

# Paolo A Mazzali

## List of Publications by Year in descending order

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247  
papers

22,176  
citations

5558

82  
h-index

10127

140  
g-index

248  
all docs

248  
docs citations

248  
times ranked

6643  
citing authors

#	ARTICLE	IF	CITATIONS
1	An unusual supernova in the error box of the $\hat{\text{I}}^3$ -ray burst of 25 April 1998. <i>Nature</i> , 1998, 395, 670-672.	13.7	1,546
2	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. <i>Nature</i> , 2017, 551, 67-70.	13.7	715
3	A hypernova model for the supernova associated with the $\hat{\text{I}}^3$ -ray burst of 25 April 1998. <i>Nature</i> , 1998, 395, 672-674.	13.7	568
4	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017, 358, 1559-1565.	6.0	559
5	An optical supernova associated with the X-ray flash XRF 060218. <i>Nature</i> , 2006, 442, 1011-1013.	13.7	432
6	Supernova SN 2011fe from an exploding carbon-oxygen white dwarf star. <i>Nature</i> , 2011, 480, 344-347.	13.7	412
7	The Metamorphosis of SN 1998bw. <i>Astrophysical Journal</i> , 2001, 555, 900-917.	1.6	344
8	SN 2003lw and GRB 031203: A Bright Supernova for a Faint Gamma-Ray Burst. <i>Astrophysical Journal</i> , 2004, 609, L5-L8.	1.6	320
9	A giant outburst two years before the core-collapse of a massive star. <i>Nature</i> , 2007, 447, 829-832.	13.7	315
10	Detection of Circumstellar Material in a Normal Type Ia Supernova. <i>Science</i> , 2007, 317, 924-926.	6.0	313
11	The Diversity of Type Ia Supernovae: Evidence for Systematics?. <i>Astrophysical Journal</i> , 2005, 623, 1011-1016.	1.6	312
12	A Common Explosion Mechanism for Type Ia Supernovae. <i>Science</i> , 2007, 315, 825-828.	6.0	292
13	Identification of strontium in the merger of two neutron stars. <i>Nature</i> , 2019, 574, 497-500.	13.7	278
14	A faint type of supernova from a white dwarf with a helium-rich companion. <i>Nature</i> , 2010, 465, 322-325.	13.7	273
15	A neutron-star-driven X-ray flash associated with supernova SN 2006aj. <i>Nature</i> , 2006, 442, 1018-1020.	13.7	251
16	The Type I[CLC]c[/CLC] Hypernova SN 2002[CLC]ap[/CLC]. <i>Astrophysical Journal</i> , 2002, 572, L61-L65.	1.6	250
17	PESSTO: survey description and products from the first data release by the Public ESO Spectroscopic Survey of Transient Objects. <i>Astronomy and Astrophysics</i> , 2015, 579, A40.	2.1	239
18	A very luminous magnetar-powered supernova associated with an ultra-long $\hat{\text{I}}^3$ -ray burst. <i>Nature</i> , 2015, 523, 189-192.	13.7	233

