

# Kate Maguire

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134  
papers

7,033  
citations

48  
h-index

80  
g-index

144  
ext. papers

8,073  
ext. citations

6.9  
avg, IF

5.03  
L-index

#	Paper	IF	Citations
134	Close, bright, and boxy: the superluminous SN 2018hti. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 512, 4484-4502	4.3	0
133	Constraining Type Ia supernova explosions and early flux excesses with the Zwicky Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 512, 1317-1340	4.3	2
132	Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. <i>Astrophysical Journal, Supplement Series</i> , <b>2022</b> , 260, 18	8	2
131	Faintest of Them All: ZTF 21aoryiz/SN 2021fcg Discovery of an Extremely Low Luminosity Type Ia Supernova. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 921, L6	7.9	0
130	Luminous Type II Short-Plateau Supernovae 2006Y, 2006ai, and 2016egz: A Transitional Class from Stripped Massive Red Supergiants. <i>Astrophysical Journal</i> , <b>2021</b> , 913, 55	4.7	5
129	Core-collapse supernova subtypes in luminous infrared galaxies. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A134	5.1	1
128	Probing the progenitors of Type Ia supernovae using circumstellar material interaction signatures. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 4367-4388	4.3	2
127	Exploring the diversity of double-detonation explosions for Type Ia supernovae: effects of the post-explosion helium shell composition. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 3533-3553	4.3	6
126	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> , <b>2021</b> , 255, 29	8	16
125	The tidal disruption event AT 2018hyz II. Double-peaked emission lines and a flat Balmer decrement. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 4119-4133	4.3	15
124	SN 2017ivv: two years of evolution of a transitional Type II supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 974-992	4.3	4
123	DES16C3cje: A low-luminosity, long-lived supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 95-110	4.3	5
122	Tidal Disruptions of White Dwarfs: Theoretical Models and Observational Prospects. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	6
121	LSQ13ddu: a rapidly evolving stripped-envelope supernova with early circumstellar interaction signatures. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 2208-2228	4.3	10
120	Observations of the low-luminosity Type Ia supernova 2019gsc: a fainter clone of SN 2008ha?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 1132-1143	4.3	5
119	Determining the $^{56}\text{Ni}$ distribution of type Ia supernovae from observations within days of explosion. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 634, A37	5.1	19
118	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yvq. <i>Astrophysical Journal</i> , <b>2020</b> , 898, 56	4.7	12

117	The rise and fall of an extraordinary Ca-rich transient. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 635, A186	5.1	7
116	Observational constraints on the optical and near-infrared emission from the neutron star/black hole binary merger candidate S190814bv. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 643, A113	5.1	39
115	An investigation of $^{56}\text{Ni}$ shells as the source of early light curve bumps in type Ia supernovae. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, A189	5.1	9
114	PS15cey and PS17cke: prospective candidates from the Pan-STARRS Search for kilonovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 4213-4228	4.3	9
113	SN 2019muj is a well-observed Type Ia supernova that bridges the luminosity gap of the class. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 501, 1078-1099	4.3	6
112	SN 2018gix reveals that some SNe Ibn are SNe Iib exploding in dense circumstellar material. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 1450-1467	4.3	5
111	A year-long plateau in the late-time near-infrared light curves of type Ia supernovae. <i>Nature Astronomy</i> , <b>2020</b> , 4, 188-195	12.1	7
110	Monte Carlo radiative transfer for the nebular phase of Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 2029-2043	4.3	11
109	Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations. <i>Astrophysical Journal</i> , <b>2019</b> , 870, 12	4.7	34
108	Delayed Circumstellar Interaction for Type Ia SN 2015cp Revealed by an HST Ultraviolet Imaging Survey. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 62	4.7	26
107	The volumetric rate of normal type Ia supernovae in the local Universe discovered by the Palomar Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 2308-2320	4.3	20
106	Investigating the properties of stripped-envelope supernovae; what are the implications for their progenitors?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 1559-1578	4.3	57
105	Discovery and follow-up of the unusual nuclear transient OGLE17aaj. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 622, L2	5.1	13
104	Observational properties of thermonuclear supernovae. <i>Nature Astronomy</i> , <b>2019</b> , 3, 706-716	12.1	48
103	ASASSN-15pz: Revealing Significant Photometric Diversity among 2009dc-like, Peculiar SNe Ia. <i>Astrophysical Journal</i> , <b>2019</b> , 880, 35	4.7	14
102	Evidence for rapid disc formation and reprocessing in the X-ray bright tidal disruption event candidate AT 2018fyk. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 4816-4830	4.3	60
101	GRB 171010A/SN 2017htp: a GRB-SN at $z=0.33$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5366-5374	4.3	4
100	SN2018kzr: A Rapidly Declining Transient from the Destruction of a White Dwarf. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 885, L23	7.9	14

