Iair Arcavi

List of Publications by Year
in descending order

180 papers	12,459 citations	17429 63 h-index	27389 106 g-index
182 all docs	182 docs citations	182 times ranked	5112 citing authors

#	Article	IF	Citations
1	A detailed spectroscopic study of tidal disruption events. Astronomy and Astrophysics, 2022, 659, A34.	2.1	21
2	How much hydrogen is in Type Ib and IIb supernova progenitors?. Monthly Notices of the Royal Astronomical Society, 2022, 511, 691-712.	1.6	18
3	Infant-phase reddening by surface Fe-peak elements in a normal type Ia supernova. Nature Astronomy, 2022, 6, 568-576.	4.2	17
4	Circumstellar Interaction Powers the Light Curves of Luminous Rapidly Evolving Optical Transients. Astrophysical Journal, 2022, 926, 125.	1.6	20
5	Linking Extragalactic Transients and Their Host Galaxy Properties: Transient Sample, Multiwavelength Host Identification, and Database Construction. Astrophysical Journal, Supplement Series, 2022, 259, 13.	3.0	6
6	SOAR/Goodman Spectroscopic Assessment of Candidate Counterparts of the LIGO/Virgo Event GW190814*. Astrophysical Journal, 2022, 929, 115.	1.6	9
7	Evolution of a Peculiar Type Ibn Supernova SN 2019wep. Astrophysical Journal, 2022, 930, 127.	1.6	2
8	SNâ€‰2020acat: an energetic fast rising Type IIb supernova. Monthly Notices of the Royal Astronomical Society, 2022, 513, 5540-5558.	1.6	3
9	The Host Galaxy and Rapidly Evolving Broad-line Region in the Changing-look Active Galactic Nucleus 1ES 1927+654. Astrophysical Journal, 2022, 933, 70.	1.6	11
10	Delayed radio flares from a tidal disruption event. Nature Astronomy, 2021, 5, 491-497.	4.2	31
11	AT 2019avd: a novel addition to the diverse population of nuclear transients. Astronomy and Astrophysics, 2021, 647, A9.	2.1	21
12	The excess of cool supergiants from contemporary stellar evolution models defies the metallicity-independent Humphreysâ€“Davidson limit. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1884-1896.	1.6	23
13	The Fast-evolving Type Ib Supernova SN 2015dj in NGC 7371. Astrophysical Journal, 2021, 909, 100.	1.6	2
14	Accretion disc cooling and narrow absorption lines in the tidal disruption event ATâ€‰2019dsg. Monthly Notices of the Royal Astronomical Society, 2021, 504, 792-815.	1.6	30
15	Low-redshift Type Ia Supernova from the LSQ/LCO Collaboration. Publications of the Astronomical Society of the Pacific, 2021, 133, 044002.	1.0	2
16	Luminous Type II Short-Plateau Supernovae 2006Y, 2006ai, and 2016egz: A Transitional Class from Stripped Massive Red Supergiants. Astrophysical Journal, 2021, 913, 55.	1.6	20
17	Distinguishing Tidal Disruption Events from Impostors. Space Science Reviews, 2021, 217, 1.	3.7	25
18	The 450 Day X-Ray Monitoring of the Changing-look AGN 1ES 1927+654. Astrophysical Journal, Supplement Series, 2021, 255, 7.	3.0	32

#	Article	IF	Citations
19	Editorial to the Topical Collection: The Tidal Disruption of Stars by Massive Black Holes. Space Science Reviews, 2021, 217, 1.	3.7	0
20	The electron-capture origin of supernova 2018zd. Nature Astronomy, 2021, 5, 903-910.	4.2	47
21	Type Ic supernovae from the (intermediate) Palomar Transient Factory. Astronomy and Astrophysics, 2021, 651, A81.	2.1	19
22	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
23	SN2017jgh: a high-cadence complete shock cooling light curve of a SNÂIIb with the Kepler telescope. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3125-3138.	1.6	7
24	The Gravity Collective: A Search for the Electromagnetic Counterpart to the Neutron Starâ€“Black Hole Merger GW190814. Astrophysical Journal, 2021, 923, 258.	1.6	19