#	ARTICLE	IF	CITATIONS
19	Bolometric light curves and explosion parameters of 38 stripped-envelope core-collapse supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 328-350.	1.6	226
20	Explosive Nucleosynthesis in Aspherical Hypernova Explosions and Late-Time Spectra of SN 1998bw. <i>Astrophysical Journal</i> , 2002, 565, 405-412.	1.6	224
21	The Rates of Hypernovae and Gamma-Ray Bursts: Implications for Their Progenitors. <i>Astrophysical Journal</i> , 2004, 607, L17-L20.	1.6	216
22	An asymmetric explosion as the origin of spectral evolution diversity in type Ia supernovae. <i>Nature</i> , 2010, 466, 82-85.	13.7	207
23	The Metamorphosis of Supernova SN 2008D/XRF 080109: A Link Between Supernovae and GRBs/Hypernovae. <i>Science</i> , 2008, 321, 1185-1188.	6.0	191
24	Asphericity in Supernova Explosions from Late-Time Spectroscopy. <i>Science</i> , 2008, 319, 1220-1223.	6.0	190
25	Abundance stratification in Type Ia supernovae - I. The case of SN 2002bo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 1231-1243.	1.6	180
26	Discovery of the nearby long, soft GRB 100316D with an associated supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 2792-2803.	1.6	170
27	High luminosity, slow ejecta and persistent carbon lines: SN 2009dc challenges thermonuclear explosion scenarios.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2735-2762.	1.6	170
28	DISCOVERY, PROGENITOR AND EARLY EVOLUTION OF A STRIPPED ENVELOPE SUPERNOVA iPTF13bvn. <i>Astrophysical Journal Letters</i> , 2013, 775, L7.	3.0	169
29	An Asymmetric Energetic Type Ic Supernova Viewed Off-Axis, and a Link to Gamma Ray Bursts. <i>Science</i> , 2005, 308, 1284-1287.	6.0	167
30	The Unique Type Ib Supernova 2005bf at Nebular Phases: A Possible Birth Event of a Strongly Magnetized Neutron Star. <i>Astrophysical Journal</i> , 2007, 666, 1069-1082.	1.6	166
31	The Peculiar Type Ic Supernova 1997ef: Another Hypernova. <i>Astrophysical Journal</i> , 2000, 534, 660-669.	1.6	162
32	SN 2004aw: confirming diversity of Type Ic supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1459-1477.	1.6	159
33	A low-energy core-collapse supernova without a hydrogen envelope. <i>Nature</i> , 2009, 459, 674-677.	13.7	159
34	SN 2011dh: DISCOVERY OF A TYPE IIb SUPERNOVA FROM A COMPACT PROGENITOR IN THE NEARBY GALAXY M51. <i>Astrophysical Journal Letters</i> , 2011, 742, L18.	3.0	156
35	The superluminous transient ASASSN-15lh as a tidal disruption event from a Kerr black hole. <i>Nature Astronomy</i> , 2017, 1, .	4.2	154
36	The Nebular Spectra of the Hypernova SN 1998bw and Evidence for Asymmetry. <i>Astrophysical Journal</i> , 2001, 559, 1047-1053.	1.6	153

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37	How much H and He is "hidden" in SNe Ib/c? - I. Low-mass objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 70-88.	1.6	149
38	High-Velocity Features: A Ubiquitous Property of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2005, 623, L37-L40.	1.6	146
39	The Cow: Discovery of a Luminous, Hot, and Rapidly Evolving Transient. <i>Astrophysical Journal Letters</i> , 2018, 865, L3.	3.0	146
40	A Spectroscopic Analysis of the Energetic Type Ic Hypernova SN 1997ef. <i>Astrophysical Journal</i> , 2000, 545, 407-419.	1.6	146
41	A Three-Dimensional Deflagration Model for Type Ia Supernovae Compared with Observations. <i>Astrophysical Journal</i> , 2007, 668, 1132-1139.	1.6	143
42	Massive stars exploding in a He-rich circumstellar medium - I. Type Ibn (SN 2006jc-like) events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 389, 113-130.	1.6	143
43	VARIABLE SODIUM ABSORPTION IN A LOW-EXTINCTION TYPE Ia SUPERNOVA,. <i>Astrophysical Journal</i> , 2009, 702, 1157-1170.	1.6	139
44	Hubble Space Telescope spectra of the Type Ia supernova SN 2011fe: a tail of low-density, high-velocity material with $Z \lesssim 0.05$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1959-1979.	1.6	139
45	Nebular emission-line profiles of Type Ib/c supernovae - probing the ejecta asphericity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 677-694.	1.6	138
46	The Type Ic Hypernova SN 2003dh/GRB 030329. <i>Astrophysical Journal</i> , 2003, 599, L95-L98.	1.6	135
47	A Two-Component Model for the Light Curves of Hypernovae. <i>Astrophysical Journal</i> , 2003, 593, 931-940.	1.6	134
48	SN 2005cs in M51 - I. The first month of evolution of a subluminous SN II plateau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 1752-1762.	1.6	126
49	Models for the Type Ic Hypernova SN 2003lw associated with GRB 031203. <i>Astrophysical Journal</i> , 2006, 645, 1323-1330.	1.6	120
50	Anomalous extinction behaviour towards the Type Ia SN 2003cg. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 1880-1900.	1.6	120
51	FALLBACK SUPERNOVAE: A POSSIBLE ORIGIN OF PECULIAR SUPERNOVAE WITH EXTREMELY LOW EXPLOSION ENERGIES. <i>Astrophysical Journal</i> , 2010, 719, 1445-1453.	1.6	116
52	The bolometric light curves and physical parameters of stripped-envelope supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2973-3002.	1.6	115
53	SN 2009jf: a slow-evolving stripped-envelope core-collapse supernova... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 3138-3159.	1.6	114
54	ESC and KAIT observations of the transitional Type Ia SN 2004eo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1531-1552.	1.6	112

