Jesper Sollerman

List of Publications by Year in descending order

233 papers	21,417 citations	7069 78 h-index	10424 139 g-index
236 all docs	236 docs citations	236 times ranked	8650 citing authors

#	Article	IF	Citations
1	Improved cosmological constraints from a joint analysis of the SDSS-II and SNLS supernova samples. Astronomy and Astrophysics, 2014, 568, A22.	2.1	1,422
2	A very energetic supernova associated with the Î³-ray burst of 29 March 2003. Nature, 2003, 423, 847-850.	13.7	1,221
3	The Zwicky Transient Facility: System Overview, Performance, and First Results. Publications of the Astronomical Society of the Pacific, 2019, 131, 018002.	1.0	1,020
4	A kilonova as the electromagnetic counterpart to a gravitational-wave source. Nature, 2017, 551, 75-79.	13.7	601
5	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. Science, 2017, 358, 1559-1565.	6.0	559
6	The Zwicky Transient Facility: Science Objectives. Publications of the Astronomical Society of the Pacific, 2019, 131, 078001.	1.0	453
7	An optical supernova associated with the X-ray flash XRF 060218. Nature, 2006, 442, 1011-1013.	13.7	432
8	THE SLOAN DIGITAL SKY SURVEY-II SUPERNOVA SURVEY: TECHNICAL SUMMARY. Astronomical Journal, 2008, 135, 338-347.	1.9	377
9	No supernovae associated with two long-duration Î³-ray bursts. Nature, 2006, 444, 1047-1049.	13.7	365
10	The Metamorphosis of SN 1998bw. Astrophysical Journal, 2001, 555, 900-917.	1.6	344
11	SUPER-LUMINOUS TYPE Ic SUPERNOVAE: CATCHING A MAGNETAR BY THE TAIL. Astrophysical Journal, 2013, 770, 128.	1.6	332
12	LOW-RESOLUTION SPECTROSCOPY OF GAMMA-RAY BURST OPTICAL AFTERGLOWS: BIASES IN THE SWIFT SAMPLE AND CHARACTERIZATION OF THE ABSORBERS. Astrophysical Journal, Supplement Series, 2009, 185, 526-573.	3.0	295
13	THE AFTERGLOWS OFSWIFT-ERA GAMMA-RAY BURSTS. I. COMPARING PRE-SWIFTANDSWIFT-ERA LONG/SOFT (TYPE II) GRB OPTICAL AFTERGLOWS. Astrophysical Journal, 2010, 720, 1513-1558.	1.6	253
14	A Wolfâ€“Rayet-like progenitor of SNâ€‰2013cu from spectral observations of a stellar wind. Nature, 2014, 509, 471-474.	13.7	250
15	PESSTO: survey description and products from the first data release by the Public ESO Spectroscopic Survey of Transient Objects. Astronomy and Astrophysics, 2015, 579, A40.	2.1	239
16	Slowly fading super-luminous supernovae that are not pair-instability explosions. Nature, 2013, 502, 346-349.	13.7	226
17	Confined dense circumstellar material surrounding a regular type II supernova. Nature Physics, 2017, 13, 510-517.	6.5	221
18	THE EFFECT OF HOST GALAXIES ON TYPE Ia SUPERNOVAE IN THE SDSS-II SUPERNOVA SURVEY. Astrophysical Journal, 2010, 722, 566-576.	1.6	216

