

# Mark Sullivan

## List of Publications by Citations

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261  
papers

23,790  
citations

83  
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271  
ext. papers

26,158  
ext. citations

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avg, IF

5.75  
L-index

#	Paper	IF	Citations
261	The Supernova Legacy Survey: measurement of $\Omega_{\text{M}}$ , $\Omega_{\text{Lambda}}$ and $w$ from the first year data set. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 447, 31-48	5.1	1882
260	New Constraints on $\Omega_{\text{M}}$ , $\Omega_{\text{Lambda}}$ and $w$ from an Independent Set of 11 High-Redshift Supernovae Observed with the Hubble Space Telescope. <i>Astrophysical Journal</i> , <b>2003</b> , 598, 102-137	4.7	1298
259	Improved cosmological constraints from a joint analysis of the SDSS-II and SNLS supernova samples. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 568, A22	5.1	1153
258	The Palomar Transient Factory: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2009</b> , 121, 1395-1408	5	798
257	Exploring the Optical Transient Sky with the Palomar Transient Factory. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2009</b> , 121, 1334-1351	5	559
256	SUPERNOVA CONSTRAINTS AND SYSTEMATIC UNCERTAINTIES FROM THE FIRST THREE YEARS OF THE SUPERNOVA LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 192, 1	8	558
255	SALT2: using distant supernovae to improve the use of type Ia supernovae as distance indicators. <i>Astronomy and Astrophysics</i> , <b>2007</b> , 466, 11-21	5.1	552
254	A kilonova as the electromagnetic counterpart to a gravitational-wave source. <i>Nature</i> , <b>2017</b> , 551, 75-79	50.4	420
253	Rates and Properties of Type Ia Supernovae as a Function of Mass and Star Formation in Their Host Galaxies. <i>Astrophysical Journal</i> , <b>2006</b> , 648, 868-883	4.7	387
252	Hydrogen-poor superluminous stellar explosions. <i>Nature</i> , <b>2011</b> , 474, 487-9	50.4	378
251	The type Ia supernova SNLS-03D3bb from a super-Chandrasekhar-mass white dwarf star. <i>Nature</i> , <b>2006</b> , 443, 308-11	50.4	378
250	Supernova SN 2011fe from an exploding carbon-oxygen white dwarf star. <i>Nature</i> , <b>2011</b> , 480, 344-7	50.4	353
249	Supernova 2007bi as a pair-instability explosion. <i>Nature</i> , <b>2009</b> , 462, 624-7	50.4	343
248	The Supernova Legacy Survey 3-year sample: Type Ia supernovae photometric distances and cosmological constraints. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 523, A7	5.1	339
247	SNLS3: CONSTRAINTS ON DARK ENERGY COMBINING THE SUPERNOVA LEGACY SURVEY THREE-YEAR DATA WITH OTHER PROBES. <i>Astrophysical Journal</i> , <b>2011</b> , 737, 102	4.7	337
246	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 239, 18	8	313
245	A CONTINUUM OF H- TO He-RICH TIDAL DISRUPTION CANDIDATES WITH A PREFERENCE FOR E+A GALAXIES. <i>Astrophysical Journal</i> , <b>2014</b> , 793, 38	4.7	256

244	PTF 11kx: a type Ia supernova with a symbiotic nova progenitor. <i>Science</i> , <b>2012</b> , 337, 942-5	33.3	254
243	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
242	K-Corrections and Spectral Templates of Type Ia Supernovae. <i>Astrophysical Journal</i> , <b>2007</b> , 663, 1187-1200	4.7	230
241	A COMPACT DEGENERATE PRIMARY-STAR PROGENITOR OF SN 2011fe. <i>Astrophysical Journal Letters</i> , <b>2012</b> , 744, L17	7.9	222
240	SiFTO: An Empirical Method for Fitting SN Ia Light Curves. <i>Astrophysical Journal</i> , <b>2008</b> , 681, 482-498	4.7	189
239	An ultraviolet-selected galaxy redshift survey III. The physical nature of star formation in an enlarged sample. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2000</b> , 312, 442-464	4.3	181
238	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
237	The dependence of Type Ia Supernovae luminosities on their host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , no-no	4.3	178
236	The diversity of Type II supernova versus the similarity in their progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 459, 3939-3962	4.3	159
235	An outburst from a massive star 40 days before a supernova explosion. <i>Nature</i> , <b>2013</b> , 494, 65-7	50.4	155
234	The VISTA Deep Extragalactic Observations (VIDEO) survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 428, 1281-1295	4.3	153
233	TYPE Ia SUPERNOVAE STRONGLY INTERACTING WITH THEIR CIRCUMSTELLAR MEDIUM. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 207, 3	8	152
232	Gemini Spectroscopy of Supernovae from the Supernova Legacy Survey: Improving High-Redshift Supernova Selection and Classification. <i>Astrophysical Journal</i> , <b>2005</b> , 634, 1190-1201	4.7	150
231	CALCIUM-RICH GAP TRANSIENTS IN THE REMOTE OUTSKIRTS OF GALAXIES. <i>Astrophysical Journal</i> , <b>2012</b> , 755, 161	4.7	146
230	Confined dense circumstellar material surrounding a regular type II supernova. <i>Nature Physics</i> , <b>2017</b> , 13, 510-517	16.2	145
229	CORE-COLLAPSE SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: INDICATIONS FOR A DIFFERENT POPULATION IN DWARF GALAXIES. <i>Astrophysical Journal</i> , <b>2010</b> , 721, 777-784	4.7	145
228	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
227	SUPERNOVA SIMULATIONS AND STRATEGIES FOR THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , <b>2012</b> , 753, 152	4.7	135