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55	The underluminous Type Ia supernova 2005bl and the class of objects similar to SN 1991bg... Monthly Notices of the Royal Astronomical Society, 0, 385, 75-96.	1.6	112
56	SN 2009ip - a PESSTO: no evidence for core collapse yet... Monthly Notices of the Royal Astronomical Society, 2013, 433, 1312-1337.	1.6	110
57	The Connection between Gamma-Ray Bursts and Extremely Metal-poor Stars: Black Hole-forming Supernovae with Relativistic Jets. Astrophysical Journal, 2007, 657, L77-L80.	1.6	107
58	A SWIFT LOOK AT SN 2011fe: THE EARLIEST ULTRAVIOLET OBSERVATIONS OF A TYPE Ia SUPERNOVA. Astrophysical Journal, 2012, 753, 22.	1.6	107
59	DETECTION OF BROAD H $\beta$ EMISSION LINES IN THE LATE-TIME SPECTRA OF A HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA. Astrophysical Journal, 2015, 814, 108.	1.6	107
60	Consistent estimates of $^{56}\text{Ni}$ yields for type Ia supernovae. Astronomy and Astrophysics, 2006, 460, 793-798.	2.1	107
61	A hybrid type Ia supernova with an early flash triggered by helium-shell detonation. Nature, 2017, 550, 80-83.	13.7	106
62	Spectrum formation in superluminous supernovae (Type I). Monthly Notices of the Royal Astronomical Society, 2016, 458, 3455-3465.	1.6	105
63	The properties of the "standard" Type Ic supernova 1994I from spectral models. Monthly Notices of the Royal Astronomical Society, 2006, 369, 1939-1948.	1.6	104
64	THE FAST AND FURIOUS DECAY OF THE PECULIAR TYPE Ic SUPERNOVA 2005ek. Astrophysical Journal, 2013, 774, 58.	1.6	104
65	THE HIGHLY ENERGETIC EXPANSION OF SN 2010bh ASSOCIATED WITH GRB 100316D. Astrophysical Journal, 2012, 753, 67.	1.6	103
66	THE HE-RICH CORE-COLLAPSE SUPERNOVA 2007Y: OBSERVATIONS FROM X-RAY TO RADIO WAVELENGTHS. Astrophysical Journal, 2009, 696, 713-728.	1.6	100
67	Can Differences in the Nickel Abundance in Chandrasekhar-Mass Models Explain the Relation between the Brightness and Decline Rate of Normal Type Ia Supernovae?. Astrophysical Journal, 2001, 547, 988-994.	1.6	100
68	The Carbon-rich Type Ic SN 2007gr: The Photospheric Phase. Astrophysical Journal, 2008, 673, L155-L158.	1.6	99
69	HELIUM SHELL DETONATIONS ON LOW-MASS WHITE DWARFS AS A POSSIBLE EXPLANATION FOR SN 2005E. Astrophysical Journal, 2011, 738, 21.	1.6	97
70	THE ABSOLUTE MAGNITUDES OF TYPE Ia SUPERNOVAE IN THE ULTRAVIOLET. Astrophysical Journal, 2010, 721, 1608-1626.	1.6	95
71	An upper limit to the energy of gamma-ray bursts indicates that GRBs/SNe are powered by magnetars. Monthly Notices of the Royal Astronomical Society, 2014, 443, 67-71.	1.6	94
72	The Unique Type Ib Supernova 2005bf: A WN Star Explosion Model for Peculiar Light Curves and Spectra. Astrophysical Journal, 2005, 633, L97-L100.	1.6	93

