

# Kate Maguire

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7071009/kate-maguire-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	A kilonova as the electromagnetic counterpart to a gravitational-wave source. <i>Nature</i> , <b>2017</b> , 551, 75-79	50.4	420
133	Supernova SN 2011fe from an exploding carbon-oxygen white dwarf star. <i>Nature</i> , <b>2011</b> , 480, 344-7	50.4	353
132	PTF 11kx: a type Ia supernova with a symbiotic nova progenitor. <i>Science</i> , <b>2012</b> , 337, 942-5	33.3	254
131	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
130	ULTRA-BRIGHT OPTICAL TRANSIENTS ARE LINKED WITH TYPE Ic SUPERNOVAE. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 724, L16-L21	7.9	190
129	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
128	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
127	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. <i>Astrophysical Journal</i> , <b>2013</b> , 767, 1	4.7	160
126	Confined dense circumstellar material surrounding a regular type II supernova. <i>Nature Physics</i> , <b>2017</b> , 13, 510-517	16.2	145
125	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
124	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
123	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
122	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
121	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
120	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
119	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
118	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

117	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. <i>Astrophysical Journal</i> , <b>2016</b> , 826, 39	4.7	102
116	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
115	The Cow: Discovery of a Luminous, Hot, and Rapidly Evolving Transient. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 865, L3	7.9	97
114	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
113	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
112	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
111	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
110	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
109	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
108	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
107	Observation of inverse Compton emission from a long $\gamma$ -ray burst. <i>Nature</i> , <b>2019</b> , 575, 459-463	50.4	80
106	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
105	REAL-TIME DETECTION AND RAPID MULTI-WAVELENGTH 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
104	Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. <i>Astrophysical Journal</i> , <b>2018</b> , 860, 100	4.7	71
103	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
102	LONG-DURATION SUPERLUMINOUS SUPERNOVAE AT LATE TIMES. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 13	4.7	66
101	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
100	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

99	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
98	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
97	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
96	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
95	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
94	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
93	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
92	Strong near-infrared carbon in the Type Ia supernova iPTF13ebh. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 578, A9	5.1	55
91	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
90	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
89	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
88	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
87	Observational properties of thermonuclear supernovae. <i>Nature Astronomy</i> , <b>2019</b> , 3, 706-716	12.1	48
86	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
85	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
84	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
83	Multifractal Properties of Evolving Active Regions. <i>Solar Physics</i> , <b>2008</b> , 248, 297-309	2.6	47
82	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

81	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
80	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
79	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
78	The type Iax supernova, SN 2015H. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 589, A89	5-1	43
77	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
76	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
75	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
74	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
73	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
72	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
71	Luminous red novae: Stellar mergers or giant eruptions?. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 630, A75	5-1	39
70	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
69	Hydrogen-rich supernovae beyond the neutrino-driven core-collapse paradigm. <i>Nature Astronomy</i> , <b>2017</b> , 1, 713-720	12-1	36
68	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
67	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
66	The Progenitor and Early Evolution of the Type IIb SN 2016gkg. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 836, L12	7-9	35
65	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
64	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

63	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
62	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
61	Multiscale Analysis of Active Region Evolution. <i>Solar Physics</i> , <b>2008</b> , 248, 311-322	2.6	32
60	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
59	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
58	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
57	The Volumetric Rate of Calcium-rich Transients in the Local Universe. <i>Astrophysical Journal</i> , <b>2018</b> , 858, 50	4.7	27
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hnk. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 630, A76	5.1	21
48	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
47	Possible evidence of asymmetry in SN 2007rt, a type IIn supernova. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 504, 945-958	5.1	20
46	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

45	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
44	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
43	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
42	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
41	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
40	The evolution of luminous red nova AT 2017jfs in NGC 4470. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 625, L8	5.1	17
39	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
38	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
37	ASASSN-15pz: Revealing Significant Photometric Diversity among 2009dc-like, Peculiar SNe Ia. <i>Astrophysical Journal</i> , <b>2019</b> , 880, 35	4.7	14
36	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
35	Discovery and follow-up of the unusual nuclear transient OGLE17aaj. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 622, L2	5.1	13
34	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yvq. <i>Astrophysical Journal</i> , <b>2020</b> , 898, 56	4.7	12
33	Detecting the signatures of helium in type Iax supernovae. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 622, A102	5.1	12
32	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
31	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
30	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
29	Type Ia Supernovae <b>2017</b> , 293-316		9
28	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

27	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
26	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
25	The rise and fall of an extraordinary Ca-rich transient. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 635, A186	5.1	7
24	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
23	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
22	Tidal Disruptions of White Dwarfs: Theoretical Models and Observational Prospects. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	6
21	SN 2019muj: 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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	Type Ia supernovae with and without blueshifted narrow Na I D lines: how different is their structure?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 491-506	4.3	3
11	Type Ia Supernovae <b>2016</b> , 1-24		2
10	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



9	Intermediate-luminosity red transients: Spectrophotometric properties and connection to electron-capture supernova explosions. <i>Astronomy and Astrophysics</i> ,	5.1	2
8	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
7	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
6	An analysis of the spectroscopic signatures of layering in the ejecta of type-Iax supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
5	Core-collapse supernova subtypes in luminous infrared galaxies. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A134	5.1	1
4	Multifractal Properties of Evolving Active Regions <b>2007</b> , 87-99		0
3	Faintest of Them All: ZTF 21aaryiz/SN 2021fcg Discovery of an Extremely Low Luminosity Type Iax Supernova. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 921, L6	7.9	0
2	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
1	Multiscale Analysis of Active Region Evolution <b>2007</b> , 101-112		