

Paolo A Mazzali

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.

236
papers

19,026
citations

76
h-index

128
g-index

248
ext. papers

20,485
ext. citations

8.1
avg, IF

5.88
L-index

#	Paper	IF	Citations
236	Carnegie Supernova Project-II: Near-infrared Spectroscopy of Stripped-envelope Core-collapse Supernovae*. <i>Astrophysical Journal</i> , 2022 , 925, 175	4.7	1
235	A very low central oxygen mass in the peculiar type Ia SN 2010lp: further diversity at the low-luminosity end of SNe Ia. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 5560-5569	4.3	1
234	A Tale of Two Type Ia Supernovae: The Fast-declining Siblings SNe 2015bo and 1997cn. <i>Astrophysical Journal</i> , 2022 , 928, 103	4.7	
233	Less Than 1% of Core-collapse Supernovae in the Local Universe Occur in Elliptical Galaxies. <i>Astrophysical Journal</i> , 2022 , 927, 10	4.7	1
232	Modelling of SN 2013dx associated with the low-redshift GRB130702A points to diversity in GRB/SN properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 4106-4119	4.3	1
231	Observations and spectral modelling of the narrow-lined Type Ic SN 2017ein. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 3829-3842	4.3	3
230	Extracting high-level information from gamma-ray burst supernova spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 5956-5965	4.3	8
229	Late-phase Spectropolarimetric Observations of Superluminous Supernova SN 2017egm to Probe the Geometry of the Inner Ejecta. <i>Astrophysical Journal</i> , 2020 , 894, 154	4.7	5
228	The rise and fall of an extraordinary Ca-rich transient. <i>Astronomy and Astrophysics</i> , 2020 , 635, A186	5.1	7
227	Type Ic supernova of a 22M \odot progenitor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 4369-4385	4.3	9
226	The formation of type Ia supernovae from carbon-oxygen-silicon white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 1445-1460	4.3	4
225	How much H and He is hidden in SNe Ib/c? II. Intermediate-mass objects: a 22 M \odot progenitor case study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 730-747	4.3	1
224	GRB 161219B/SN 2016jca: a powerful stellar collapse. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 5824-5839	4.3	21
223	Relativistic Jets in Core-collapse Supernovae. <i>Astrophysical Journal Letters</i> , 2019 , 871, L25	7.9	19
222	The nature of PISN candidates: clues from nebular spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 3451-3462	4.3	6
221	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	4.3	57
220	iPTF14hls as a variable hyper-wind from a very massive star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 ,	4.3	5

219	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	7.9	54
218	Identification of strontium in the merger of two neutron stars. <i>Nature</i> , 2019 , 574, 497-500	50.4	130
217	On the type Ia supernovae 2007on and 2011iv: evidence for Chandrasekhar-mass explosions at the faint end of the luminosity-width relationship. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 153-174	4.3	25
216	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am. <i>Astrophysical Journal</i> , 2018 , 853, 62	4.7	47
215	SN 2017dio: A Type-Ic Supernova Exploding in a Hydrogen-rich Circumstellar Medium. <i>Astrophysical Journal Letters</i> , 2018 , 854, L14	7.9	18
214	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	5.1	40
213	The Cow: Discovery of a Luminous, Hot, and Rapidly Evolving Transient. <i>Astrophysical Journal Letters</i> , 2018 , 865, L3	7.9	97
212	A hot and fast ultra-stripped supernova that likely formed a compact neutron star binary. <i>Science</i> , 2018 , 362, 201-206	33.3	55
211	SN 2016coi/ASASSN-16fp: an example of residual helium in a type Ic supernova?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 4162-4192	4.3	33
210	The delay of shock breakout due to circumstellar material evident in most type II supernovae. <i>Nature Astronomy</i> , 2018 , 2, 808-818	12.1	53
209	The evolution of superluminous supernova LSQ14mo and its interacting host galaxy system. <i>Astronomy and Astrophysics</i> , 2017 , 602, A9	5.1	47
208	The superluminous transient ASASSN-15lh as a tidal disruption event from a Kerr black hole. <i>Nature Astronomy</i> , 2017 , 1,	12.1	110
207	A hybrid type Ia supernova with an early flash triggered by helium-shell detonation. <i>Nature</i> , 2017 , 550, 80-83	50.4	70
206	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. <i>Nature</i> , 2017 , 551, 67-70	50.4	444
205	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017 , 358, 1559-1565	33.3	414
204	A physically motivated classification of stripped-envelope supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 2672-2694	4.3	30
203	Three-dimensional Explosion Geometry of Stripped-envelope Core-collapse Supernovae. II. Modeling of Polarization. <i>Astrophysical Journal</i> , 2017 , 837, 105	4.7	23
202	Modelling the Type Ic SN 2004aw: a moderately energetic explosion of a massive C+O star without a GRB. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 2498-2508	4.3	37