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73	Detection of a Light Echo from SN 1998[CLC]bu[/CLC]. <i>Astrophysical Journal</i> , 2001, 549, L215-L218.	1.6	93
74	Investigating the properties of stripped-envelope supernovae; what are the implications for their progenitors?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1559-1578.	1.6	90
75	SUPERLUMINOUS SUPERNOVA SN 2015bn IN THE NEBULAR PHASE: EVIDENCE FOR THE ENGINE-POWERED EXPLOSION OF A STRIPPED MASSIVE STAR. <i>Astrophysical Journal Letters</i> , 2016, 828, L18.	3.0	88
76	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am<sup>âˆ—</sup>. <i>Astrophysical Journal</i> , 2018, 853, 62.	1.6	87
77	The template type Ia supernova 1996X. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 321, 254-268.	1.6	86
78	ESC observations of SN 2005cf - I. Photometric evolution of a normal Type Ia supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 376, 1301-1316.	1.6	86
79	Studying the diversity of Type Ia supernovae in the ultraviolet: comparing models with observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 103-113.	1.6	86
80	The delay of shock breakout due to circumstellar material evident in most type II supernovae. <i>Nature Astronomy</i> , 2018, 2, 808-818.	4.2	86
81	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. <i>Astrophysical Journal Letters</i> , 2019, 885, L19.	3.0	86
82	Nebular spectra and abundance tomography of the Type Ia supernova SNÂ2011fe: a normal SN Ia with a stable Fe core. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2631-2643.	1.6	84
83	A hot and fast ultra-stripped supernova that likely formed a compact neutron star binary. <i>Science</i> , 2018, 362, 201-206.	6.0	84
84	The Outermost Ejecta of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2008, 677, 448-460.	1.6	84
85	XRF 100316D/SN 2010bh AND THE NATURE OF GAMMA-RAY BURST SUPERNOVAE. <i>Astrophysical Journal</i> , 2011, 740, 41.	1.6	83
86	SN 2009bb: A PECULIAR BROAD-LINED TYPE Ic SUPERNOVA,. <i>Astrophysical Journal</i> , 2011, 728, 14.	1.6	83
87	Abundance stratification in Type Ia supernovae â€“ II. The rapidly declining, spectroscopically normal SNÂ2004eo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1897-1906.	1.6	81
88	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> , 2011, 736, 159.	1.6	81
89	SPECTROPOLARIMETRY OF EXTREMELY LUMINOUS TYPE Ia SUPERNOVA 2009dc: NEARLY SPHERICAL EXPLOSION OF SUPER-CHANDRASEKHAR MASS WHITE DWARF. <i>Astrophysical Journal</i> , 2010, 714, 1209-1216.	1.6	78
90	TYPE Ib SUPERNOVA 2008D ASSOCIATED WITH THE LUMINOUS X-RAY TRANSIENT 080109: AN ENERGETIC EXPLOSION OF A MASSIVE HELIUM STAR. <i>Astrophysical Journal</i> , 2009, 692, 1131-1142.	1.6	78

