i>Astrophysical Journal Letters</i> , 2018 , 858, L15	7.9	97
231	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. <i>Science</i> , 2017 , 356, 291-295	33.3	96
230	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	7.9	96
229	The Type IIb SN 2008ax: spectral and light curve evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 389, 955-966	4.3	96
228	DARK BURSTS IN THESWIFTERA: THE PALOMAR 60 INCH-SWIFTEARLY OPTICAL AFTERGLOW CATALOG. <i>Astrophysical Journal</i> , 2009 , 693, 1484-1493	4.7	94
227	The bolometric light curves and physical parameters of stripped-envelope supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 2973-3002	4.3	89
226	THE PECULIAR EXTINCTION LAW OF SN 2014J MEASURED WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal Letters</i> , 2014 , 788, L21	7.9	89
225	GALAXY STRATEGY FOR LIGO-VIRGO GRAVITATIONAL WAVE COUNTERPART SEARCHES. <i>Astrophysical Journal</i> , 2016 , 820, 136	4.7	89
224	Energetic eruptions leading to a peculiar hydrogen-rich explosion of a massive star. <i>Nature</i> , 2017 , 551, 210-213	50.4	88
223	PTF11iqb: cool supergiant mass-loss that bridges the gap between Type IIIn and normal supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 1876-1896	4.3	88
222	The first direct double neutron star merger detection: Implications for cosmic nucleosynthesis. <i>Astronomy and Astrophysics</i> , 2018 , 615, A132	5.1	88

221	Hubble Space Telescope 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	4.3	87
220	A Strong Jet Signature in the Late-time Light Curve of GW170817. <i>Astrophysical Journal Letters</i> , 2018 , 868, L11	7.9	85
219	THE HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA iPTF 13ajg AND ITS HOST GALAXY IN ABSORPTION AND EMISSION. <i>Astrophysical Journal</i> , 2014 , 797, 24	4.7	81
218	The GROWTH Marshal: A Dynamic Science Portal for Time-domain Astronomy. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 038003	5	80
217	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	4.3	78
216	THE CALTECH-NRAO STRIPE 82 SURVEY (CNSS) PAPER. I. THE PILOT RADIO TRANSIENT SURVEY IN 50 DEG2. <i>Astrophysical Journal</i> , 2016 , 818, 105	4.7	77
215	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. <i>Astrophysical Journal</i> , 2017 , 844, 46	4.7	76
214	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	5	76
213	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	4.7	71
212	Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. <i>Astrophysical Journal</i> , 2018 , 860, 100	4.7	71
211	A VERY LARGE ARRAY SEARCH FOR 5 GHz RADIO TRANSIENTS AND VARIABLES AT LOW GALACTIC LATITUDES. <i>Astrophysical Journal</i> , 2011 , 740, 65	4.7	68
210	Spectra of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. <i>Astrophysical Journal</i> , 2018 , 855, 2	4.7	67
209	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	4.3	67
208	A MULTI-WAVELENGTH INVESTIGATION OF THE RADIO-LOUD SUPERNOVA PTF11qcj AND ITS CIRCUMSTELLAR ENVIRONMENT. <i>Astrophysical Journal</i> , 2014 , 782, 42	4.7	64
207	Diversity in extinction laws of Type Ia supernovae measured between 0.2 and 2 h. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 3301-3329	4.3	63
206	TYPE II SUPERNOVA ENERGETICS AND COMPARISON OF LIGHT CURVES TO SHOCK-COOLING MODELS. <i>Astrophysical Journal</i> , 2016 , 820, 33	4.7	62
205	DISCOVERY OF A COSMOLOGICAL, RELATIVISTIC OUTBURST VIA ITS RAPIDLY FADING OPTICAL EMISSION. <i>Astrophysical Journal</i> , 2013 , 769, 130	4.7	62
204	DISCOVERY OF A NEW PHOTOMETRIC SUB-CLASS OF FAINT AND FAST CLASSICAL NOVAE. <i>Astrophysical Journal</i> , 2011 , 735, 94	4.7	62