99	The Spectral Evolution of AT 2018dyb and the Presence of Metal Lines in Tidal Disruption Events. <i>Astrophysical Journal</i> , <b>2019</b> , 887, 218	4.7	41
98	Detecting the signatures of helium in type Iax supernovae. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 622, A102	5.1	12
97	Luminous red novae: Stellar mergers or giant eruptions?. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 630, A75	5.1	39
96	The evolution of luminous red nova AT 2017jfs in NGC 4470. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 625, L8	5.1	17
95	Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hbk. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 630, A76	5.1	21
94	Observation of inverse Compton emission from a long $\Gamma$ -ray burst. <i>Nature</i> , <b>2019</b> , 575, 459-463	5.0.4	80
93	SNe 2013K and 2013am: observed and physical properties of two slow, normal Type IIP events. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 1937-1959	4.3	17
92	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am. <i>Astrophysical Journal</i> , <b>2018</b> , 853, 62	4.7	47
91	The Volumetric Rate of Calcium-rich Transients in the Local Universe. <i>Astrophysical Journal</i> , <b>2018</b> , 858, 50	4.7	27
90	Type II supernovae in low-luminosity host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 3232-3253	4.3	23
89	The lowest-metallicity type II supernova from the highest-mass red supergiant progenitor. <i>Nature Astronomy</i> , <b>2018</b> , 2, 574-579	12.1	22
88	On the nature of hydrogen-rich superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 1046-1072	4.3	42
87	Using late-time optical and near-infrared spectra to constrain Type Ia supernova explosion properties. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 3567-3582	4.3	40
86	The Cow: Discovery of a Luminous, Hot, and Rapidly Evolving Transient. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 865, L3	7.9	97
85	Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. <i>Astrophysical Journal</i> , <b>2018</b> , 860, 100	4.7	71
84	Don't Blink: Constraining the Circumstellar Environment of the Interacting Type Ia Supernova 2015cp. <i>Astrophysical Journal</i> , <b>2018</b> , 868, 21	4.7	6
83	Limits on stable iron in Type Ia supernovae from near-infrared spectroscopy. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 620, A200	5.1	7
82	Nebular spectroscopy of SN 2014J: Detection of stable nickel in near-infrared spectra. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 619, A102	5.1	11

81	A nearby super-luminous supernova with a long pre-maximum & plateau and strong C II features. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 620, A67	5.1	18
80	SN 2017ens: The Metamorphosis of a Luminous Broadlined Type Ic Supernova into an SN IIn. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 867, L31	7.9	23
79	Three Hypervelocity White Dwarfs in Gaia DR2: Evidence for Dynamically Driven Double-degenerate Double-detonation Type Ia Supernovae. <i>Astrophysical Journal</i> , <b>2018</b> , 865, 15	4.7	101
78	Confined dense circumstellar material surrounding a regular type II supernova. <i>Nature Physics</i> , <b>2017</b> , 13, 510-517	16.2	145
77	The evolution of superluminous supernova LSQ14mo and its interacting host galaxy system. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 602, A9	5.1	47
76	Early observations of the nearby Type Ia supernova SN 2015F. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 4476-4494	4.3	22
75	The superluminous transient ASASSN-15lh as a tidal disruption event from a Kerr black hole. <i>Nature Astronomy</i> , <b>2017</b> , 1,	12.1	110
74	Hydrogen-rich supernovae beyond the neutrino-driven core-collapse paradigm. <i>Nature Astronomy</i> , <b>2017</b> , 1, 713-720	12.1	36
73	A kilonova as the electromagnetic counterpart to a gravitational-wave source. <i>Nature</i> , <b>2017</b> , 551, 75-79	50.4	420
72	Complexity in the light curves and spectra of slow-evolving superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 4642-4662	4.3	54
71	OGLE-2014-SN-131: A long-rising Type Ibn supernova from a massive progenitor. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 602, A93	5.1	17
70	LSQ14efd: observations of the cooling of a shock break-out event in a type Ic Supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 2463-2480	4.3	7
69	LONG-DURATION SUPERLUMINOUS SUPERNOVAE AT LATE TIMES. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 13	4.7	66
68	OGLE16aaa is a signature of a hungry supermassive black hole. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2017</b> , 465, L114-L118	4.3	29
67	The late-time light curve of the Type Ia supernova SN 2011fe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 3798-3812	4.3	33
66	Type Ia Supernovae <b>2017</b> , 293-316		9
65	Type Ia supernovae with and without blueshifted narrow Na iD lines how different is their structure?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 491-506	4.3	3
64	Observations of the GRB Afterglow ATLAS17aeu and Its Possible Association with GW 170104. <i>Astrophysical Journal</i> , <b>2017</b> , 850, 149	4.7	33