25	An outflow powers the optical rise of the nearby, fast-evolving tidal disruption event AT2019qiz. Monthly Notices of the Royal Astronomical Society, 2020, 499, 482-504.	1.6	58
26	The Tidal Disruption Event ATâ€‰2018hyz II: Light-curve modelling of a partially disrupted star. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1925-1934.	1.6	25
27	The Destruction and Recreation of the X-Ray Corona in a Changing-look Active Galactic Nucleus. Astrophysical Journal Letters, 2020, 898, L1.	3.0	86
28	The low-luminosity Type II SNâ€‰2016aqf: a well-monitored spectral evolution of the Ni/Fe abundance ratio. Monthly Notices of the Royal Astronomical Society, 2020, 497, 361-377.	1.6	10
29	Optical-Ultraviolet Tidal Disruption Events. Space Science Reviews, 2020, 216, 1.	3.7	99
30	The tidal disruption event ATâ€‰2018hyz â€“ I. Double-peaked emission lines and a flat Balmer decrement. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4119-4133.	1.6	35
31	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
32	SNÂ2017ivv: two years of evolution of a transitional Type II supernova. Monthly Notices of the Royal Astronomical Society, 2020, 499, 974-992.	1.6	7
33	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
34	Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068. Astrophysical Journal, 2020, 895, 31.	1.6	14
35	SN 2017cfd: A Normal Type Ia Supernova Discovered Very Young. Astrophysical Journal, 2020, 892, 142.	1.6	9
36	The Structure of Tidal Disruption Event Host Galaxies on Scales of Tens to Thousands of Parsecs. Astrophysical Journal, 2020, 891, 93.	1.6	23

#	Article	IF	Citations
37	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
38	Flash Ionization Signatures in the Type Ibn Supernova SN 2019uo. Astrophysical Journal, 2020, 889, 170.	1.6	15
39	Supernova 2018cuf: A Type IIP Supernova with a Slow Fall from Plateau. Astrophysical Journal, 2020, 906, 56.	1.6	12
40	The Gravitational Wave Treasure Map: A Tool to Coordinate, Visualize, and Assess the Electromagnetic Follow-up of Gravitational-wave Events. Astrophysical Journal, 2020, 894, 127.	1.6	26
41	The Young and Nearby Normal Type Ia Supernova 2018gv: UV-optical Observations and the Earliest Spectropolarimetry. Astrophysical Journal, 2020, 902, 46.	1.6	32
42	Searches after Gravitational Waves Using ARizona Observatories (SAGUARO): System Overview and First Results from Advanced LIGO/Virgoâ€™s Third Observing Run. Astrophysical Journal Letters, 2019, 881, L26.	3.0	41
43	New regimes in the observation of core-collapse supernovae. Nature Astronomy, 2019, 3, 717-724.	4.2	45
44	SN 2015an: a normal luminosity type II supernova with low expansion velocity at early phases. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1605-1619.	1.6	4
45	The Type II-P Supernova 2017eaw: From Explosion to the Nebular Phase. Astrophysical Journal, 2019, 876, 19.	1.6	42
46	Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations. Astrophysical Journal, 2019, 870, 12.	1.6	60
47	Type Ibn Supernovae May not all Come from Massive Stars. Astrophysical Journal Letters, 2019, 871, L9.	3.0	32
48	A fast radio burst with frequency-dependent polarization detected during Breakthrough Listen observations. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3636-3646.	1.6	31
49	Analysis of broad-lined Type Ic supernovae from the (intermediate) Palomar Transient Factory. Astronomy and Astrophysics, 2019, 621, A71.	2.1	59
50	Discovery and follow-up of the unusual nuclear transient OGLE17aaj. Astronomy and Astrophysics, 2019, 622, L2.	2.1	22
51	The Broad Absorption Line Tidal Disruption Event iPTF15af: Optical and Ultraviolet Evolution. Astrophysical Journal, 2019, 873, 92.	1.6	69