226	PRECURSORS PRIOR TO TYPE II <sub>n</sub> SUPERNOVA EXPLOSIONS ARE COMMON: PRECURSOR RATES, PROPERTIES, AND CORRELATIONS. <i>Astrophysical Journal</i> , <b>2014</b> , 789, 104	4.7	133
225	SUPERNOVA PTF 09UJ: A POSSIBLE SHOCK BREAKOUT FROM A DENSE CIRCUMSTELLAR WIND. <i>Astrophysical Journal</i> , <b>2010</b> , 724, 1396-1401	4.7	131
224	Is There Evidence for a Hubble Bubble? The Nature of Type Ia Supernova Colors and Dust in External Galaxies. <i>Astrophysical Journal</i> , <b>2007</b> , 664, L13-L16	4.7	130
223	Superluminous supernovae at redshifts of 2.05 and 3.90. <i>Nature</i> , <b>2012</b> , 491, 228-31	50.4	125
222	THE EXTREME HOSTS OF EXTREME SUPERNOVAE. <i>Astrophysical Journal</i> , <b>2011</b> , 727, 15	4.7	124
221	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
220	Hubble Space Telescope spectra of the Type Ia supernova SN2011fe: a tail of low-density, high-velocity material with Z $\square$ <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 439, 1959-1979	4.3	123
219	THE EFFECT OF PROGENITOR AGE AND METALLICITY ON LUMINOSITY AND <sup>56</sup> Ni YIELD IN TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , <b>2009</b> , 691, 661-671	4.7	123
218	Superluminous supernovae from PESSTO. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 444, 2096-2113	4.3	119
217	The Palomar Transient Factory Photometric Calibration. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2012</b> , 124, 62-73	5	118
216	FLASH SPECTROSCOPY: EMISSION LINES FROM THE IONIZED CIRCUMSTELLAR MATERIAL AROUND . <i>Astrophysical Journal</i> , <b>2016</b> , 818, 3	4.7	114
215	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 872, L30	7.9	113
214	A Comparison of Independent Star Formation Diagnostics for an Ultraviolet-selected Sample of Nearby Galaxies. <i>Astrophysical Journal</i> , <b>2001</b> , 558, 72-80	4.7	113
213	Toward a Cosmological Hubble Diagram for Type II-P Supernovae. <i>Astrophysical Journal</i> , <b>2006</b> , 645, 841-859	4.7	112
212	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
211	RAPIDLY DECAYING SUPERNOVA 2010X: A CANDIDATE $\square$ EXPLOSION. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 723, L98-L102	7.9	110
210	Verifying the Cosmological Utility of Type Ia Supernovae: Implications of a Dispersion in the Ultraviolet Spectra. <i>Astrophysical Journal</i> , <b>2008</b> , 674, 51-69	4.7	110
209	The Hubble diagram of type Ia supernovae as a function of host galaxy morphology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2003</b> , 340, 1057-1075	4.3	104