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19	THE TYPE IIb SUPERNOVA 2011dh FROM A SUPERGIANT PROGENITOR. Astrophysical Journal, 2012, 757, 31.	1.6	185
20	Seventeen Tidal Disruption Events from the First Half of ZTF Survey Observations: Entering a New Era of Population Studies. Astrophysical Journal, 2021, 908, 4.	1.6	174
21	Discovery of the nearby long, soft GRBâ€ƒ100316D with an associated supernova. Monthly Notices of the Royal Astronomical Society, 2011, 411, 2792-2803.	1.6	170
22	High luminosity, slow ejecta and persistent carbon lines: SN 2009dc challenges thermonuclear explosion scenariosâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 412, 2735-2762.	1.6	170
23	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. Science, 2017, 356, 291-295.	6.0	168
24	FLASH SPECTROSCOPY: EMISSION LINES FROM THE IONIZED CIRCUMSTELLAR MATERIAL AROUND <10-DAY-OLD TYPE II SUPERNOVAE. Astrophysical Journal, 2016, 818, 3.	1.6	161
25	HIGH-DENSITY CIRCUMSTELLAR INTERACTION IN THE LUMINOUS TYPE IIn SN 2010jl: THE FIRST 1100 DAYS. Astrophysical Journal, 2014, 797, 118.	1.6	159
26	A strong ultraviolet pulse from a newborn type Ia supernova. Nature, 2015, 521, 328-331.	13.7	157
27	The Peculiar Type II Supernova 1997D: A Case for a Very Low [TSUP]56[/TSUP]N[CLC]i[/CLC] Mass. Astrophysical Journal, 1998, 498, L129-L133.	1.6	156
28	On the diversity of superluminous supernovae: ejected mass as the dominant factor. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3869-3893.	1.6	154
29	The superluminous transient ASASSN-15lh as a tidal disruption event from a Kerr black hole. Nature Astronomy, 2017, 1, .	4.2	154
30	Carnegie Supernova Project: Observations of Type IIn supernovae. Astronomy and Astrophysics, 2013, 555, A10.	2.1	151
31	Impact of ejecta morphology and composition on the electromagnetic signatures of neutron star mergers. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3298-3334.	1.6	145
32	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. Publications of the Astronomical Society of Australia, 2017, 34, .	1.3	142
33	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.	1.6	136
34	A tidal disruption event coincident with a high-energy neutrino. Nature Astronomy, 2021, 5, 510-518.	4.2	136
35	PTF12os and iPTF13bvn. Astronomy and Astrophysics, 2016, 593, A68.	2.1	136
36	Superluminous supernovae from PESSTO. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2096-2113.	1.6	135

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37	The first direct double neutron star merger detection: Implications for cosmic nucleosynthesis. Astronomy and Astrophysics, 2018, 615, A132.	2.1	134
38	Early-time light curves of Type Ib/c supernovae from the SDSS-II Supernova Survey. Astronomy and Astrophysics, 2015, 574, A60.	2.1	134
39	Supernova 2006aj and the associated X-Ray Flash 060218. Astronomy and Astrophysics, 2006, 454, 503-509.	2.1	134
40	MULTI-WAVELENGTH OBSERVATIONS OF THE ENDURING TYPE IIn SUPERNOVAE 2005ip AND 2006jd. Astrophysical Journal, 2012, 756, 173.	1.6	131
41	On the source of the late-time infrared luminosity of SN 1998S and other Type II supernovae. Monthly Notices of the Royal Astronomical Society, 2004, 352, 457-477.	1.6	128
42	Detectability of compact binary merger macronovae. Classical and Quantum Gravity, 2017, 34, 104001.	1.5	126
43	FIRST-YEAR SLOAN DIGITAL SKY SURVEY-II (SDSS-II) SUPERNOVA RESULTS: CONSTRAINTS ON NONSTANDARD COSMOLOGICAL MODELS. Astrophysical Journal, 2009, 703, 1374-1385.	1.6	125
44	SNÂ2006oz: rise of a super-luminous supernova observed by the SDSS-II SN Survey. Astronomy and Astrophysics, 2012, 541, A129.	2.1	124
45	Low luminosity Type II supernovae â€“ II. Pointing towards moderate mass precursors. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2873-2892.	1.6	123
46	The Carnegie Supernova Project I. Astronomy and Astrophysics, 2018, 609, A136.	2.1	121
47	The nebular spectra of SN 2012aw and constraints on stellar nucleosynthesis from oxygen emission lines. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3694-3703.	1.6	117
48	Optical and Ultraviolet Spectroscopy of SN 1995N: Evidence for Strong Circumstellar Interaction. Astrophysical Journal, 2002, 572, 350-370.	1.6	116
49	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
50	SN 2009jf: a slow-evolving stripped-envelope core-collapse supernovaâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 416, 3138-3159.	1.6	114
51	Energetic eruptions leading to a peculiar hydrogen-rich explosion of a massive star. Nature, 2017, 551, 210-213.	13.7	112
52	Late-time spectral line formation in Type IIb supernovae, with application to SN 1993J, SN 2008ax, and SN 2011dh. Astronomy and Astrophysics, 2015, 573, A12.	2.1	111
53	The Data Release of the Sloan Digital Sky Survey-II Supernova Survey. Publications of the Astronomical Society of the Pacific, 2018, 130, 064002.	1.0	109
54	The Zwicky Transient Facility Bright Transient Survey. II. A Public Statistical Sample for Exploring Supernova Demographics*. Astrophysical Journal, 2020, 904, 35.	1.6	107