52	K2 Observations of SN 2018oh Reveal a Two-component Rising Light Curve for a Type Ia Supernova. Astrophysical Journal Letters, 2019, 870, L1.	3.0	80
53	Signatures of circumstellar interaction in the Type IIL supernova ASASSN-15oz. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5120-5141.	1.6	23
54	The diverse lives of progenitors of hydrogen-rich core-collapse supernovae: the role of binary interaction. Astronomy and Astrophysics, 2019, 631, A5.	2.1	35

#	Article	IF	Citations
55	Red and Reddened: Ultraviolet through Near-infrared Observations of Type Ia Supernova 2017erp*. Astrophysical Journal, 2019, 877, 152.	1.6	22
56	1ES 1927+654: An AGN Caught Changing Look on a Timescale of Months. Astrophysical Journal, 2019, 883, 94.	1.6	95
57	A new class of flares from accreting supermassive black holes. Nature Astronomy, 2019, 3, 242-250.	4.2	57
58	A luminous stellar outburst during a long-lasting eruptive phase first, and then SN IIn 2018cnf. Astronomy and Astrophysics, 2019, 628, A93.	2.1	13
59	The Spectral Evolution of AT 2018dyb and the Presence of Metal Lines in Tidal Disruption Events. Astrophysical Journal, 2019, 887, 218.	1.6	72
60	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am^{â^—}. Astrophysical Journal, 2018, 853, 62.	1.6	87
61	The First Hours of the GW170817 Kilonova and the Importance of Early Optical and Ultraviolet Observations for Constraining Emission Models. Astrophysical Journal Letters, 2018, 855, L23.	3.0	87
62	Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. Astrophysical Journal, 2018, 860, 100.	1.6	105
63	Short-lived Circumstellar Interaction in the Low-luminosity Type IIP SN 2016bkv. Astrophysical Journal, 2018, 861, 63.	1.6	52
64	A nearby super-luminous supernova with a long pre-maximum & â€œplateauâ€•and strong Câ€¯II features. Astronomy and Astrophysics, 2018, 620, A67.	2.1	36
65	Oxygen and helium in stripped-envelope supernovae. Astronomy and Astrophysics, 2018, 618, A37.	2.1	26
66	Optical observations of the 2002cx-like supernova 2014ek and characterizations of SNe Iax. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4575-4589.	1.6	9
67	SN 2015ba: a Type IIP supernova with a long plateau. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2421-2442.	1.6	14
68	Astrophysics with New Horizons: Making the Most of a Generational Opportunity. Publications of the Astronomical Society of the Pacific, 2018, 130, 115001.	1.0	10
69	Type II supernovae in low-luminosity host galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3232-3253.	1.6	26
70	On the nature of hydrogen-rich superluminous supernovae. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1046-1072.	1.6	65
71	SN 2016X: a type II-P supernova with a signature of shock breakout from explosion of a massive red supergiant. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3959-3973.	1.6	24
72	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. Astrophysical Journal, 2017, 836, 158.	1.6	79

#	Article	IF	Citations
73	The Post-starburst Evolution of Tidal Disruption Event Host Galaxies. Astrophysical Journal, 2017, 835, 176.	1.6	48
74	Confined dense circumstellar material surrounding a regular type II supernova. Nature Physics, 2017, 13, 510-517.	6.5	221
75	Revisiting Optical Tidal Disruption Events with iPTF16axa. Astrophysical Journal, 2017, 842, 29.	1.6	124
76	Discovery and Follow-up Observations of the Young Type Ia Supernova 2016coj. Astrophysical Journal, 2017, 841, 64.	1.6	16
77	Early observations of the nearby Type Ia supernova SNÂ2015F. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4476-4494.	1.6	33