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91	Optical and infrared observations of SN 2002dj: some possible common properties of fast-expanding Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 971-990.	1.6	77
92	<i>Swift</i> and <i>Chandra</i> Detections of Supernova 2006jc: Evidence for Interaction of the Supernova Shock with a Circumstellar Shell. <i>Astrophysical Journal</i> , 2008, 674, L85-L88.	1.6	76
93	The He-rich stripped-envelope core-collapse supernova 2008ax~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 2140-2156.	1.6	76
94	Subaru Spectroscopy of the Interacting Type Ia Supernova SN 2002ic: Evidence of a Hydrogen-rich, Asymmetric Circumstellar Medium. <i>Astrophysical Journal</i> , 2004, 605, L37-L40.	1.6	75
95	ANALYSIS OF THE EARLY-TIME OPTICAL SPECTRA OF SN 2011fe IN M101. <i>Astrophysical Journal Letters</i> , 2012, 752, L26.	3.0	75
96	The J -Band Light Curve of SN 2003lw, Associated with GRB 031203. <i>Astrophysical Journal</i> , 2004, 609, L59-L62.	1.6	73
97	SPECTRA OF TYPE IA SUPERNOVAE FROM DOUBLE DEGENERATE MERGERS. <i>Astrophysical Journal</i> , 2010, 725, 296-308.	1.6	73
98	A tale of two GRB-SNe at a common redshift of $z=0.54$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 669-685.	1.6	72
99	Effects of the explosion asymmetry and viewing angle on the Type Ia supernova colour and luminosity calibration~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 3075-3094.	1.6	72
100	Measuring nickel masses in Type Ia supernovae using cobalt emission in nebular phase spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3816-3842.	1.6	72
101	The Aspherical Properties of the Energetic Type Ic SN 2002ap as Inferred from Its Nebular Spectra. <i>Astrophysical Journal</i> , 2007, 670, 592-599.	1.6	70
102	On the Light Curve and Spectrum of SN 2003dh Separated from the Optical Afterglow of GRB 030329. <i>Astrophysical Journal</i> , 2005, 624, 898-905.	1.6	69
103	UNBURNED MATERIAL IN THE EJECTA OF TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2012, 745, 74.	1.6	69
104	The fading of supernova 1997D. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 322, 361-368.	1.6	68
105	An Off-Axis Model of GRB 031203. <i>Astrophysical Journal</i> , 2005, 625, L91-L94.	1.6	68
106	High-velocity features in the spectra of the Type Ia supernova SN 1999ee: a property of the explosion or evidence of circumstellar interaction?. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 357, 200-206.	1.6	68
107	Properties of the ultraviolet flux of Type Ia supernovae: an analysis with synthetic spectra of SN 2001ep and SN 2001eh. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 1605-1618.	1.6	68
108	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> , 2016, 457, 3254-3265.	1.6	68

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109	The Optical/Near-Infrared Light Curves of SN 2002ap for the First 140 Days after Discovery. <i>Astrophysical Journal</i> , 2003, 592, 467-474.	1.6	67
110	X-Ray Observations of Type Ia Supernovae with Swift : Evidence of Circumstellar Interaction for SN 2005ke. <i>Astrophysical Journal</i> , 2006, 648, L119-L122.	1.6	67
111	Light-curve and spectral properties of ultrastripped core-collapse supernovae leading to binary neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2085-2098.	1.6	67
112	SN 2006aj Associated with XRF 060218 at Late Phases: Nucleosynthesis Signature of a Neutron Star-driven Explosion. <i>Astrophysical Journal</i> , 2007, 658, L5-L8.	1.6	66
113	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> , 2013, 770, 29.	1.6	66
114	Exploring the spectroscopic diversity of Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 299-318.	1.6	65
115	The Type Ic SN 2007gr: a census of the ejecta from late-time optical-infrared spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 408, 87-96.	1.6	65
116	MULTI-WAVELENGTH OBSERVATIONS OF SUPERNOVA 2011ei: TIME-DEPENDENT CLASSIFICATION OF TYPE IIb AND Ib SUPERNOVAE AND IMPLICATIONS FOR THEIR PROGENITORS. <i>Astrophysical Journal</i> , 2013, 767, 71.	1.6	64
117	Photometric observations of the Type Ia SN 2002er in UGC 10743. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 178-190.	1.6	63
118	A very faint core-collapse supernova in M85. <i>Nature</i> , 2007, 449, E1-E2.	18.7	62
119	NEAR-ULTRAVIOLET PROPERTIES OF A LARGE SAMPLE OF TYPE Ia SUPERNOVAE AS OBSERVED WITH THE <i>Swift</i> UVOT. <i>Astrophysical Journal</i> , 2010, 721, 1627-1655.	1.6	62
120	The nuclear diversity of Type Ia supernova explosions. <i>New Astronomy Reviews</i> , 2008, 52, 381-385.	5.2	61
121	ESC observations of SN 2005cf. <i>Astronomy and Astrophysics</i> , 2007, 471, 527-535.	2.1	60
122	The type IIn supernova 1995G: interaction with the circumstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 333, 27-38.	1.6	59
123	NEBULAR PHASE OBSERVATIONS OF THE TYPE Ib SUPERNOVA 2008D/X-RAY TRANSIENT 080109: SIDE-VIEWED BIPOLAR EXPLOSION. <i>Astrophysical Journal</i> , 2009, 700, 1680-1685.	1.6	59
124	Massive stars exploding in a He-rich circumstellar medium – IX. SN 2014av, and characterization of Type IIn SNe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 853-869.	1.6	59
125	The Asymmetric Explosion of Type Ia Supernovae as Seen from Near-Infrared Observations. <i>Astrophysical Journal</i> , 2006, 652, L101-L104.	1.6	58
126	Nebular Spectra of SN 1998bw Revisited: Detailed Study by One- and Two-dimensional Models. <i>Astrophysical Journal</i> , 2006, 640, 854-877.	1.6	58