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55	On the nature of nearby GRB/SN host galaxies. New Astronomy, 2005, 11, 103-115.	0.8	106
56	Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. Astrophysical Journal, 2018, 860, 100.	1.6	105
57	A Very Low Mass of56Ni in the Ejecta of SN 1994W. Astrophysical Journal, 1998, 493, 933-939.	1.6	105
58	THE RISE OF SN 2014J IN THE NEARBY GALAXY M82. Astrophysical Journal Letters, 2014, 784, L12.	3.0	104
59	THE RISE AND FALL OF TYPE Ia SUPERNOVA LIGHT CURVES IN THE SDSS-II SUPERNOVA SURVEY. Astrophysical Journal, 2010, 712, 350-366.	1.6	103
60	THE HIGHLY ENERGETIC EXPANSION OF SN 2010bh ASSOCIATED WITH GRB 100316D. Astrophysical Journal, 2012, 753, 67.	1.6	103
61	THE HE-RICH CORE-COLLAPSE SUPERNOVA 2007Y: OBSERVATIONS FROM X-RAY TO RADIO WAVELENGTHS. Astrophysical Journal, 2009, 696, 713-728.	1.6	100
62	SN 2009md: another faint supernova from a low-mass progenitor. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1417-1433.	1.6	97
63	An analytic bolometric light curve model of interaction-powered supernovae and its application to Type IIn supernovae. Monthly Notices of the Royal Astronomical Society, 2013, 435, 1520-1535.	1.6	97
64	The GRBÂ060218/SNÂ2006aj event in the context of other gamma-ray burst supernovae. Astronomy and Astrophysics, 2006, 457, 857-864.	2.1	95
65	THE EFFECT OF PECULIAR VELOCITIES ON SUPERNOVA COSMOLOGY. Astrophysical Journal, 2011, 741, 67.	1.6	93
66	Optical and near-infrared observations of SN 2011dh â€“ The first 100 days. Astronomy and Astrophysics, 2014, 562, A17.	2.1	93
67	THE HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA iPTF 13ajg AND ITS HOST GALAXY IN ABSORPTION AND EMISSION. Astrophysical Journal, 2014, 797, 24.	1.6	92
68	LONG-DURATION SUPERLUMINOUS SUPERNOVAE AT LATE TIMES. Astrophysical Journal, 2017, 835, 13.	1.6	92
69	Hydrogen-poor Superluminous Supernovae with Late-time HÎ± Emission: Three Events From the Intermediate Palomar Transient Factory. Astrophysical Journal, 2017, 848, 6.	1.6	91
70	The Zwicky Transient Facility Bright Transient Survey. I. Spectroscopic Classification and the Redshift Completeness of Local Galaxy Catalogs. Astrophysical Journal, 2020, 895, 32.	1.6	91
71	Investigating the properties of stripped-envelope supernovae; what are the implications for their progenitors?. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1559-1578.	1.6	90
72	Fully automated integral field spectrograph pipeline for the SEDMachine: pysedm. Astronomy and Astrophysics, 2019, 627, A115.	2.1	89