78	The superluminous transient ASASSN-15lh as a tidal disruption event from a Kerr black hole. Nature Astronomy, 2017, 1, .	4.2	154
79	Optical emission from a kilonova following a gravitational-wave-detected neutron-star merger. Nature, 2017, 551, 64-66.	13.7	417
80	The Rapid Reddening and Featureless Optical Spectra of the Optical Counterpart of GW170817, AT 2017gfo, during the First Four Days. Astrophysical Journal Letters, 2017, 848, L32.	3.0	129
81	Optical Follow-up of Gravitational-wave Events with Las Cumbres Observatory. Astrophysical Journal Letters, 2017, 848, L33.	3.0	80
82	iPTF16fnl: A Faint and Fast Tidal Disruption Event in an E+A Galaxy. Astrophysical Journal, 2017, 844, 46.	1.6	111
83	Early Blue Excess from the Type Ia Supernova 2017cbv and Implications for Its Progenitor. Astrophysical Journal Letters, 2017, 845, L11.	3.0	120
84	Numerically Modeling the First Peak of the Type IIb SN 2016gkg. Astrophysical Journal, 2017, 846, 94.	1.6	19
85	Energetic eruptions leading to a peculiar hydrogen-rich explosion of a massive star. Nature, 2017, 551, 210-213.	13.7	112
86	LSQ14efd: observations of the cooling of a shock break-out event in a type Ic Supernova. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2463-2480.	1.6	10
87	ON THE EARLY-TIME EXCESS EMISSION IN HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE. Astrophysical Journal, 2017, 835, 58.	1.6	61
88	Constraints on the Progenitor of SN 2016gkg from Its Shock-cooling Light Curve. Astrophysical Journal Letters, 2017, 837, L2.	3.0	49
89	Hydrogen-Rich Core-Collapse Supernovae. , 2017, , 239-276.		11
90	Nebular-phase spectra of nearby Type Ia Supernovae. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3437-3454.	1.6	53

#	Article	IF	Citations
91	X-Ray Brightening and UV Fading of Tidal Disruption Event ASASSN-15oi. Astrophysical Journal Letters, 2017, 851, L47.	3.0	93
92	Clues to the nature of SN 2009ip â€“ II. The continuing photometric and spectroscopic evolution to 1000Âdays. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1559-1572.	1.6	24
93	The Progenitor and Early Evolution of the Type IIb SN 2016gkg. Astrophysical Journal Letters, 2017, 836, L12.	3.0	49
94	OPTICAL AND ULTRAVIOLET OBSERVATIONS OF THE VERY YOUNG TYPE IIP SN 2014cx IN NGC 337. Astrophysical Journal, 2016, 832, 139.	1.6	19
95	M31N 2008-12aâ€”THE REMARKABLE RECURRENT NOVA IN M31: PANCHROMATIC OBSERVATIONS OF THE 2015 ERUPTION. Astrophysical Journal, 2016, 833, 149.	1.6	50
96	The diversity of Type II supernova versus the similarity in their progenitors. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3939-3962.	1.6	227
97	TYPE II SUPERNOVA ENERGETICS AND COMPARISON OF LIGHT CURVES TO SHOCK-COOLING MODELS. Astrophysical Journal, 2016, 820, 33.	1.6	75
98	THE DETECTION RATE OF EARLY UV EMISSION FROM SUPERNOVAE: A DEDICATED GALEX/PTF SURVEY AND CALIBRATED THEORETICAL ESTIMATES. Astrophysical Journal, 2016, 820, 57.	1.6	35
99	RAPIDLY RISING TRANSIENTS IN THE SUPERNOVAâ€”SUPERLUMINOUS SUPERNOVA GAP. Astrophysical Journal, 2016, 819, 35.	1.6	122
100	The multifaceted Type II-L supernova 2014G from pre-maximum to nebular phase. Monthly Notices of the Royal Astronomical Society, 2016, 462, 137-157.	1.6	55
101	FLASH SPECTROSCOPY: EMISSION LINES FROM THE IONIZED CIRCUMSTELLAR MATERIAL AROUND <10-DAY-OLD TYPE II SUPERNOVAE. Astrophysical Journal, 2016, 818, 3.	1.6	161
102	The bolometric light curves and physical parameters of stripped-envelope supernovae. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2973-3002.	1.6	115
103	Optical and near-infrared observations of SN 2014ck: an outlier among the Type Iax supernovae. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1018-1038.	1.6	29
