M M Kasliwal

List of Publications by Year in Descending Order

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	A WC/WO star exploding within an expanding carbon-oxygen-neon nebula.. *Nature*, **2022**, 601, 201-204	50.4	8
273	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	4.3	0
272	Inferring Kilonova Population Properties with a Hierarchical Bayesian Framework. I. Nondetection Methodology and Single-event Analyses. *Astrophysical Journal*, **2022**, 925, 58	4.7	0
271	Carnegie Supernova Project-II: Near-infrared Spectroscopy of Stripped-envelope Core-collapse Supernovae*. *Astrophysical Journal*, **2022**, 925, 175	4.7	1
270	An Infrared Search for Kilonovae with the WINTER Telescope. I. Binary Neutron Star Mergers. *Astrophysical Journal*, **2022**, 926, 152	4.7	2
269	DBSP_DRP: A Python package for automated spectroscopic data reduction of DBSP data. *Journal of Open Source Software*, **2022**, 7, 3612	5.2	0
268	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	7.9	0
267	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	4.3	2
266	Less Than 1% of Core-collapse Supernovae in the Local Universe Occur in Elliptical Galaxies. *Astrophysical Journal*, **2022**, 927, 10	4.7	1
265	The Type Icn SN 2021csp: Implications for the Origins of the Fastest Supernovae and the Fates of Wolf-Rayet Stars. *Astrophysical Journal*, **2022**, 927, 180	4.7	4
264	Hubble Space Telescope Imaging of Luminous Extragalactic Infrared Transients and Variables from the Spitzer Infrared Intensive Transients Survey*. *Astrophysical Journal*, **2022**, 928, 158	4.7	
263	Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. *Astrophysical Journal, Supplement Series*, **2022**, 260, 18	8	2
262	The GALEX-PTF Experiment. II. Supernova Progenitor Radius and Energetics via Shock-cooling Modeling. *Astrophysical Journal*, **2022**, 931, 71	4.7	
261	The Challenges Ahead for Multimessenger Analyses of Gravitational Waves and Kilonova: A Case Study on GW190425. *Astrophysical Journal*, **2021**, 922, 269	4.7	7
260	The Panchromatic Afterglow of GW170817: The Full Uniform Data Set, Modeling, Comparison with Previous Results, and Implications. *Astrophysical Journal*, **2021**, 922, 154	4.7	4
259	Discovery of a 310 Day Period from the Enshrouded Massive System NaSt1 (WR 122). *Astrophysical Journal*, **2021**, 922, 5	4.7	
258	Multi-wavelength Observations of AT2019wey: a New Candidate Black Hole Low-mass X-ray Binary. *Astrophysical Journal*, **2021**, 920, 120	4.7	5

257	AT 2019qyl in NGC 300: Internal Collisions in the Early Outflow from a Very Fast Nova in a Symbiotic Binary* □ *Astrophysical Journal*, **2021**, 920, 127	4.7	0
256	Second Timescale Photometry of the Very Fast Nova V1674 Her with Palomar Gattini-IR. *Research Notes of the AAS*, **2021**, 5, 244	0.8	1
255	Faintest of Them All: ZTF 21aaoryiz/SN 2021fcg□Discovery of an Extremely Low Luminosity Type Iax Supernova. *Astrophysical Journal Letters*, **2021**, 921, L6	7.9	0
254	Spectroscopy of the first resolved strongly lensed Type Ia supernova iPTF16geu. *Monthly Notices of the Royal Astronomical Society*, **2021**, 502, 510-520	4.3	2
253	Infrared spectropolarimetric detection of intrinsic polarization from a core-collapse supernova. *Nature Astronomy*, **2021**, 5, 544-551	12.1	1
252	Revealing Efficient Dust Formation at Low Metallicity in Extragalactic Carbon-rich Wolf-Rayet Binaries. *Astrophysical Journal*, **2021**, 909, 113	4.7	5
251	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	7.9	4
250	Census of R Coronae Borealis Stars. I. Infrared Light Curves from Palomar Gattini IR. *Astrophysical Journal*, **2021**, 910, 132	4.7	3
249	Outbursting Young Stellar Object PGIR 20dci in the Perseus Arm. *Astronomical Journal*, **2021**, 161, 220	4.9	4
248	A Population of Heavily Reddened, Optically Missed Novae from Palomar Gattini-IR: Constraints on the Galactic Nova Rate. *Astrophysical Journal*, **2021**, 912, 19	4.7	8
247	A Large Fraction of Hydrogen-rich Supernova Progenitors Experience Elevated Mass Loss Shortly Prior to Explosion. *Astrophysical Journal*, **2021**, 912, 46	4.7	22
246	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	4.7	6
245	Discovery and confirmation of the shortest gamma-ray burst from a collapsar. *Nature Astronomy*, **2021**, 5, 917-927	12.1	11
244	Optical follow-up of the neutron star□black hole mergers S200105ae and S200115j. *Nature Astronomy*, **2021**, 5, 46-53	12.1	34
243	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	4.9	7
242	Seventeen Tidal Disruption Events from the First Half of ZTF Survey Observations: Entering a New Era of Population Studies. *Astrophysical Journal*, **2021**, 908, 4	4.7	62
241	Bright, Months-long Stellar Outbursts Announce the Explosion of Interaction-powered Supernovae. *Astrophysical Journal*, **2021**, 907, 99	4.7	18
240	Is supernova SN 2020faa an iPTF14hls look-alike?. *Astronomy and Astrophysics*, **2021**, 646, A22	5.1	8