201	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	4.3	48
200	Optical photometry and spectroscopy of the low-luminosity, broad-lined Ic supernova iPTF15dld. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 1848-1856	4.3	4
199	Hydrogen-Poor Core-Collapse Supernovae 2017 , 277-292		2
198	RADIO OBSERVATIONS OF A SAMPLE OF BROAD-LINE TYPE IC SUPERNOVAE DISCOVERED BY PTF/IPTF: A SEARCH FOR RELATIVISTIC EXPLOSIONS. <i>Astrophysical Journal</i> , 2016 , 830, 42	4.7	34
197	Metallicity from Type II supernovae from the (i)PTF. <i>Astronomy and Astrophysics</i> , 2016 , 587, L7	5.1	14
196	Liverpool Telescope follow-up of candidate electromagnetic counterparts during the first run of Advanced LIGO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 3528-3536	4.3	13
195	SODIUM ABSORPTION SYSTEMS TOWARD SN Ia 2014J ORIGINATE ON INTERSTELLAR SCALES. <i>Astrophysical Journal</i> , 2016 , 816, 57	4.7	20
194	Exploring the spectroscopic diversity of type Ia supernovae with Deep Learning and Unsupervised Clustering. <i>Proceedings of the International Astronomical Union</i> , 2016 , 12, 247-252	0.1	1
193	Exploring the spectroscopic diversity of Type Ia supernovae with dracula: a machine learning approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 2044-2059	4.3	15
192	The bolometric light curves and physical parameters of stripped-envelope supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 2973-3002	4.3	89
191	Breaking the colour-reddening degeneracy in Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 373-382	4.3	10
190	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	4.3	54
189	Massive stars exploding in a He-rich circumstellar medium IX. SN 2014av, and characterization of Type Ibn SNe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 456, 853-869	4.3	46
188	Spectrum formation in superluminous supernovae (Type I). <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 3455-3465	4.3	83
187	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	4.3	172
186	A LUMINOUS PECULIAR TYPE IA SUPERNOVA SN 2011HR: MORE LIKE SN 1991T OR SN 2007if?. <i>Astrophysical Journal</i> , 2016 , 817, 114	4.7	15
185	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	7.9	64
184	Hydrogen-Poor Core-Collapse Supernovae 2016 , 1-16		0