104	AN ULTRAVIOLET SPECTRUM OF THE TIDAL DISRUPTION FLARE ASASSN-14li. Astrophysical Journal Letters, 2016, 818, L32.	3.0	55
105	TIDAL DISRUPTION EVENTS PREFER UNUSUAL HOST GALAXIES. Astrophysical Journal Letters, 2016, 818, L21.	3.0	147
106	Hydrogen-Rich Core-Collapse Supernovae. , 2016, , 1-38.		3
107	PTF12os and iPTF13bvn. Astronomy and Astrophysics, 2016, 593, A68.	2.1	136
108	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. Astrophysical Journal, 2016, 826, 39.	1.6	133

#	Article	IF	Citations
109	SUPERLUMINOUS SUPERNOVA SN 2015bn IN THE NEBULAR PHASE: EVIDENCE FOR THE ENGINE-POWERED EXPLOSION OF A STRIPPED MASSIVE STAR. Astrophysical Journal Letters, 2016, 828, L18.	3.0	88
110	Supernova 2013by: a Type IIL supernova with a IIP-like light-curveÂdropâ˜…. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2608-2616.	1.6	74
111	SEARCH FOR PRECURSOR ERUPTIONS AMONG TYPE IIB SUPERNOVAE. Astrophysical Journal, 2015, 811, 117.	1.6	26
112	iPTF14yb: THE FIRST DISCOVERY OF A GAMMA-RAY BURST AFTERGLOW INDEPENDENT OF A HIGH-ENERGY TRIGGER. Astrophysical Journal Letters, 2015, 803, L24.	3.0	50
113	Did the progenitor of SN 2011dh have a binary companion?. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2580-2585.	1.6	38
114	Strong near-infrared carbon in the Type Ia supernova iPTF13ebh. Astronomy and Astrophysics, 2015, 578, A9.	2.1	68
115	A strong ultraviolet pulse from a newborn type Ia supernova. Nature, 2015, 521, 328-331.	13.7	157
116	SNÂHuntÂ248: a super-Eddington outburst from a massive cool hypergiant. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1922-1934.	1.6	31
117	THE NEEDLE IN THE 100 deg²HAYSTACK: UNCOVERING AFTERGLOWS OFFERMIGRBs WITH THE PALOMAR TRANSIENT FACTORY. Astrophysical Journal, 2015, 806, 52.	1.6	43
118	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THEFERMILAT. Astrophysical Journal, 2015, 807, 169.	1.6	26
119	The rise and fall of the Type Ib supernova iPTF13bvn. Astronomy and Astrophysics, 2014, 565, A114.	2.1	62
120	INTERACTION-POWERED SUPERNOVAE: RISE-TIME VERSUS PEAK-LUMINOSITY CORRELATION AND THE SHOCK-BREAKOUT VELOCITY. Astrophysical Journal, 2014, 788, 154.	1.6	62
121	iPTF13beo: the double-peaked light curve of a Type Ibn supernova discovered shortly after explosion. Monthly Notices of the Royal Astronomical Society, 2014, 443, 671-677.	1.6	30
122	SN 2010MB: DIRECT EVIDENCE FOR A SUPERNOVA INTERACTING WITH A LARGE AMOUNT OF HYDROGEN-FREE CIRCUMSTELLAR MATERIAL. Astrophysical Journal, 2014, 785, 37.	1.6	54
123	PRECURSORS PRIOR TO TYPE IIn SUPERNOVA EXPLOSIONS ARE COMMON: PRECURSOR RATES, PROPERTIES, AND CORRELATIONS. Astrophysical Journal, 2014, 789, 104.	1.6	175
124	Optical follow-up observations of PTF10qts, a luminous broad-lined TypeÂIc supernova found by the Palomar Transient Factory. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2768-2779.	1.6	21
125	SN 2010jl: OPTICAL TO HARD X-RAY OBSERVATIONS REVEAL AN EXPLOSION EMBEDDED IN A TEN SOLAR MASS COCOON. Astrophysical Journal, 2014, 781, 42.	1.6	110
126	The host galaxies of Type Ia supernovae discovered by the Palomar Transient Factory. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1391-1416.	1.6	93

#	Article	IF	Citations
127	A MULTI-WAVELENGTH INVESTIGATION OF THE RADIO-LOUD SUPERNOVA PTF11qcj AND ITS CIRCUMSTELLAR ENVIRONMENT. Astrophysical Journal, 2014, 782, 42.	1.6	76
128	THE HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA iPTF 13ajg AND ITS HOST GALAXY IN ABSORPTION AND EMISSION. Astrophysical Journal, 2014, 797, 24.	1.6	92
129	A CONTINUUM OF H- TO He-RICH TIDAL DISRUPTION CANDIDATES WITH A PREFERENCE FOR E+A GALAXIES. Astrophysical Journal, 2014, 793, 38.	1.6	332