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73	SINGLE OR DOUBLE DEGENERATE PROGENITORS? SEARCHING FOR SHOCK EMISSION IN THE SDSS-II TYPE Ia SUPERNOVAE. Astrophysical Journal, 2010, 722, 1691-1698.	1.6	88
74	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am^{â^—}. Astrophysical Journal, 2018, 853, 62.	1.6	87
75	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.	3.0	86
76	A hot and fast ultra-stripped supernova that likely formed a compact neutron star binary. Science, 2018, 362, 201-206.	6.0	84
77	COMMON ENVELOPE EJECTION FOR A LUMINOUS RED NOVA IN M101. Astrophysical Journal, 2017, 834, 107.	1.6	81
78	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. Astrophysical Journal, 2017, 836, 158.	1.6	79
79	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. Astrophysical Journal, 2019, 886, 152.	1.6	77
80	TYPE II SUPERNOVA ENERGETICS AND COMPARISON OF LIGHT CURVES TO SHOCK-COOLING MODELS. Astrophysical Journal, 2016, 820, 33.	1.6	75
81	MEASUREMENTS OF THE RATE OF TYPE Ia SUPERNOVAE AT REDSHIFT â‰²0.3 FROM THE SLOAN DIGITAL SKY SURVEY II SUPERNOVA SURVEY. Astrophysical Journal, 2010, 713, 1026-1036.	1.6	74
82	The First Tidal Disruption Flare in ZTF: From Photometric Selection to Multi-wavelength Characterization. Astrophysical Journal, 2019, 872, 198.	1.6	74
83	The Type IIb SN 2011dh: Two years of observations and modelling of the lightcurves. Astronomy and Astrophysics, 2015, 580, A142.	2.1	74
84	GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Starâ€“Black Hole Merger. Astrophysical Journal, 2020, 890, 131.	1.6	74
85	SN 2009E: a faint clone of SN 1987A. Astronomy and Astrophysics, 2012, 537, A141.	2.1	73
86	Effects of the explosion asymmetry and viewing angle on the Type Ia supernova colour and luminosity calibrationâ˜.... Monthly Notices of the Royal Astronomical Society, 2011, 413, 3075-3094.	1.6	72
87	Optical follow-up of the neutron starâ€“black hole mergers S200105ae and S200115j. Nature Astronomy, 2021, 5, 46-53.	4.2	71
88	The properties of SN Ib/c locations. Astronomy and Astrophysics, 2011, 530, A95.	2.1	70
89	The supernova CSS121015:004244+132827: a clue for understanding superluminous supernovae. Monthly Notices of the Royal Astronomical Society, 2014, 441, 289-303.	1.6	70
90	Observational constraints on the optical and near-infrared emission from the neutron starâ€“black hole binary merger candidate S190814bv. Astronomy and Astrophysics, 2020, 643, A113.	2.1	70

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91	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. Astrophysical Journal, 2020, 905, 145.	1.6	69
92	Luminous red novae: Stellar mergers or giant eruptions?. Astronomy and Astrophysics, 2019, 630, A75.	2.1	68
93	THE CORE COLLAPSE SUPERNOVA RATE FROM THE SDSS-II SUPERNOVA SURVEY. Astrophysical Journal, 2014, 792, 135.	1.6	67
94	A New Class of Changing-look LINERs. Astrophysical Journal, 2019, 883, 31.	1.6	66
95	A Large Fraction of Hydrogen-rich Supernova Progenitors Experience Elevated Mass Loss Shortly Prior to Explosion. Astrophysical Journal, 2021, 912, 46.	1.6	66
96	X-ray illumination of the ejecta of supernova 1987A. Nature, 2011, 474, 484-486.	13.7	64
97	Spitzer mid-infrared detections of neutron star merger GW170817 suggests synthesis of the heaviest elements. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 510, L7-L12.	1.2	64
98	The peculiar Type Ia supernova iPTF14atg: Chandrasekhar-mass explosion or violent merger?. Monthly Notices of the Royal Astronomical Society, 2016, 459, 4428-4439.	1.6	63
99	The rise and fall of the Type Ib supernova iPTF13bvn. Astronomy and Astrophysics, 2014, 565, A114.	2.1	62
100	Transient processing and analysis using AMPEL: alert management, photometry, and evaluation of light curves. Astronomy and Astrophysics, 2019, 631, A147.	2.1	62
101	Hydrogen and helium in the spectra of Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2013, 435, 329-345.	1.6	61
102	ON THE EARLY-TIME EXCESS EMISSION IN HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE. Astrophysical Journal, 2017, 835, 58.	1.6	61
103	SN 2009kn - the twin of the Type IIn supernova 1994W. Monthly Notices of the Royal Astronomical Society, 2012, 424, 855-873.	1.6	60
104	The Carnegie Supernova Project I. Astronomy and Astrophysics, 2018, 609, A135.	2.1	60
105	Analysis of broad-lined Type Ic supernovae from the (intermediate) Palomar Transient Factory. Astronomy and Astrophysics, 2019, 621, A71.	2.1	59
106	Bright, Months-long Stellar Outbursts Announce the Explosion of Interaction-powered Supernovae. Astrophysical Journal, 2021, 907, 99.	1.6	59
107	EARLY SPECTROSCOPIC IDENTIFICATION OF SN 2008D. Astrophysical Journal, 2009, 692, L84-L87.	1.6	57
108	THE SUBLUMINOUS SUPERNOVA 2007qd: A MISSING LINK IN A FAMILY OF LOW-LUMINOSITY TYPE Ia SUPERNOVAE. Astrophysical Journal, 2010, 720, 704-716.	1.6	57