63	The Progenitor and Early Evolution of the Type IIb SN 2016gkg. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 836, L12	7.9	35
62	RADIO OBSERVATIONS OF A SAMPLE OF BROAD-LINE TYPE IC SUPERNOVAE DISCOVERED BY PTF/IPTF: A SEARCH FOR RELATIVISTIC EXPLOSIONS. <i>Astrophysical Journal</i> , <b>2016</b> , 830, 42	4.7	34
61	A SEARCH FOR AN OPTICAL COUNTERPART TO THE GRAVITATIONAL-WAVE EVENT GW151226. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 827, L40	7.9	35
60	TYPE II SUPERNOVA ENERGETICS AND COMPARISON OF LIGHT CURVES TO SHOCK-COOLING MODELS. <i>Astrophysical Journal</i> , <b>2016</b> , 820, 33	4.7	62
59	450 d of Type II SN 2013ej in optical and near-infrared. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 2003-2018	4.3	47
58	Searching for swept-up hydrogen and helium in the late-time spectra of 11 nearby Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 457, 3254-3265	4.3	54
57	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. <i>Astrophysical Journal</i> , <b>2016</b> , 826, 39	4.7	102
56	SUPERLUMINOUS SUPERNOVA SN 2015bn IN THE NEBULAR PHASE: EVIDENCE FOR THE ENGINE-POWERED EXPLOSION OF A STRIPPED MASSIVE STAR. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 828, L18	7.9	64
55	Type Ia Supernovae <b>2016</b> , 1-24		2
54	The type Iax supernova, SN 2015H. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 589, A89	5.1	43
53	Pan-STARRS and PESSTO search for an optical counterpart to the LIGO gravitational-wave source GW150914. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 4094-4116	4.3	45
52	OGLE-2013-SN-079: A LONELY SUPERNOVA CONSISTENT WITH A HELIUM SHELL DETONATION. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 799, L2	7.9	19
51	Interacting supernovae and supernova impostors. SN 2007sv: the major eruption of a massive star in UGC 5979. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 447, 117-131	4.3	19
50	Type Ia supernova spectral features in the context of their host galaxy properties. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 446, 354-368	4.3	30
49	The rising light curves of Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 446, 3895-3910	4.3	88
48	Near-infrared light curves of Type Ia supernovae: studying properties of the second maximum. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 448, 1345-1359	4.3	23
47	LSQ14bdq: A TYPE Ic SUPER-LUMINOUS SUPERNOVA WITH A DOUBLE-PEAKED LIGHT CURVE. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 807, L18	7.9	85
46	A comparative study of Type II-P and II-L supernova rise times as exemplified by the case of LSQ13cuw. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 582, A3	5.1	52

45	PESSTO: survey description and products from the first data release by the Public ESO Spectroscopic Survey of Transient Objects. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 579, A40	5.1	178
44	Supersolar Ni/Fe production in the Type IIP SN 2012ec. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 448, 2482-2494	4.3	39
43	On the diversity of superluminous supernovae: ejected mass as the dominant factor. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 3869-3893	4.3	123
42	Measuring nickel masses in Type Ia supernovae using cobalt emission in nebular phase spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 454, 3816-3842	4.3	55
41	Strong near-infrared carbon in the Type Ia supernova iPTF13ebh. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 578, A9	5.1	55
40	PTF11iqb: cool supergiant mass-loss that bridges the gap between Type IIIn and normal supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 1876-1896	4.3	88
39	Nebular spectra and abundance tomography of the Type Ia supernova SN 2011fe: a normal SN Ia with a stable Fe core. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 2631-2643	4.3	63
38	Extending the supernova Hubble diagram to $z \sim 1.5$ with the Euclid space mission. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 572, A80	5.1	35
37	PESSTO monitoring of SN 2012hn: further heterogeneity among faint Type I supernovae?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 437, 1519-1533	4.3	44
36	Early ultraviolet emission in the Type Ia supernova LSQ12gdj: No evidence for ongoing shock interaction. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 445, 30-48	4.3	21
35	Photometric and spectroscopic observations, and abundance tomography modelling of the Type Ia supernova SN 2014J located in M82. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 445, 4424-4434	4.3	38
34	Hubble Space Telescope spectra of the Type Ia supernova SN 2011fe: a tail of low-density, high-velocity material with $Z \approx 0$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 439, 1959-1979	4.3	123
33	Exploring the spectral diversity of low-redshift Type Ia supernovae using the Palomar Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 444, 3258-3274	4.3	67
32	The host galaxies of Type Ia supernovae discovered by the Palomar Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 438, 1391-1416	4.3	72
31	A MULTI-WAVELENGTH INVESTIGATION OF THE RADIO-LOUD SUPERNOVA PTF11qcj AND ITS CIRCUMSTELLAR ENVIRONMENT. <i>Astrophysical Journal</i> , <b>2014</b> , 782, 42	4.7	64
30	A statistical analysis of circumstellar material in Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 436, 222-240	4.3	88
29	SPECTROSCOPIC OBSERVATIONS OF SN 2012fr: A LUMINOUS, NORMAL TYPE Ia SUPERNOVA WITH EARLY HIGH-VELOCITY FEATURES AND A LATE VELOCITY PLATEAU. <i>Astrophysical Journal</i> , <b>2013</b> , 770, 29	4.7	57
28	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. <i>Astrophysical Journal</i> , <b>2013</b> , 767, 1	4.7	160