208	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
207	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , <b>2015</b> , 150, 172	4.9	101
206	Supernova shock breakout from a red supergiant. <i>Science</i> , <b>2008</b> , 321, 223-6	33.3	98
205	THE CFHTLS-DEEP CATALOG OF INTERACTING GALAXIES. I. MERGER RATE EVOLUTION TO $z=1.2$ . <i>Astrophysical Journal</i> , <b>2010</b> , 709, 1067-1082	4.7	97
204	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. <i>Science</i> , <b>2017</b> , 356, 291-295	33.3	96
203	Photometric calibration of the Supernova Legacy Survey fields. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 506, 999-1042	5.1	96
202	THE LOCAL HOSTS OF TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , <b>2009</b> , 707, 1449-1465	4.7	96
201	RAPIDLY RISING TRANSIENTS IN THE SUPERNOVA SUPERLUMINOUS SUPERNOVA GAP. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 35	4.7	95
200	THE ASSEMBLY HISTORY OF DISK GALAXIES. I. THE TULLY-FISHER RELATION TO $z=1.3$ FROM DEEP EXPOSURES WITH DEIMOS. <i>Astrophysical Journal</i> , <b>2011</b> , 741, 115	4.7	94
199	The Type Ia Supernova Rate at $z \sim 0.5$ from the Supernova Legacy Survey. <i>Astronomical Journal</i> , <b>2006</b> , 132, 1126-1145	4.9	94
198	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 2184-2196	4.3	93
197	The Distant Type Ia Supernova Rate. <i>Astrophysical Journal</i> , <b>2002</b> , 577, 120-132	4.7	93
196	The core-collapse rate from the Supernova Legacy Survey. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 499, 653-660	5.0	92
195	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , <b>2015</b> , 150, 82	4.9	91
194	SN 2010jl: OPTICAL TO HARD X-RAY OBSERVATIONS REVEAL AN EXPLOSION EMBEDDED IN A TEN SOLAR MASS COCOON. <i>Astrophysical Journal</i> , <b>2014</b> , 781, 42	4.7	91
193	THE CARNEGIE SUPERNOVA PROJECT: FIRST NEAR-INFRARED HUBBLE DIAGRAM TO $z \sim 0.7$ . <i>Astrophysical Journal</i> , <b>2009</b> , 704, 1036-1058	4.7	90
192	SN 2009ip Ia PESSTO: no evidence for core collapse yet?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 433, 1312-1337	4.3	89
191	TWO SUPERLUMINOUS SUPERNOVAE FROM THE EARLY UNIVERSE DISCOVERED BY THE SUPERNOVA LEGACY SURVEY. <i>Astrophysical Journal</i> , <b>2013</b> , 779, 98	4.7	89

190	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
189	Energetic eruptions leading to a peculiar hydrogen-rich explosion of a massive star. <i>Nature</i> , <b>2017</b> , 551, 210-213	50.4	88
188	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
187	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
186	Deep SAURON spectral imaging of the diffuse Lyman $\alpha$ halo LAB1 in SSA 22. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2004</b> , 351, 63-69	4.3	88
185	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
184	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
183	Predicted and Observed Evolution in the Mean Properties of Type Ia Supernovae with Redshift. <i>Astrophysical Journal</i> , <b>2007</b> , 667, L37-L40	4.7	84
182	Spectrum formation in superluminous supernovae (Type I). <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 458, 3455-3465	4.3	83
181	Photometric Selection of High-Redshift Type Ia Supernova Candidates. <i>Astronomical Journal</i> , <b>2006</b> , 131, 960-972	4.9	83
180	The Rise Time of Type Ia Supernovae from the Supernova Legacy Survey. <i>Astronomical Journal</i> , <b>2006</b> , 132, 1707-1713	4.9	83
179	Chemical abundances in a UV-selected sample of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2002</b> , 330, 75-91	4.3	83
178	THE HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA IPTF 13ajg AND ITS HOST GALAXY IN ABSORPTION AND EMISSION. <i>Astrophysical Journal</i> , <b>2014</b> , 797, 24	4.7	81
177	The rise-time of Type II supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 2212-2239	4.3	80
176	Studying the diversity of Type Ia supernovae in the ultraviolet: comparing models with observations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 427, 103-113	4.3	80
175	The Progenitors of Type Ia Supernovae. <i>Astrophysical Journal</i> , <b>2008</b> , 683, L25-L28	4.7	80
174	Rapidly evolving transients in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 894-917	4.3	77
173	PTF10iya: a short-lived, luminous flare from the nuclear region of a star-forming galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 420, 2684-2699	4.3	76