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109	450 d of Type II SN 2013ej in optical and near-infrared. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2003-2018.	1.6	57
110	iPTF 16asu: A Luminous, Rapidly Evolving, and High-velocity Supernova. Astrophysical Journal, 2017, 851, 107.	1.6	57
111	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.	1.6	57
112	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
113	Supernova 1998bw â€“ the final phases. Astronomy and Astrophysics, 2002, 386, 944-956.	2.1	56
114	A comparative study of Type II-P and II-L supernova rise times as exemplified by the case of LSQ13cuw. Astronomy and Astrophysics, 2015, 582, A3.	2.1	55
115	Massive stars exploding in a He-rich circumstellar medium â€“ IV. Transitional Type Ibn supernovae. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1921-1940.	1.6	55
116	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.	1.6	55
117	Metallicity at the explosion sites of interacting transients. Astronomy and Astrophysics, 2015, 580, A131.	2.1	53
118	CONSTRAINTS ON THE ORIGIN OF THE FIRST LIGHT FROM SN 2014J. Astrophysical Journal, 2015, 799, 106.	1.6	53
119	The young pulsar PSRÂB0540-69.3 and its synchrotron nebula in the optical and X-rays. Astronomy and Astrophysics, 2004, 425, 1041-1060.	2.1	52
120	Supersolar Ni/Fe production in the Type IIP SN 2012ec. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2482-2494.	1.6	51
121	THE DESTRUCTION OF THE CIRCUMSTELLAR RING OF SN 1987A. Astrophysical Journal Letters, 2015, 806, L19.	3.0	51
122	POLARIMETRY OF THE SUPERLUMINOUS SUPERNOVA LSQ14MO: NO EVIDENCE FOR SIGNIFICANT DEVIATIONS FROM SPHERICAL SYMMETRY. Astrophysical Journal Letters, 2015, 815, L10.	3.0	50
123	iPTF15dtg: a double-peaked Type Ic supernova from a massive progenitor. Astronomy and Astrophysics, 2016, 592, A89.	2.1	49
124	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.	1.6	49
125	Pan-STARRS and PESSTO search for an optical counterpart to the LIGO gravitational-wave source GW150914. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4094-4116.	1.6	48
126	THREE-DIMENSIONAL DISTRIBUTION OF EJECTA IN SUPERNOVA 1987A AT 10,000 DAYS. Astrophysical Journal, 2016, 833, 147.	1.6	48

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127	Hydrogen-rich supernovae beyond the neutrino-driven core-collapse paradigm. Nature Astronomy, 2017, 1, 713-720.	4.2	48
128	A WC/WO star exploding within an expanding carbonâ€“oxygenâ€“neon nebula. Nature, 2022, 601, 201-204.	13.7	48
129	The X-shooter GRB afterglow legacy sample (XS-GRB). Astronomy and Astrophysics, 2019, 623, A92.	2.1	47
130	Type IIn supernova light-curve properties measured from an untargeted survey sample. Astronomy and Astrophysics, 2020, 637, A73.	2.1	47
131	Supernova spectra below strong circumstellar interaction. Astronomy and Astrophysics, 2015, 574, A61.	2.1	46
132	NGC 2770: A SUPERNOVA Ib FACTORY?. Astrophysical Journal, 2009, 698, 1307-1320.	1.6	45
133	THE MORPHOLOGY OF THE EJECTA IN SUPERNOVA 1987A: A STUDY OVER TIME AND WAVELENGTH. Astrophysical Journal, 2013, 768, 89.	1.6	45
134	Real-time discovery of AT2020xnd: a fast, luminous ultraviolet transient with minimal radioactive ejecta. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5138-5147.	1.6	44
135	The rate of supernovae at redshift 0.1â€“1.0. Astronomy and Astrophysics, 2012, 545, A96.	2.1	42
136	SN 2012ec: mass of the progenitor from PESSTO follow-up of the photospheric phase. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2312-2331.	1.6	42
137	RADIO OBSERVATIONS OF A SAMPLE OF BROAD-LINE TYPE IC SUPERNOVAE DISCOVERED BY PTF/IPTF: A SEARCH FOR RELATIVISTIC EXPLOSIONS. Astrophysical Journal, 2016, 830, 42.	1.6	42
138	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.	1.6	42
139	The bumpy light curve of Type IIn supernova iPTF13z over 3 years. Astronomy and Astrophysics, 2017, 605, A6.	2.1	41
140	Candidate Tidal Disruption Event AT2019fdr Coincident with a High-Energy Neutrino. Physical Review Letters, 2022, 128, .	2.9	41
141	A MISMATCH IN THE ULTRAVIOLET SPECTRA BETWEEN LOW-REDSHIFT AND INTERMEDIATE-REDSHIFT TYPE Ia SUPERNOVAE AS A POSSIBLE SYSTEMATIC UNCERTAINTY FOR SUPERNOVA COSMOLOGY. Astronomical Journal, 2012, 143, 113.	1.9	39
142	LATE SPECTRAL EVOLUTION OF THE EJECTA AND REVERSE SHOCK IN SN 1987A. Astrophysical Journal, 2013, 768, 88.	1.6	39
143	Long-rising Type II supernovae from Palomar Transient Factory and Caltech Core-Collapse Project. Astronomy and Astrophysics, 2016, 588, A5.	2.1	39
144	SN2019dge: A Helium-rich Ultra-stripped Envelope Supernova. Astrophysical Journal, 2020, 900, 46.	1.6	38