239	A tidal disruption event coincident with a high-energy neutrino. *Nature Astronomy*, **2021**, 5, 510-518	12.1	41
238	Cataclysmic Variables in the Second Year of the Zwicky Transient Facility. *Astronomical Journal*, **2021**, 162, 94	4.9	1
237	SNIascore: Deep-learning Classification of Low-resolution Supernova Spectra. *Astrophysical Journal Letters*, **2021**, 917, L2	7.9	2
236	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	8	16
235	The Blue Supergiant Progenitor of the Supernova Imposter AT 2019krl. *Astrophysical Journal*, **2021**, 917, 63	4.7	3
234	A transient radio source consistent with a merger-triggered core collapse supernova. *Science*, **2021**, 373, 1125-1129	33.3	7
233	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	4.7	13
232	The luminous red nova AT 2018bwo in NGC 45 and its binary yellow supergiant progenitor. *Astronomy and Astrophysics*, **2021**, 653, A134	5.1	3
231	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	7.9	7
230	Identification of a Local Sample of Gamma-Ray Bursts Consistent with a Magnetar Giant Flare Origin. *Astrophysical Journal Letters*, **2021**, 907, L28	7.9	12
229	The large-scale environment of thermonuclear and core-collapse supernovae. *Monthly Notices of the Royal Astronomical Society*, **2021**, 510, 366-372	4.3	1
228	Near-infrared Supernova Ia Distances: Host Galaxy Extinction and Mass-step Corrections Revisited. *Astrophysical Journal*, **2021**, 923, 237	4.7	3
227	AT 2018lqh and the Nature of the Emerging Population of Day-scale Duration Optical Transients. *Astrophysical Journal*, **2021**, 922, 247	4.7	1
226	AT 2016dah and AT 2017fyp: the first classical novae discovered within a tidal stream. *Monthly Notices of the Royal Astronomical Society*, **2020**, 495, 1073-1092	4.3	1
225	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	4.3	1
224	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	4.7	25
223	The Zwicky Transient Facility Bright Transient Survey. I. Spectroscopic Classification and the Redshift Completeness of Local Galaxy Catalogs. *Astrophysical Journal*, **2020**, 895, 32	4.7	37
222	The Koala: A Fast Blue Optical Transient with Luminous Radio Emission from a Starburst Dwarf Galaxy atz= 0.27. *Astrophysical Journal*, **2020**, 895, 49	4.7	32