172	SNLS spectroscopy: testing for evolution in type Ia supernovae. <i>Astronomy and Astrophysics</i> , <b>2008</b> , 477, 717-734	5.1	75
171	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
170	REAL-TIME DETECTION AND RAPID MULTIWAVELENGTH FOLLOW-UP OBSERVATIONS OF A HIGHLY SUBLUMINOUS TYPE II-P SUPERNOVA FROM THE PALOMAR TRANSIENT FACTORY SURVEY. <i>Astrophysical Journal</i> , <b>2011</b> , 736, 159	4.7	71
169	Light Curves of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. <i>Astrophysical Journal</i> , <b>2018</b> , 860, 100	4.7	71
168	CONSTRAINING TYPE Ia SUPERNOVAE PROGENITORS FROM THREE YEARS OF SUPERNOVA LEGACY SURVEY DATA. <i>Astrophysical Journal</i> , <b>2011</b> , 741, 20	4.7	68
167	Spectra of Hydrogen-poor Superluminous Supernovae from the Palomar Transient Factory. <i>Astrophysical Journal</i> , <b>2018</b> , 855, 2	4.7	67
166	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
165	LONG-DURATION SUPERLUMINOUS SUPERNOVAE AT LATE TIMES. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 13	4.7	66
164	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
163	The volumetric rate of superluminous supernovae at $z \sim 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 3568-3579	4.3	64
162	A MULTI-WAVELENGTH INVESTIGATION OF THE RADIO-LOUD SUPERNOVA PTF11qj AND ITS CIRCUMSTELLAR ENVIRONMENT. <i>Astrophysical Journal</i> , <b>2014</b> , 782, 42	4.7	64
161	DES14X3taz: A TYPE I SUPERLUMINOUS SUPERNOVA SHOWING A LUMINOUS, RAPIDLY COOLING INITIAL PRE-PEAK BUMP. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 818, L8	7.9	63
160	Diversity in extinction laws of Type Ia supernovae measured between 0.2 and 2 $\mu$ m. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 3301-3329	4.3	63
159	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
158	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
157	The Palomar Transient Factory photometric catalog 1.0. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2012</b> , 124, 854-860	5	61
156	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 3047-3063	4.3	59
155	SLOW-SPEED SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: TWO CHANNELS. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 52	4.7	58

154	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
153	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
152	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
151	Strong near-infrared carbon in the Type Ia supernova iPTF13ebh. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 578, A9	5-1	55
150	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
149	X-RAY EMISSION FROM SUPERNOVAE IN DENSE CIRCUMSTELLAR MATTER ENVIRONMENTS: A SEARCH FOR COLLISIONLESS SHOCKS. <i>Astrophysical Journal</i> , <b>2013</b> , 763, 42	4-7	55
148	A hot and fast ultra-stripped supernova that likely formed a compact neutron star binary. <i>Science</i> , <b>2018</b> , 362, 201-206	33-3	55
147	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
146	INTERACTION-POWERED SUPERNOVAE: RISE-TIME VERSUS PEAK-LUMINOSITY CORRELATION AND THE SHOCK-BREAKOUT VELOCITY. <i>Astrophysical Journal</i> , <b>2014</b> , 788, 154	4-7	53
145	EVOLUTION IN THE VOLUMETRIC TYPE Ia SUPERNOVA RATE FROM THE SUPERNOVA LEGACY SURVEY. <i>Astronomical Journal</i> , <b>2012</b> , 144, 59	4-9	53
144	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 150	4-7	52
143	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
142	THE SUBLUMINOUS AND PECULIAR TYPE Ia SUPERNOVA PTF 09dav. <i>Astrophysical Journal</i> , <b>2011</b> , 732, 118	4-7	52
141	REAL-TIME ANALYSIS AND SELECTION BIASES IN THE SUPERNOVA LEGACY SURVEY. <i>Astronomical Journal</i> , <b>2010</b> , 140, 518-532	4-9	51
140	DES13S2cmm: the first superluminous supernova from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 1215-1227	4-3	50
139	Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light. <i>Astrophysical Journal</i> , <b>2017</b> , 836, 158	4-7	49
138	The ESO/VLT 3rd year Type Ia supernova data set from the Supernova Legacy Survey. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 507, 85-103	5-1	49
137	Observational properties of thermonuclear supernovae. <i>Nature Astronomy</i> , <b>2019</b> , 3, 706-716	12-1	48



136	PTF 10fq: A LUMINOUS RED NOVA IN THE SPIRAL GALAXY MESSIER 99. <i>Astrophysical Journal</i> , <b>2011</b> , 730, 134	4.7	48
135	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
134	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
133	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
132	SN 2010jp (PTF10aaxi): a jet in a Type II supernova. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 420, 1135-1144	4.3	47
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