

Ryan Foley

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	The Complete Light-curve Sample of Spectroscopically Confirmed SNe Ia from Pan-STARRS1 and Cosmological Constraints from the Combined Pantheon Sample. <i>Astrophysical Journal</i> , 2018, 859, 101.	1.6	1,694
2	A 2.4% DETERMINATION OF THE LOCAL VALUE OF THE HUBBLE CONSTANT H_0 . <i>Astrophysical Journal</i> , 2016, 826, 56.	1.6	1,632
3	New Hubble Space Telescope Discoveries of Type Ia Supernovae at $z \leq 1$: Narrowing Constraints on the Early Behavior of Dark Energy. <i>Astrophysical Journal</i> , 2007, 659, 98-121.	1.6	1,430
4	Improved cosmological constraints from a joint analysis of the SDSS-II and SNLS supernova samples. <i>Astronomy and Astrophysics</i> , 2014, 568, A22.	2.1	1,422
5	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. <i>Science</i> , 2017, 358, 1556-1558.	6.0	811
6	Observational Constraints on the Nature of Dark Energy: First Cosmological Results from the ESSENCE Supernova Survey. <i>Astrophysical Journal</i> , 2007, 666, 694-715.	1.6	742
7	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. II. UV, Optical, and Near-infrared Light Curves and Comparison to Kilonova Models. <i>Astrophysical Journal Letters</i> , 2017, 848, L17.	3.0	656
8	Nearby supernova rates from the Lick Observatory Supernova Search - II. The observed luminosity functions and fractions of supernovae in a complete sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 1441-1472.	1.6	597
9	FIRST-YEAR SLOAN DIGITAL SKY SURVEY-II SUPERNOVA RESULTS: HUBBLE DIAGRAM AND COSMOLOGICAL PARAMETERS. <i>Astrophysical Journal, Supplement Series</i> , 2009, 185, 32-84.	3.0	565
10	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. <i>Science</i> , 2017, 358, 1570-1574.	6.0	517
11	Scrutinizing Exotic Cosmological Models Using ESSENCE Supernova Data Combined with Other Cosmological Probes. <i>Astrophysical Journal</i> , 2007, 666, 716-725.	1.6	497
12	GALAXY CLUSTERS DISCOVERED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE 2500-SQUARE-DEGREE SPT-SZ SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2015, 216, 27.	3.0	464
13	SN 2006gy: Discovery of the Most Luminous Supernova Ever Recorded, Powered by the Death of an Extremely Massive Star like $\hat{\iota}$ -Carinae. <i>Astrophysical Journal</i> , 2007, 666, 1116-1128.	1.6	460
14	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 18.	3.0	455
15	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. I. Discovery of the Optical Counterpart Using the Dark Energy Camera. <i>Astrophysical Journal Letters</i> , 2017, 848, L16.	3.0	392
16	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. IV. Detection of Near-infrared Signatures of r-process Nucleosynthesis with Gemini-South. <i>Astrophysical Journal Letters</i> , 2017, 848, L19.	3.0	390
17	THE SLOAN DIGITAL SKY SURVEY-II SUPERNOVA SURVEY: TECHNICAL SUMMARY. <i>Astronomical Journal</i> , 2008, 135, 338-347.	1.9	377
18	An ultraviolet ϵ -optical flare from the tidal disruption of a helium-rich stellar core. <i>Nature</i> , 2012, 485, 217-220.	13.7	373

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19	A PHOTOMETRIC REDSHIFT OF $z \approx 9.4$ FOR GRB 090429B. <i>Astrophysical Journal</i> , 2011, 736, 7.	1.6	352
20	TYPE Iax SUPERNOVAE: A NEW CLASS OF STELLAR EXPLOSION. <i>Astrophysical Journal</i> , 2013, 767, 57.	1.6	295
21	The ESSENCE Supernova Survey: Survey Optimization, Observations, and Supernova Photometry. <i>Astrophysical Journal</i> , 2007, 666, 674-693.	1.6	289
22	GALAXY CLUSTERS SELECTED WITH THE SUNYAEV-ZEL'DOVICH EFFECT FROM 2008 SOUTH POLE TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2010, 722, 1180-1196.	1.6	285
23	A relativistic type Ibc supernova without a detected $\hat{\Gamma}^3$ -ray burst. <i>Nature</i> , 2010, 463, 513-515.	13.7	275
24	A faint type of supernova from a white dwarf with a helium-rich companion. <i>Nature</i> , 2010, 465, 322-325.	13.7	273
25	Berkeley Supernova Ia Program - I. Observations, data reduction and spectroscopic sample of 582 low-redshift Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1789-1818.	1.6	262
26	COSMOLOGICAL CONSTRAINTS FROM MEASUREMENTS OF TYPE Ia SUPERNOVAE DISCOVERED DURING THE FIRST 1.5 yr OF THE Pan-STARRS1 SURVEY. <i>Astrophysical Journal</i> , 2014, 795, 44.	1.6	262
27	Closing in on a Short-Hard Burst Progenitor: Constraints from Early-Time Optical Imaging and Spectroscopy of a Possible Host Galaxy of GRB 050509b. <i>Astrophysical Journal</i> , 2006, 638, 354-368.	1.6	258
28	RAPIDLY EVOLVING AND LUMINOUS TRANSIENTS FROM PAN-STARRS1. <i>Astrophysical Journal</i> , 2014, 794, 23.	1.6	254
29	SN 2006jc: A Wolf-Rayet Star Exploding in a Dense He-rich Circumstellar Medium. <i>Astrophysical Journal</i> , 2007, 657, L105-L108.	1.6	247
30	GALAXY CLUSTERS DISCOVERED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE FIRST 720 SQUARE DEGREES OF THE SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2013, 763, 127.	1.6	240
31	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. <i>Science</i> , 2017, 358, 1574-1578.	6.0	240
32	IMPROVED DISTANCES TO TYPE Ia SUPERNOVAE WITH TWO SPECTROSCOPIC SUBCLASSES. <i>Astrophysical Journal</i> , 2009, 699, L139-L143.	1.6	238
33	HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE AND LONG-DURATION GAMMA-RAY BURSTS HAVE SIMILAR HOST GALAXIES. <i>Astrophysical Journal</i> , 2014, 787, 138.	1.6	221
34	FROM SHOCK BREAKOUT TO PEAK AND BEYOND: EXTENSIVE PANCHROMATIC OBSERVATIONS OF THE TYPE Ib SUPERNOVA 2008D ASSOCIATED WITH SWIFT X-RAY TRANSIENT 080109. <i>Astrophysical Journal</i> , 2009, 702, 226-248.	1.6	216
35	THE EFFECT OF HOST GALAXIES ON TYPE Ia SUPERNOVAE IN THE SDSS-II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2010, 722, 566-576.	1.6	216
36	A SUNYAEV-ZEL'DOVICH-SELECTED SAMPLE OF THE MOST MASSIVE GALAXY CLUSTERS IN THE 2500 deg ² SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2011, 738, 139.	1.6	213