221	Cataclysmic Variables in the First Year of the Zwicky Transient Facility. *Astronomical Journal*, **2020**, 159, 198	4.9	12
220	A new and unusual LBV-like outburst from a Wolf-Rayet star in the outskirts of M33. *Monthly Notices of the Royal Astronomical Society*, **2020**, 492, 5897-5915	4.3	6
219	LSQ13ddu: a rapidly evolving stripped-envelope supernova with early circumstellar interaction signatures. *Monthly Notices of the Royal Astronomical Society*, **2020**, 492, 2208-2228	4.3	10
218	Zwicky Transient Facility Constraints on the Optical Emission from the Nearby Repeating FRB 180916.J0158+65. *Astrophysical Journal Letters*, **2020**, 896, L2	7.9	11
217	Candidate Electromagnetic Counterpart to the Binary Black Hole Merger Gravitational-Wave Event S190521g. *Physical Review Letters*, **2020**, 124, 251102	7.4	126
216	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	4.9	18
215	GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Star-Black Hole Merger. *Astrophysical Journal*, **2020**, 890, 131	4.7	51
214	SOFIA/FORCAST Galactic Center Legacy Survey: Overview. *Astrophysical Journal*, **2020**, 894, 55	4.7	4
213	Early Ultraviolet Observations of Type IIn Supernovae Constrain the Asphericity of Their Circumstellar Material. *Astrophysical Journal*, **2020**, 899, 51	4.7	4
212	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yvq. *Astrophysical Journal*, **2020**, 898, 56	4.7	12
211	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	4.7	9
210	SN2019dge: A Helium-rich Ultra-stripped Envelope Supernova. *Astrophysical Journal*, **2020**, 900, 46	4.7	16
209	Four (Super)luminous Supernovae from the First Months of the ZTF Survey. *Astrophysical Journal*, **2020**, 901, 61	4.7	12
208	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	4.7	12
207	SN 2018fif: The Explosion of a Large Red Supergiant Discovered in Its Infancy by the Zwicky Transient Facility. *Astrophysical Journal*, **2020**, 902, 6	4.7	3
206	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	4.7	27
205	A Non-equipartition Shock Wave Traveling in a Dense Circumstellar Environment around SN 2020oi. *Astrophysical Journal*, **2020**, 903, 132	4.7	8
204	The Zwicky Transient Facility Bright Transient Survey. II. A Public Statistical Sample for Exploring Supernova Demographics. *Astrophysical Journal*, **2020**, 904, 35	4.7	38

203	Constraining the Kilonova Rate with Zwicky Transient Facility Searches Independent of Gravitational Wave and Short Gamma-Ray Burst Triggers. *Astrophysical Journal*, **2020**, 904, 155	4.7	14
202	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. *Astrophysical Journal*, **2020**, 905, 145	4.7	29
201	ZTF20aajnksq (AT 2020blt): A Fast Optical Transient at z□2.9 with No Detected Gamma-Ray Burst Counterpart. *Astrophysical Journal*, **2020**, 905, 98	4.7	9
200	Characterization of Temporarily Captured Minimoon 2020 CD3by Keck Time-resolved Spectrophotometry. *Astrophysical Journal Letters*, **2020**, 900, L45	7.9	6
199	Constraining the X-Ray□nfrared Spectral Index of Second-timescale Flares from SGR 1935+2154 with Palomar Gattini-IR. *Astrophysical Journal Letters*, **2020**, 901, L7	7.9	12
198	Helium-rich Superluminous Supernovae from the Zwicky Transient Facility. *Astrophysical Journal Letters*, **2020**, 902, L8	7.9	6
197	The wide-field infrared transient explorer (WINTER) **2020**,		3
196	Type IIn supernova light-curve properties measured from an untargeted survey sample. *Astronomy and Astrophysics*, **2020**, 637, A73	5.1	24
195	Two stripped envelope supernovae with circumstellar interaction. *Astronomy and Astrophysics*, **2020**, 643, A79	5.1	9
194	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	5	25
193	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	4.3	9
192	GROWTH on S190426c: Real-time Search for a Counterpart to the Probable Neutron Star□Black Hole Merger using an Automated Difference Imaging Pipeline for DECam. *Astrophysical Journal Letters*, **2019**, 881, L7	7.9	28
191	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	4.3	13
190	PTF14jg: The Remarkable Outburst and Post-burst Evolution of a Previously Anonymous Galactic Star. *Astrophysical Journal*, **2019**, 874, 82	4.7	8
189	Uncovering Red and Dusty Ultraluminous X-Ray Sources withSpitzer. *Astrophysical Journal*, **2019**, 878, 71	4.7	15
188	SPIRITS Catalog of Infrared Variables: Identification of Extremely Luminous Long Period Variables. *Astrophysical Journal*, **2019**, 877, 110	4.7	12
187	The GROWTH Marshal: A Dynamic Science Portal for Time-domain Astronomy. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 038003	5	80
186	Supernova 2017eaw: Molecule and Dust Formation from Infrared Observations. *Astrophysical Journal*, **2019**, 873, 127	4.7	13