203	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	4.7	62
202	The Palomar Transient Factory photometric catalog 1.0. <i>Publications of the Astronomical Society of the Pacific</i> , 2012 , 124, 854-860	5	61
201	AT2018cow: A Luminous Millimeter Transient. <i>Astrophysical Journal</i> , 2019 , 871, 73	4.7	60
200	ON DISCOVERING ELECTROMAGNETIC EMISSION FROM NEUTRON STAR MERGERS: THE EARLY YEARS OF TWO GRAVITATIONAL WAVE DETECTORS. <i>Astrophysical Journal Letters</i> , 2014 , 789, L5	7.9	59
199	COMMON ENVELOPE EJECTION FOR A LUMINOUS RED NOVA IN M101. <i>Astrophysical Journal</i> , 2017 , 834, 107	4.7	59
198	The Type IIb SN 2011dh: Two years of observations and modelling of the lightcurves. <i>Astronomy and Astrophysics</i> , 2015 , 580, A142	5.1	59
197	SLOW-SPEED SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: TWO CHANNELS. <i>Astrophysical Journal</i> , 2015 , 799, 52	4.7	58
196	From Γ to Radio: The Electromagnetic Counterpart of GW170817. <i>Astrophysical Journal</i> , 2018 , 867, 18	4.7	56
195	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	4.3	55
194	Strong near-infrared carbon in the Type Ia supernova iPTF13ebh. <i>Astronomy and Astrophysics</i> , 2015 , 578, A9	5.1	55
193	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	4.3	55
192	X-RAY EMISSION FROM SUPERNOVAE IN DENSE CIRCUMSTELLAR MATTER ENVIRONMENTS: A SEARCH FOR COLLISIONLESS SHOCKS. <i>Astrophysical Journal</i> , 2013 , 763, 42	4.7	55
191	A hot and fast ultra-stripped supernova that likely formed a compact neutron star binary. <i>Science</i> , 2018 , 362, 201-206	33.3	55
190	SPIRITS: Uncovering Unusual Infrared Transients with Spitzer. <i>Astrophysical Journal</i> , 2017 , 839, 88	4.7	54
189	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	7.9	54
188	Machine Learning for the Zwicky Transient Facility. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 038002	5	53
187	INTERACTION-POWERED SUPERNOVAE: RISE-TIME VERSUS PEAK-LUMINOSITY CORRELATION AND THE SHOCK-BREAKOUT VELOCITY. <i>Astrophysical Journal</i> , 2014 , 788, 154	4.7	53
186	Real-bogus classification for the Zwicky Transient Facility using deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 3582-3590	4.3	52

185	THE SUBLUMINOUS AND PECULIAR TYPE Ia SUPERNOVA PTF 09dav. <i>Astrophysical Journal</i> , 2011 , 732, 118	4.7	52
184	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	4.7	51
183	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. <i>Astrophysical Journal</i> , 2017 , 836, 158	4.7	49
182	CONSTRAINTS ON THE ORIGIN OF THE FIRST LIGHT FROM SN 2014J. <i>Astrophysical Journal</i> , 2015 , 799, 106	4.7	49
181	DISCOVERY AND REDSHIFT OF AN OPTICAL AFTERGLOW IN 71 deg 2 : iPTF13bxl AND GRB 130702A. <i>Astrophysical Journal Letters</i> , 2013 , 776, L34	7.9	49
180	PTF 10fqg: A LUMINOUS RED NOVA IN THE SPIRAL GALAXY MESSIER 99. <i>Astrophysical Journal</i> , 2011 , 730, 134	4.7	48
179	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	4.7	48
178	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. <i>Astrophysical Journal</i> , 2019 , 872, 198	4.7	47
177	AN ACCRETING WHITE DWARF NEAR THE CHANDRASEKHAR LIMIT IN THE ANDROMEDA GALAXY. <i>Astrophysical Journal</i> , 2014 , 786, 61	4.7	47
176	SN 2010jp (PTF10aaxi): a jet in a Type II supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 420, 1135-1144	4.3	47
175	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	4.3	47
174	SN 2009ip: CONSTRAINTS ON THE PROGENITOR MASS-LOSS RATE. <i>Astrophysical Journal</i> , 2013 , 768, 47	4.7	47
173	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. <i>Astrophysical Journal</i> , 2019 , 886, 152	4.7	47
172	ON THE EARLY-TIME EXCESS EMISSION IN HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE. <i>Astrophysical Journal</i> , 2017 , 835, 58	4.7	46
171	Far-ultraviolet to Near-infrared Spectroscopy of a Nearby Hydrogen-poor Superluminous Supernova Gaia16apd. <i>Astrophysical Journal</i> , 2017 , 840, 57	4.7	45
170	Two New Calcium-rich Gap Transients in Group and Cluster Environments. <i>Astrophysical Journal</i> , 2017 , 836, 60	4.7	45
169	The UV/optical spectra of the Type Ia supernova SN 2010jn: a bright supernova with outer layers rich in iron-group elements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 429, 2228-2248	4.3	45
168	Systematically Bridging the Gap Between Novae and Supernovae. <i>Publications of the Astronomical Society of Australia</i> , 2012 , 29, 482-488	5.5	45