130	THE RISE OF SN 2014J IN THE NEARBY GALAXY M82. Astrophysical Journal Letters, 2014, 784, L12.	3.0	104
131	A Wolfâ€“Rayet-like progenitor of SNâ€‰2013cu from spectral observations of a stellar wind. Nature, 2014, 509, 471-474.	13.7	250
132	An outburst from a massive star 40â€‰days before a supernova explosion. Nature, 2013, 494, 65-67.	13.7	183
133	TYPE Ia SUPERNOVAE STRONGLY INTERACTING WITH THEIR CIRCUMSTELLAR MEDIUM. Astrophysical Journal, Supplement Series, 2013, 207, 3.	3.0	180
134	SNÂ2000cx and SNÂ2013bh: extremely rare, nearly twin Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1225-1237.	1.6	17
135	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. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1258-1267.	1.6	64
136	Five new outbursting AM CVn systems discovered by the Palomar Transient Factory. Monthly Notices of the Royal Astronomical Society, 2013, 430, 996-1007.	1.6	24
137	MILLIONS OF MULTIPLES: DETECTING AND CHARACTERIZING CLOSE-SEPARATION BINARY SYSTEMS IN SYNOPTIC SKY SURVEYS. Astrophysical Journal, Supplement Series, 2013, 206, 18.	3.0	16
138	DISCOVERY, PROGENITOR AND EARLY EVOLUTION OF A STRIPPED ENVELOPE SUPERNOVA iPTF13bvn. Astrophysical Journal Letters, 2013, 775, L7.	3.0	169
139	SUPERNOVA 2003ie WAS LIKELY A FAINT TYPE IIP EVENT. Astronomical Journal, 2013, 145, 99.	1.9	3
140	THE MID-INFRARED LIGHT CURVE OF NEARBY CORE-COLLAPSE SUPERNOVA SN 2011dh (PTF 11eon). Astrophysical Journal Letters, 2013, 778, L19.	3.0	19
141	The UV/optical spectra of the Type Ia supernova SNâ€‰2010jn: a bright supernova with outer layers rich in iron-group elements. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2228-2248.	1.6	48
142	DISCOVERY AND REDSHIFT OF AN OPTICAL AFTERGLOW IN 71 deg ² : iPTF13bxl AND GRB 130702A. Astrophysical Journal Letters, 2013, 776, L34.	3.0	52
143	PTF 12gzkâ€”A RAPIDLY DECLINING, HIGH-VELOCITY TYPE Ic RADIO SUPERNOVA. Astrophysical Journal, 2013, 778, 63.	1.6	18
144	X-RAY EMISSION FROM SUPERNOVAE IN DENSE CIRCUMSTELLAR MATTER ENVIRONMENTS: A SEARCH FOR COLLISIONLESS SHOCKS. Astrophysical Journal, 2013, 763, 42.	1.6	61

#	Article	IF	Citations
145	The first month of evolution of the slow-rising Type IIP SN 2013ej in M74. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 438, L101-L105.	1.2	124
146	CALCIUM-RICH GAP TRANSIENTS IN THE REMOTE OUTSKIRTS OF GALAXIES. Astrophysical Journal, 2012, 755, 161.	1.6	174
147	DISCOVERY AND EARLY MULTI-WAVELENGTH MEASUREMENTS OF THE ENERGETIC TYPE IC SUPERNOVA PTF12GZK: A MASSIVE-STAR EXPLOSION IN A DWARF HOST GALAXY. Astrophysical Journal Letters, 2012, 760, L33.	3.0	42
148	CALTECH CORE-COLLAPSE PROJECT (CCCP) OBSERVATIONS OF TYPE IIn SUPERNOVAE: TYPICAL PROPERTIES AND IMPLICATIONS FOR THEIR PROGENITOR STARS. Astrophysical Journal, 2012, 744, 10.	1.6	231
149	CALTECH CORE-COLLAPSE PROJECT (CCCP) OBSERVATIONS OF TYPE II SUPERNOVAE: EVIDENCE FOR THREE DISTINCT PHOTOMETRIC SUBTYPES. Astrophysical Journal Letters, 2012, 756, L30.	3.0	127
150	EVIDENCE FOR A COMPACT WOLF-RAYET PROGENITOR FOR THE TYPE Ic SUPERNOVA PTF 10vgv. Astrophysical Journal Letters, 2012, 747, L5.	3.0	36
151	ANALYSIS OF THE EARLY-TIME OPTICAL SPECTRA OF SN 2011fe IN M101. Astrophysical Journal Letters, 2012, 752, L26.	3.0	75
152	THE RED SUPERGIANT PROGENITOR OF SUPERNOVA 2012aw (PTF12bvh) IN MESSIER 95. Astrophysical Journal, 2012, 756, 131.	1.6	76
153	The Palomar Transient Factory photometric catalog 1.0. Publications of the Astronomical Society of the Pacific, 2012, 124, 854-860.	1.0	63
154	Near-infrared observations of Type Ia supernovae: the best known standard candle for cosmology. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1007-1012.	1.6	64