183	A very luminous magnetar-powered supernova associated with an ultra-long γ -ray burst. <i>Nature</i> , 2015 , 523, 189-92	50.4	199
182	Type Ia supernova spectral features in the context of their host galaxy properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 354-368	4.3	30
181	Liverpool telescope 2: a new robotic facility for rapid transient follow-up. <i>Experimental Astronomy</i> , 2015 , 39, 119-165	1.3	8
180	ULTRAVIOLET SPECTROSCOPY OF TYPE IIB SUPERNOVAE: DIVERSITY AND THE IMPACT OF CIRCUMSTELLAR MATERIAL. <i>Astrophysical Journal</i> , 2015 , 803, 40	4.7	22
179	A MISSING-LINK IN THE SUPERNOVA-GRB CONNECTION: THE CASE OF SN 2012ap. <i>Astrophysical Journal</i> , 2015 , 805, 187	4.7	40
178	A metric space for Type Ia supernova spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 1247-1266	4.3	13
177	SN 2013dx associated with GRB 130702A: a detailed photometric and spectroscopic monitoring and a study of the environment. <i>Astronomy and Astrophysics</i> , 2015 , 577, A116	5.1	40
176	DETECTION OF BROAD H ϵ EMISSION LINES IN THE LATE-TIME SPECTRA OF A HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA. <i>Astrophysical Journal</i> , 2015 , 814, 108	4.7	88
175	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	5.1	178
174	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	4.3	55
173	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> , 2015 , 450, 2631-2643	4.3	63
172	Diversity of gamma-ray burst energetics vs. supernova homogeneity: SN 2013cq associated with GRB 130427A. <i>Astronomy and Astrophysics</i> , 2014 , 567, A29	5.1	46
171	Abundance stratification in Type Ia supernovae IV. The luminous, peculiar SN 1991T. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 711-725	4.3	37
170	Multi-epoch high-spectral-resolution observations of neutral sodium in 14 Type Ia supernovae?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 443, 1849-1860	4.3	37
169	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	4.3	46
168	Kiso Supernova Survey (KISS): Survey strategy. <i>Publication of the Astronomical Society of Japan</i> , 2014 , 66, 114	3.2	32
167	Hubble Space Telescope spectra of the Type Ia supernova SN 2011fe: a tail of low-density, high-velocity material with Z η . <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 1959-1979	4.3	123
166	SN 2010MB: DIRECT EVIDENCE FOR A SUPERNOVA INTERACTING WITH A LARGE AMOUNT OF HYDROGEN-FREE CIRCUMSTELLAR MATERIAL. <i>Astrophysical Journal</i> , 2014 , 785, 37	4.7	40

165	OPTICAL AND ULTRAVIOLET OBSERVATIONS OF A LOW-VELOCITY TYPE II PLATEAU SUPERNOVA 2013am IN M65. <i>Astrophysical Journal</i> , 2014 , 797, 5	4.7	22
164	An upper limit to the energy of gamma-ray bursts indicates that GRBs/SNe are powered by magnetars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 443, 67-71	4.3	83
163	Optical follow-up observations of PTF10qts, a luminous broad-lined Type Ic supernova found by the Palomar Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 2768-2779	4.3	19
162	DISCOVERY OF DRAMATIC OPTICAL VARIABILITY IN SDSS J1100+4421: A PECULIAR RADIO-LOUD NARROW-LINE SEYFERT 1 GALAXY?. <i>Astrophysical Journal Letters</i> , 2014 , 793, L26	7.9	13
161	INTERACTION BETWEEN THE BROAD-LINED TYPE Ic SUPERNOVA 2012ap AND CARRIERS OF DIFFUSE INTERSTELLAR BANDS. <i>Astrophysical Journal Letters</i> , 2014 , 782, L5	7.9	19
160	Supernova Discoveries 2010-2011: Statistics and Trends. <i>Publications of the Astronomical Society of the Pacific</i> , 2013 , 125, 749-752	5	29
159	Nebular spectroscopy of the nearby Type IIb supernova 2011dh. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 3614-3625	4.3	25
158	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	4.3	48
157	SN 2009ip [Ia] PESSTO: no evidence for core collapse yet?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 1312-1337	4.3	89
156	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	4.7	57
155	DISCOVERY, PROGENITOR AND EARLY EVOLUTION OF A STRIPPED ENVELOPE SUPERNOVA iPTF13bvn. <i>Astrophysical Journal Letters</i> , 2013 , 775, L7	7.9	145
154	GRB 081007 AND GRB 090424: THE SURROUNDING MEDIUM, OUTFLOWS, AND SUPERNOVAE. <i>Astrophysical Journal</i> , 2013 , 774, 114	4.7	36
153	THE FAST AND FURIOUS DECAY OF THE PECULIAR TYPE Ic SUPERNOVA 2005ek. <i>Astrophysical Journal</i> , 2013 , 774, 58	4.7	84
152	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	4.7	60
151	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> , 2013 , 429, 2228-2248	4.3	45
150	Super-Chandrasekhar Type Ia Supernovae at nebular epochs?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 3117-3130	4.3	45
149	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	4.3	119
148	The nebular spectra of the Type Ia supernova 1991bg: further evidence of a non-standard explosion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 2926-2935	4.3	33