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127	SN 2003bg: A BROAD-LINED TYPE IIb SUPERNOVA WITH HYDROGEN. <i>Astrophysical Journal</i> , 2009, 703, 1624-1634.	1.6	57
128	Two transitional type Ia supernovae located in the Fornax cluster member NGC 1404: SN 2007on and SN 2011iv. <i>Astronomy and Astrophysics</i> , 2018, 611, A58.	2.1	57
129	The evolution of superluminous supernova LSQ14mo and its interacting host galaxy system. <i>Astronomy and Astrophysics</i> , 2017, 602, A9.	2.1	56
130	Properties of Two Hypernovae Entering the Nebular Phase: SN 1997ef and SN 1997dq. <i>Astrophysical Journal</i> , 2004, 614, 858-863.	1.6	54
131	SUPERNOVA 2003bg: THE FIRST TYPE IIb HYPERNOVA. <i>Astrophysical Journal</i> , 2009, 703, 1612-1623.	1.6	54
132	SN 2011hs: a fast and faint Type IIb supernova from a supergiant progenitor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1807-1828.	1.6	54
133	SN 2010MB: DIRECT EVIDENCE FOR A SUPERNOVA INTERACTING WITH A LARGE AMOUNT OF HYDROGEN-FREE CIRCUMSTELLAR MATERIAL. <i>Astrophysical Journal</i> , 2014, 785, 37.	1.6	54
134	Diversity of gamma-ray burst energetics vs. supernova homogeneity: SN 2013cq associated with GRB 130427A. <i>Astronomy and Astrophysics</i> , 2014, 567, A29.	2.1	53
135	The very energetic, broad-lined Type Ic supernova 2010ah (PTF10bzf) in the context of GRB/SNe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2463-2473.	1.6	52
136	“Super-Chandrasekhar” Type Ia Supernovae at nebular epochs.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 3117-3130.	1.6	51
137	Formation of the Black Hole in Nova Scorpii. <i>Astrophysical Journal</i> , 2002, 567, 491-502.	1.6	50
138	Spectral luminosity indicators in Type Ia supernovae. Understanding the (Si $\epsilon$ /ii) line-strength ratio and beyond. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 389, 1087-1096.	1.6	50
139	EVIDENCE FOR TYPE Ia SUPERNOVA DIVERSITY FROM ULTRAVIOLET OBSERVATIONS WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2012, 749, 126.	1.6	49
140	SPECTRA AND LIGHT CURVES OF FAILED SUPERNOVAE. <i>Astrophysical Journal</i> , 2009, 707, 193-207.	1.6	49
141	Spectroscopy of the type Ia supernova SN 2002er: Days -11 to +215. <i>Astronomy and Astrophysics</i> , 2005, 436, 1021-1031.	2.1	48
142	The Optical/Near-Infrared Light Curves of SN 2002ap for the First 1.5 Years after Discovery. <i>Astrophysical Journal</i> , 2006, 644, 400-408.	1.6	48
143	Spectral modelling of the “super-Chandrasekhar” Type Ia SN 2009dc “testing a $M_{\text{white}} < sub > \checkmark < /sub >$ white dwarf explosion model and alternatives. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 2057-2078.	1.6	48
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