155	Hubble Space Telescopestudies of low-redshift Type Ia supernovae: evolution with redshift and ultraviolet spectral trends. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2359-2379.	1.6	91
156	SN 2010jp (PTF10aaxi): a jet in a Type II supernova. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1135-1144.	1.6	51
157	PTF10iya: a short-lived, luminous flare from the nuclear region of a star-forming galaxy. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2684-2699.	1.6	78
158	Type II SN Light Curves from the Caltech Core Collapse Project. Proceedings of the International Astronomical Union, 2011, 7, 431-453.	0.0	0
159	The Flavours of SN II Light Curves. Proceedings of the International Astronomical Union, 2011, 7, 34-39.	0.0	2
160	SN 2010jp (PTF10aaxi): A Jet-driven Type II Supernova. Proceedings of the International Astronomical Union, 2011, 7, 159-166.	0.0	0
161	PTF 10bzf (SN 2010ah): A BROAD-LINE Ic SUPERNOVA DISCOVERED BY THE PALOMAR TRANSIENT FACTORY. Astrophysical Journal, 2011, 741, 76.	1.6	33
162	THE FIRST SYSTEMATIC STUDY OF TYPE Ibc SUPERNOVA MULTI-BAND LIGHT CURVES. Astrophysical Journal, 2011, 741, 97.	1.6	305

#	Article	IF	Citations
163	SN 2011dh: DISCOVERY OF A TYPE IIb SUPERNOVA FROM A COMPACT PROGENITOR IN THE NEARBY GALAXY M51. Astrophysical Journal Letters, 2011, 742, L18.	3.0	156
164	THE PROGENITOR OF SUPERNOVA 2011dh/PTF11eon IN MESSIER 51. Astrophysical Journal Letters, 2011, 741, L28.	3.0	115
165	PTF 10fqs: A LUMINOUS RED NOVA IN THE SPIRAL GALAXY MESSIER 99. Astrophysical Journal, 2011, 730, 134.	1.6	55
166	THE SUBLUMINOUS AND PECULIAR TYPE Ia SUPERNOVA PTF 09dav. Astrophysical Journal, 2011, 732, 118.	1.6	61
167	AN EMERGING CLASS OF BRIGHT, FAST-EVOLVING SUPERNOVAE WITH LOW-MASS EJECTA. Astrophysical Journal, 2011, 730, 89.	1.6	38
168	PTF10ops - a subluminous, normal-width light curve Type Ia supernova in the middle of nowhere. Monthly Notices of the Royal Astronomical Society, 2011, 418, 747-758.	1.6	43
169	SN 2009md: another faint supernova from a low-mass progenitor. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1417-1433.	1.6	97
170	Hydrogen-poor superluminous stellar explosions. Nature, 2011, 474, 487-489.	13.7	440
171	REAL-TIME DETECTION AND RAPID MULTIWAVELENGTH FOLLOW-UP OBSERVATIONS OF A HIGHLY SUBLUMINOUS TYPE II-P SUPERNOVA FROM THE PALOMAR TRANSIENT FACTORY SURVEY. Astrophysical Journal, 2011, 736, 159.	1.6	81
172	SUPERNOVA PTF 09UJ: A POSSIBLE SHOCK BREAKOUT FROM A DENSE CIRCUMSTELLAR WIND. Astrophysical Journal, 2010, 724, 1396-1401.	1.6	152
173	ON THE PROGENITOR AND EARLY EVOLUTION OF THE TYPE II SUPERNOVA 2009kr. Astrophysical Journal Letters, 2010, 714, L280-L284.	3.0	66
174	RAPIDLY DECAYING SUPERNOVA 2010X: A CANDIDATE â€œIaâ€•EXPLOSION. Astrophysical Journal Letters, 2010, 723, L98-L102.	3.0	126
175	A faint type of supernova from a white dwarf with a helium-rich companion. Nature, 2010, 465, 322-325.	13.7	273
176	CORE-COLLAPSE SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: INDICATIONS FOR A DIFFERENT POPULATION IN DWARF GALAXIES. Astrophysical Journal, 2010, 721, 777-784.	1.6	153
177	Supernova 2007bi as a pair-instability explosion. Nature, 2009, 462, 624-627.	13.7	399
178	OGLE16aaa - a Signature of a Hungry Super Massive Black Hole. Monthly Notices of the Royal Astronomical Society: Letters, 0, , .	1.2	40
179	ATÂ2017be - a new member of the class of Intermediate-Luminosity Red Transients. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	6
180	How a Starâ€™s Death Can Reveal a Black Hole. Frontiers for Young Minds, 0, 9, .	0.8	0