147	UNBURNED MATERIAL IN THE EJECTA OF TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2012 , 745, 74	4.7	63
146	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	4.3	80
145	Spectral modelling of the Super-Chandrasekhar Type Ia SN 2009dc: Testing a 2 M _⊙ white dwarf explosion model and alternatives. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 2057-2078	4.3	41
144	The optical SN 2012bz associated with the long GRB 120422A. <i>Astronomy and Astrophysics</i> , 2012 , 547, A82	5.1	43
143	DISCOVERY AND EARLY MULTI-WAVELENGTH MEASUREMENTS OF THE ENERGETIC TYPE Ic SUPERNOVA PTF12GZK: A MASSIVE-STAR EXPLOSION IN A DWARF HOST GALAXY. <i>Astrophysical Journal Letters</i> , 2012 , 760, L33	7.9	35
142	ASWIFTLOOK AT SN 2011fe: THE EARLIEST ULTRAVIOLET OBSERVATIONS OF A TYPE Ia SUPERNOVA. <i>Astrophysical Journal</i> , 2012 , 753, 22	4.7	97
141	EVIDENCE FOR A COMPACT WOLF-RAYET PROGENITOR FOR THE TYPE Ic SUPERNOVA PTF 10vgv. <i>Astrophysical Journal Letters</i> , 2012 , 747, L5	7.9	33
140	EVIDENCE FOR TYPE Ia SUPERNOVA DIVERSITY FROM ULTRAVIOLET OBSERVATIONS WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 749, 126	4.7	45
139	THE HIGHLY ENERGETIC EXPANSION OF SN 2010bh ASSOCIATED WITH GRB 100316D. <i>Astrophysical Journal</i> , 2012 , 753, 67	4.7	94
138	ANALYSIS OF THE EARLY-TIME OPTICAL SPECTRA OF SN 2011fe IN M101. <i>Astrophysical Journal Letters</i> , 2012 , 752, L26	7.9	65
137	THREE-DIMENSIONAL EXPLOSION GEOMETRY OF STRIPPED-ENVELOPE CORE-COLLAPSE SUPERNOVAE. I. SPECTROPOLARIMETRIC OBSERVATIONS. <i>Astrophysical Journal</i> , 2012 , 754, 63	4.7	30
136	XRF 100316D/SN 2010bh AND THE NATURE OF GAMMA-RAY BURST SUPERNOVAE. <i>Astrophysical Journal</i> , 2011 , 740, 41	4.7	80
135	H and He in stripped-envelope SNe: How much can be hidden?. <i>Proceedings of the International Astronomical Union</i> , 2011 , 7, 122-125	0.1	
134	Supernovae and Gamma-ray Bursts. <i>Proceedings of the International Astronomical Union</i> , 2011 , 7, 75-82	0.1	
133	Spectropolarimetry of Type Ibc Supernovae. <i>Proceedings of the International Astronomical Union</i> , 2011 , 7, 138-141	0.1	
132	PTF 10bzf (SN 2010ah): A BROAD-LINE Ic SUPERNOVA DISCOVERED BY THE PALOMAR TRANSIENT FACTORY. <i>Astrophysical Journal</i> , 2011 , 741, 76	4.7	33
131	SN 2009bb: A PECULIAR BROAD-LINED TYPE Ic SUPERNOVA. <i>Astrophysical Journal</i> , 2011 , 728, 14	4.7	74
130	HELIUM SHELL DETONATIONS ON LOW-MASS WHITE DWARFS AS A POSSIBLE EXPLANATION FOR SN 2005E. <i>Astrophysical Journal</i> , 2011 , 738, 21	4.7	85