185	Background-limited Imaging in the Near Infrared with Warm InGaAs Sensors: Applications for Time-domain Astronomy. *Astronomical Journal*, **2019**, 157, 46	4.9	7
184	Machine Learning for the Zwicky Transient Facility. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 038002	5	53
183	AT2018cow: A Luminous Millimeter Transient. *Astrophysical Journal*, **2019**, 871, 73	4.7	60
182	A Six-year Image-subtraction Light Curve of SN 2010jl. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 054204	5	
181	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	4.3	78
180	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	4.3	20
179	Rapid Turn-on of Type-1 AGN in a Quiescent Early-type Galaxy SDSS1115+0544. *Astrophysical Journal*, **2019**, 874, 44	4.7	24
178	LSST: From Science Drivers to Reference Design and Anticipated Data Products. *Astrophysical Journal*, **2019**, 873, 111	4.7	814
177	The Double-peaked Radio Light Curve of Supernova PTF11qcj. *Astrophysical Journal*, **2019**, 872, 201	4.7	14
176	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. *Astrophysical Journal*, **2019**, 872, 198	4.7	47
175	Supernova PTF 12glz: A Possible Shock Breakout Driven through an Aspherical Wind. *Astrophysical Journal*, **2019**, 872, 141	4.7	15
174	ZTF 18aaqeasu (SN2018byg): A Massive Helium-shell Double Detonation on a Sub-Chandrasekhar-mass White Dwarf. *Astrophysical Journal Letters*, **2019**, 873, L18	7.9	34
173	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	5	23
172	The Zwicky Transient Facility: Science Objectives. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 078001	5	256
171	ZTF18aalrxas: A Type IIb Supernova from a Very Extended Low-mass Progenitor. *Astrophysical Journal Letters*, **2019**, 878, L5	7.9	17
170	Census of the Local Universe (CLU) Narrowband Survey. I. Galaxy Catalogs from Preliminary Fields. *Astrophysical Journal*, **2019**, 880, 7	4.7	25
169	Spitzer Mid-Infrared Detections of Neutron Star Merger GW170817 Suggests Synthesis of the Heaviest Elements. *Monthly Notices of the Royal Astronomical Society: Letters*, **2019**,	4.3	33
168	Discovery of an Intermediate-luminosity Red Transient in M51 and Its Likely Dust-obscured, Infrared-variable Progenitor. *Astrophysical Journal Letters*, **2019**, 880, L20	7.9	15

167	GROWTH on S190510g: DECam Observation Planning and Follow-up of a Distant Binary Neutron Star Merger Candidate. *Astrophysical Journal Letters*, **2019**, 881, L16	7.9	19
166	Real-bogus classification for the Zwicky Transient Facility using deep learning. *Monthly Notices of the Royal Astronomical Society*, **2019**, 489, 3582-3590	4.3	52
165	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. *Astrophysical Journal*, **2019**, 886, 152	4.7	47
164	The SPIRITS Sample of Luminous Infrared Transients: Uncovering Hidden Supernovae and Dusty Stellar Outbursts in Nearby Galaxies. *Astrophysical Journal*, **2019**, 886, 40	4.7	22
163	On the Origin of SN 2016hil: A Type II Supernova in the Remote Outskirts of an Elliptical Host. *Astrophysical Journal*, **2019**, 887, 127	4.7	6
162	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	4.7	36
161	Magnification, dust, and time-delay constraints from the first resolved strongly lensed Type Ia supernova iPTF16geu. *Monthly Notices of the Royal Astronomical Society*, **2019**,	4.3	5
160	Supernova 2014C: Ongoing Interaction with Extended Circumstellar Material with Silicate Dust. *Astrophysical Journal*, **2019**, 887, 75	4.7	9
159	Toward Rate Estimation for Transient Surveys. I. Assessing Transient Detectability and Volume Sensitivity for iPTF. *Astrophysical Journal*, **2019**, 881, 128	4.7	1
158	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	7.9	54
157	Distinguishing the nature of comparable-mass neutron star binary systems with multimessenger observations: GW170817 case study. *Physical Review D*, **2019**, 100,	4.9	39
156	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	7.9	31
155	Carnegie Supernova Project-II: Near-infrared Spectroscopic Diversity of Type II Supernovae. *Astrophysical Journal*, **2019**, 887, 4	4.7	10
154	The Zwicky Transient Facility: Data Processing, Products, and Archive. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 018003	5	291
153	The Zwicky Transient Facility: System Overview, Performance, and First Results. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 018002	5	472
152	Carnegie Supernova Project-II: Extending the Near-infrared Hubble Diagram for Type Ia Supernovae to z ~ 0.1. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 014001	5	36
151	Carnegie Supernova Project-II: The Near-infrared Spectroscopy Program. *Publications of the Astronomical Society of the Pacific*, **2019**, 131, 014002	5	38
150	iPTF Survey for Cool Transients. *Publications of the Astronomical Society of the Pacific*, **2018**, 130, 034202	5	11