27	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> , <b>2013</b> , 429, 2228-2248	4.3	45
26	Near-infrared observations of Type Ia supernovae: the best known standard candle for cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 425, 1007-1012	4.3	55
25	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> , <b>2012</b> , 426, 2359-2379	4.3	87
24	The progenitor mass of the Type IIP supernova SN 2004et from late-time spectral modeling. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 546, A28	5.1	114
23	Constraining the physical properties of Type II-Plateau supernovae using nebular phase spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 420, 3451-3468	4.3	44
22	PTF 11kx: a type Ia supernova with a symbiotic nova progenitor. <i>Science</i> , <b>2012</b> , 337, 942-5	33.3	254
21	EARLY RADIO AND X-RAY OBSERVATIONS OF THE YOUNGEST NEARBY TYPE Ia SUPERNOVA PTF 11kly (SN 2011fe). <i>Astrophysical Journal</i> , <b>2012</b> , 746, 21	4.7	103
20	ANALYSIS OF THE EARLY-TIME OPTICAL SPECTRA OF SN 2011fe IN M101. <i>Astrophysical Journal Letters</i> , <b>2012</b> , 752, L26	7.9	65
19	SN 2011dh: DISCOVERY OF A TYPE Iib SUPERNOVA FROM A COMPACT PROGENITOR IN THE NEARBY GALAXY M51. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 742, L18	7.9	138
18	PTF10ops - a subluminous, normal-width light curve Type Ia supernova in the middle of nowhere. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 418, 747-758	4.3	39
17	SN 2009md: another faint supernova from a low-mass progenitor. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 417, 1417-1433	4.3	88
16	Exclusion of a luminous red giant as a companion star to the progenitor of supernova SN 2011fe. <i>Nature</i> , <b>2011</b> , 480, 348-50	50.4	239
15	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> , <b>2011</b> , 736, 159	4.7	71
14	Supernova SN 2011fe from an exploding carbon-oxygen white dwarf star. <i>Nature</i> , <b>2011</b> , 480, 344-7	50.4	353
13	Type II-P supernovae as standardized candles: improvements using near-infrared data. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2010</b> , 403, L11-L15	4.3	28
12	Optical and near-infrared coverage of SN 2004et: physical parameters and comparison with other Type IIP supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 404, 981-1004	4.3	114
11	ULTRA-BRIGHT OPTICAL TRANSIENTS ARE LINKED WITH TYPE Ic SUPERNOVAE. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 724, L16-L21	7.9	190
10	SN 2008S: an electron-capture SN from a super-AGB progenitor?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2009</b> , 398, 1041-1068	4.3	137

9	Possible evidence of asymmetry in SN 2007rt, a type Ia supernova. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 504, 945-958	5.1	20
8	The Type IIb SN 2008ax: spectral and light curve evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2008</b> , 389, 955-966	4.3	96
7	The metamorphosis of supernova SN 2008D/XRF 080109: a link between supernovae and GRBs/hypernovae. <i>Science</i> , <b>2008</b> , 321, 1185-8	33.3	170
6	Multiscale Analysis of Active Region Evolution. <i>Solar Physics</i> , <b>2008</b> , 248, 311-322	2.6	32
5	Multifractal Properties of Evolving Active Regions. <i>Solar Physics</i> , <b>2008</b> , 248, 297-309	2.6	47
4	Multiscale Analysis of Active Region Evolution <b>2007</b> , 101-112		
3	Multifractal Properties of Evolving Active Regions <b>2007</b> , 87-99		0
2	An analysis of the spectroscopic signatures of layering in the ejecta of type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
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