129	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	7.9	138
128	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	4.3	152
127	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	4.3	153
126	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	4.3	69
125	The He-rich stripped-envelope core-collapse supernova 2008ax?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 413, 2140-2156	4.3	65
124	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	4.3	66
123	The nebular spectrum of the Type Ia supernova 2003hv: evidence for a non-standard event. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 416, 881-892	4.3	35
122	SN 2009jf: a slow-evolving stripped-envelope core-collapse supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 416, 3138-3159	4.3	107
121	nerolb post-maximum supernova radiation transport code. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 418, 1517-1525	4.3	17
120	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	4.7	71
119	Supernova SN 2011fe from an exploding carbon-oxygen white dwarf star. <i>Nature</i> , 2011 , 480, 344-7	50.4	353
118	Oxygen recombination in the nebular phase of supernovae 1998bw and 2002ap. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 408, 947-960	4.3	14
117	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> , 2010 , 408, 87-96	4.3	59
116	Hydrogen and helium in the late phase of supernovae of Type IIb. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 409, 1441-1454	4.3	36
115	Abundance stratification in Type Ia supernovae - III. The normal SN 2003du. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , no-no	4.3	8
114	Characteristic velocities of stripped-envelope core-collapse supernova cores?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 402, 161-172	4.3	29
113	A faint type of supernova from a white dwarf with a helium-rich companion. <i>Nature</i> , 2010 , 465, 322-5	50.4	240
112	An asymmetric explosion as the origin of spectral evolution diversity in type Ia supernovae. <i>Nature</i> , 2010 , 466, 82-5	50.4	180

111	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	4.7	75
110	FALLBACK SUPERNOVAE: A POSSIBLE ORIGIN OF PECULIAR SUPERNOVAE WITH EXTREMELY LOW EXPLOSION ENERGIES. <i>Astrophysical Journal</i> , 2010 , 719, 1445-1453	4.7	100
109	THE ABSOLUTE MAGNITUDES OF TYPE Ia SUPERNOVAE IN THE ULTRAVIOLET. <i>Astrophysical Journal</i> , 2010 , 721, 1608-1626	4.7	85
108	SPECTRA OF TYPE IA SUPERNOVAE FROM DOUBLE DEGENERATE MERGERS. <i>Astrophysical Journal</i> , 2010 , 725, 296-308	4.7	63
107	NEAR-ULTRAVIOLET PROPERTIES OF A LARGE SAMPLE OF TYPE Ia SUPERNOVAE AS OBSERVED WITH THESwiftUVOT. <i>Astrophysical Journal</i> , 2010 , 721, 1627-1655	4.7	56
106	SN 2003bg: A BROAD-LINED TYPE IIb SUPERNOVA WITH HYDROGEN. <i>Astrophysical Journal</i> , 2009 , 703, 1624-1634	4.7	51
105	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	4.3	123
104	Spectral analysis of the 91bg-like Type Ia SN 2005bl: low luminosity, low velocities, incomplete burning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 399, 1238-1254	4.3	31
103	A low-energy core-collapse supernova without a hydrogen envelope. <i>Nature</i> , 2009 , 459, 674-7	50.4	140
102	Optical Spectroscopy of the Somewhat Peculiar Type IIb Supernova 2001ig. <i>Publications of the Astronomical Society of the Pacific</i> , 2009 , 121, 689-698	5	31
101	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	4.7	54
100	SUBARU AND KECK OBSERVATIONS OF THE PECULIAR TYPE IA SUPERNOVA 2006GZ AT LATE PHASES. <i>Astrophysical Journal</i> , 2009 , 690, 1745-1752	4.7	42
99	THE HE-RICH CORE-COLLAPSE SUPERNOVA 2007Y: OBSERVATIONS FROM X-RAY TO RADIO WAVELENGTHS. <i>Astrophysical Journal</i> , 2009 , 696, 713-728	4.7	87
98	SUPERNOVA 2003bg: THE FIRST TYPE IIb HYPERNOVA. <i>Astrophysical Journal</i> , 2009 , 703, 1612-1623	4.7	49
97	SPECTROPOLARIMETRY OF THE UNIQUE TYPE Ib SUPERNOVA 2005bf: LARGER ASYMMETRY REVEALED BY LATER-PHASE DATA. <i>Astrophysical Journal</i> , 2009 , 699, 1119-1124	4.7	31
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