167	The type IIb SN 2008ax: the nature of the progenitor. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008 ,	4.3	45
166	iPTF 16asu: A Luminous, Rapidly Evolving, and High-velocity Supernova. <i>Astrophysical Journal</i> , 2017 , 851, 107	4.7	43
165	iPTF SEARCH FOR AN OPTICAL COUNTERPART TO GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 824, L24	7.9	42
164	A tidal disruption event coincident with a high-energy neutrino. <i>Nature Astronomy</i> , 2021 , 5, 510-518	12.1	41
163	SN 2010MB: DIRECT EVIDENCE FOR A SUPERNOVA INTERACTING WITH A LARGE AMOUNT OF HYDROGEN-FREE CIRCUMSTELLAR MATERIAL. <i>Astrophysical Journal</i> , 2014 , 785, 37	4.7	40
162	iPTF15dtg: a double-peaked Type Ic supernova from a massive progenitor. <i>Astronomy and Astrophysics</i> , 2016 , 592, A89	5.1	40
161	THE NEEDLE IN THE 100 deg2HAYSTACK: UNCOVERING AFTERGLOWS OFFERMIGRBs WITH THE PALOMAR TRANSIENT FACTORY. <i>Astrophysical Journal</i> , 2015 , 806, 52	4.7	39
160	PTF10ops - a subluminous, normal-width light curve Type Ia supernova in the middle of nowhere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 418, 747-758	4.3	39
159	Distinguishing the nature of comparable-mass neutron star binary systems with multimessenger observations: GW170817 case study. <i>Physical Review D</i> , 2019 , 100,	4.9	39
158	CLASSICAL NOVAE IN ANDROMEDA: LIGHT CURVES FROM THE PALOMAR TRANSIENT FACTORY ANDGALEX. <i>Astrophysical Journal</i> , 2012 , 752, 133	4.7	38
157	The Zwicky Transient Facility Bright Transient Survey. II. A Public Statistical Sample for Exploring Supernova Demographics. <i>Astrophysical Journal</i> , 2020 , 904, 35	4.7	38
156	Carnegie Supernova Project-II: The Near-infrared Spectroscopy Program. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 014002	5	38
155	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	4.7	37
154	iPTF14yb: THE FIRST DISCOVERY OF A GAMMA-RAY BURST AFTERGLOW INDEPENDENT OF A HIGH-ENERGY TRIGGER. <i>Astrophysical Journal Letters</i> , 2015 , 803, L24	7.9	37
153	Intermediate Palomar Transient Factory: Realtime Image Subtraction Pipeline. <i>Publications of the Astronomical Society of the Pacific</i> , 2016 , 128, 114502	5	36
152	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	4.7	36
151	Carnegie Supernova Project-II: Extending the Near-infrared Hubble Diagram for Type Ia Supernovae to $z \sim 0.1$. <i>Publications of the Astronomical Society of the Pacific</i> , 2019 , 131, 014001	5	36
150	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	4.7	36

149	DISCOVERY AND EARLY MULTI-WAVELENGTH MEASUREMENTS OF THE ENERGETIC TYPE IC SUPERNOVA PTF12GZK: A MASSIVE-STAR EXPLOSION IN A DWARF HOST GALAXY. <i>Astrophysical Journal Letters</i> , 2012 , 760, L33	7.9	35
148	ZTF 18aaqesu (SN2018byg): A Massive Helium-shell Double Detonation on a Sub-Chandrasekhar-mass White Dwarf. <i>Astrophysical Journal Letters</i> , 2019 , 873, L18	7.9	34
147	RADIO OBSERVATIONS OF A SAMPLE OF BROAD-LINE TYPE IC SUPERNOVAE DISCOVERED BY PTF/IPTF: A SEARCH FOR RELATIVISTIC EXPLOSIONS. <i>Astrophysical Journal</i> , 2016 , 830, 42	4.7	34
146	Optical follow-up of the neutron star/black hole mergers S200105ae and S200115j. <i>Nature Astronomy</i> , 2021 , 5, 46-53	12.1	34
145	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> , 2019 ,	4.3	33
144	M31N 2007-11d: A SLOWLY RISING, LUMINOUS NOVA IN M31. <i>Astrophysical Journal</i> , 2009 , 690, 1148-1157	4.7	33
143	SUPPLEMENT: GOING THE DISTANCE: MAPPING HOST GALAXIES OF LIGO AND VIRGO SOURCES IN THREE DIMENSIONS USING LOCAL COSMOGRAPHY AND TARGETED FOLLOW-UP (2016, ApJL, 829, L15). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 226, 10	8	33
142	PTF13efv: AN OUTBURST 500 DAYS PRIOR TO THE SNHUNT 275 EXPLOSION AND ITS RADIATIVE EFFICIENCY. <i>Astrophysical Journal</i> , 2016 , 824, 6	4.7	32
141	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	4.7	32
140	Infrared Emission from Kilonovae: The Case of the Nearby Short Hard Burst GRB 160821B. <i>Astrophysical Journal Letters</i> , 2017 , 843, L34	7.9	32
139	The bumpy light curve of Type II supernova iPTF13z over 3 years. <i>Astronomy and Astrophysics</i> , 2017 , 605, A6	5.1	32
138	GRB 070201: A Possible Soft Gamma-Ray Repeater in M31. <i>Astrophysical Journal</i> , 2008 , 681, 1464-1469	4.7	32
137	A SYSTEMATIC STUDY OF MID-INFRARED EMISSION FROM CORE-COLLAPSE SUPERNOVAE WITH SPIRITS. <i>Astrophysical Journal</i> , 2016 , 833, 231	4.7	31
136	An ASKAP Search for a Radio Counterpart to the First High-significance Neutron Star/Black Hole Merger LIGO/Virgo S190814bv. <i>Astrophysical Journal Letters</i> , 2019 , 887, L13	7.9	31
135	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	4.7	29
134	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. <i>Astrophysical Journal Letters</i> , 2019 , 881, L7	7.9	28
133	Asteroid rotation periods from the Palomar Transient Factory survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 421, 2094-2108	4.3	28
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