149	A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. *Nature*, **2018**, 554, 207-210	50.4	224
148	Spectra of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. *Astrophysical Journal*, **2018**, 855, 2	4.7	67
147	iPTF Archival Search for Fast Optical Transients. *Astrophysical Journal Letters*, **2018**, 854, L13	7.9	14
146	SPIRITS 16tn in NGC 3556: A Heavily Obscured and Low-luminosity Supernova at 8.8 Mpc. *Astrophysical Journal*, **2018**, 863, 20	4.7	11
145	Opening the dynamic infrared sky **2018**,		1
144	Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. *Astrophysical Journal*, **2018**, 860, 100	4.7	71
143	Oxygen and helium in stripped-envelope supernovae. *Astronomy and Astrophysics*, **2018**, 618, A37	5.1	17
142	A Strong Jet Signature in the Late-time Light Curve of GW170817. *Astrophysical Journal Letters*, **2018**, 868, L11	7.9	85
141	From to Radio: The Electromagnetic Counterpart of GW170817. *Astrophysical Journal*, **2018**, 867, 18	4.7	56
140	A Turnover in the Radio Light Curve of GW170817. *Astrophysical Journal Letters*, **2018**, 858, L15	7.9	97
139	A Case Study of On-the-fly Wide-field Radio Imaging Applied to the Gravitational Wave Event GW151226. *Astrophysical Journal*, **2018**, 857, 143	4.7	7
138	iPTF 16hgs: A Double-peaked Ca-rich Gap Transient in a Metal-poor, Star-forming Dwarf Galaxy. *Astrophysical Journal*, **2018**, 866, 72	4.7	21
137	PTF11mnb: First analog of supernova 2005bf. *Astronomy and Astrophysics*, **2018**, 609, A106	5.1	15
136	The first direct double neutron star merger detection: Implications for cosmic nucleosynthesis. *Astronomy and Astrophysics*, **2018**, 615, A132	5.1	88
135	A hot and fast ultra-stripped supernova that likely formed a compact neutron star binary. *Science*, **2018**, 362, 201-206	33.3	55
134	A UV resonance line echo from a shell around a hydrogen-poor superluminous supernova. *Nature Astronomy*, **2018**, 2, 887-895	12.1	27
133	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	4.7	36
132	An Optical and Infrared Time-domain Study of the Supergiant Fast X-Ray Transient Candidate IC 10 X-2. *Astrophysical Journal*, **2018**, 856, 38	4.7	1

131	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. *Astrophysical Journal*, **2017**, 836, 158	4.7	49
130	Confined dense circumstellar material surrounding a regular type II supernova. *Nature Physics*, **2017**, 13, 510-517	16.2	145
129	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. *Science*, **2017**, 356, 291-295	33.3	96
128	Far-ultraviolet to Near-infrared Spectroscopy of a Nearby Hydrogen-poor Superluminous Supernova Gaia16apd. *Astrophysical Journal*, **2017**, 840, 57	4.7	45
127	Two New Calcium-rich Gap Transients in Group and Cluster Environments. *Astrophysical Journal*, **2017**, 836, 60	4.7	45
126	SPIRITS 15c and SPIRITS 14buu: Two Obscured Supernovae in the Nearby Star-forming Galaxy IC 2163. *Astrophysical Journal*, **2017**, 837, 167	4.7	14
125	Color Me Intrigued: The Discovery of iPTF 16fnm, an SN 2002cx-like Object. *Astrophysical Journal*, **2017**, 848, 59	4.7	22
124	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. *Nature*, **2017**, 551, 67-70	50.4	444
123	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. *Science*, **2017**, 358, 1559-1565	33.3	414
122	and observations of GW170817: Detection of a blue kilonova. *Science*, **2017**, 358, 1565-1570	33.3	286
121	A radio counterpart to a neutron star merger. *Science*, **2017**, 358, 1579-1583	33.3	302
120	Infrared Emission from Kilonovae: The Case of the Nearby Short Hard Burst GRB 160821B. *Astrophysical Journal Letters*, **2017**, 843, L34	7.9	32
119	The bumpy light curve of Type IIn supernova iPTF13z over 3 years. *Astronomy and Astrophysics*, **2017**, 605, A6	5.1	32
118	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. *Astrophysical Journal*, **2017**, 844, 46	4.7	76
117	SPIRITS: Uncovering Unusual Infrared Transients withSpitzer. *Astrophysical Journal*, **2017**, 839, 88	4.7	54
116	First Detection of Mid-infrared Variability from an Ultraluminous X-Ray Source Holmberg II X-1. *Astrophysical Journal Letters*, **2017**, 838, L17	7.9	7
115	Energetic eruptions leading to a peculiar hydrogen-rich explosion of a massive star. *Nature*, **2017**, 551, 210-213	50.4	88
114	ON THE EARLY-TIME EXCESS EMISSION IN HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE. *Astrophysical Journal*, **2017**, 835, 58	4.7	46

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