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145	HST-COS OBSERVATIONS OF HYDROGEN, HELIUM, CARBON, AND NITROGEN EMISSION FROM THE SN 1987A REVERSE SHOCK. Astrophysical Journal, 2011, 743, 186.	1.6	35
146	TYPE IIb SUPERNOVA SN 2011dh: SPECTRA AND PHOTOMETRY FROM THE ULTRAVIOLET TO THE NEAR-INFRARED. Astrophysical Journal, 2014, 781, 69.	1.6	35
147	CONSTRAINTS ON EXPLOSIVE SILICON BURNING IN CORE-COLLAPSE SUPERNOVAE FROM MEASURED Ni/Fe RATIOS. Astrophysical Journal, 2015, 807, 110.	1.6	35
148	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
149	The Type Icn SN 2021csp: Implications for the Origins of the Fastest Supernovae and the Fates of Wolfâ€“Rayet Stars. Astrophysical Journal, 2022, 927, 180.	1.6	35
150	The 30 Year Search for the Compact Object in SN 1987A. Astrophysical Journal, 2018, 864, 174.	1.6	34
151	SNÂ2017ens: The Metamorphosis of a Luminous Broadlined Type Ic Supernova into an SNÂIIn. Astrophysical Journal Letters, 2018, 867, L31.	3.0	33
152	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yvq. Astrophysical Journal, 2020, 898, 56.	1.6	32
153	A metallicity study of 1987A-like supernova host galaxies. Astronomy and Astrophysics, 2013, 558, A143.	2.1	31
154	Observing Supernova 1987A with the Refurbished Hubble Space Telescope. Science, 2010, 329, 1624-1627.	6.0	30
155	The long-lived Type IIn SN 2015da: Infrared echoes and strong interaction within an extended massive shell. Astronomy and Astrophysics, 2020, 635, A39.	2.1	29
156	Color Me Intrigued: The Discovery of iPTF 16fnm, an SN 2002cxâ€“like Object. Astrophysical Journal, 2017, 848, 59.	1.6	28
157	SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium^{â^—}. Astrophysical Journal Letters, 2018, 854, L14.	3.0	28
158	SN2018kzr: A Rapidly Declining Transient from the Destruction of a White Dwarf. Astrophysical Journal Letters, 2019, 885, L23.	3.0	28
159	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.	1.9	28
160	A Family Tree of Optical Transients from Narrow-line Seyfert 1 Galaxies. Astrophysical Journal, 2021, 920, 56.	1.6	28
161	Evolution of the Reverse Shock Emission from SNR 1987A. Astrophysical Journal, 2006, 644, 959-970.	1.6	27
162	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.	1.0	27

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163	High resolution spectroscopy of the inner ring of SN 1987A. Astronomy and Astrophysics, 2008, 479, 761-777.	2.1	26
164	Do Wolf-Rayet stars have similar locations in hosts as typeÂIb/c supernovae and long gamma-ray bursts?. Astronomy and Astrophysics, 2010, 518, A29.	2.1	26
165	Oxygen and helium in stripped-envelope supernovae. Astronomy and Astrophysics, 2018, 618, A37.	2.1	26
166	Type II supernovae in low-luminosity host galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3232-3253.	1.6	26
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