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37	Cluster Cosmology Constraints from the 2500 deg ² SPT-SZ Survey: Inclusion of Weak Gravitational Lensing Data from Magellan and the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2019, 878, 55.	1.6	211
38	COSMOLOGICAL CONSTRAINTS FROM SUNYAEV-ZEL'DOVICH-SELECTED CLUSTERS WITH X-RAY OBSERVATIONS IN THE FIRST 178 deg ² OF THE SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2013, 763, 147.	1.6	206
39	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. <i>Science</i> , 2017, 358, 1583-1587.	6.0	203
40	The broad-lined Type Ic supernova 2003jd... <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 383, 1485-1500.	1.6	202
41	ON THE SOURCE OF THE DUST EXTINCTION IN TYPE Ia SUPERNOVAE AND THE DISCOVERY OF ANOMALOUSLY STRONG Na I ABSORPTION. <i>Astrophysical Journal</i> , 2013, 779, 38.	1.6	202
42	Multiple images of a highly magnified supernova formed by an early-type cluster galaxy lens. <i>Science</i> , 2015, 347, 1123-1126.	6.0	202
43	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. <i>Astrophysical Journal Letters</i> , 2019, 872, L30.	3.0	201
44	SN 2006tf: Precursor Eruptions and the Optically Thick Regime of Extremely Luminous Type II _n Supernovae. <i>Astrophysical Journal</i> , 2008, 686, 467-484.	1.6	195
45	SN 2008ha: AN EXTREMELY LOW LUMINOSITY AND EXCEPTIONALLY LOW ENERGY SUPERNOVA. <i>Astronomical Journal</i> , 2009, 138, 376-391.	1.9	193
46	A PANCHROMATIC VIEW OF THE RESTLESS SN 2009ip REVEALS THE EXPLOSIVE EJECTION OF A MASSIVE STAR ENVELOPE. <i>Astrophysical Journal</i> , 2014, 780, 21.	1.6	182
47	TYPE Ia SUPERNOVAE STRONGLY INTERACTING WITH THEIR CIRCUMSTELLAR MEDIUM. <i>Astrophysical Journal</i> , Supplement Series, 2013, 207, 3.	3.0	180
48	COSMOLOGICAL CONSTRAINTS FROM GALAXY CLUSTERS IN THE 2500 SQUARE-DEGREE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2016, 832, 95.	1.6	179
49	Seventeen Tidal Disruption Events from the First Half of ZTF Survey Observations: Entering a New Era of Population Studies. <i>Astrophysical Journal</i> , 2021, 908, 4.	1.6	174
50	Pan-STARRS1 DISCOVERY OF TWO ULTRALUMINOUS SUPERNOVAE AT $z \approx 0.9$. <i>Astrophysical Journal</i> , 2011, 743, 114.	1.6	168
51	THE ULTRAVIOLET-BRIGHT, SLOWLY DECLINING TRANSIENT PS1-11af AS A PARTIAL TIDAL DISRUPTION EVENT. <i>Astrophysical Journal</i> , 2014, 780, 44.	1.6	166
52	Optical and Near-Infrared Observations of the Highly Reddened, Rapidly Expanding Type Ia Supernova SN 2006X in M100. <i>Astrophysical Journal</i> , 2008, 675, 626-643.	1.6	162
53	SN 2004aw: confirming diversity of Type Ic supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1459-1477.	1.6	159
54	Dust Formation and He II 4686 Emission in the Dense Shell of the Peculiar Type Ib Supernova 2006jc. <i>Astrophysical Journal</i> , 2008, 680, 568-579.	1.6	155

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55	CORONAL LINES AND DUST FORMATION IN SN 2005ip: NOT THE BRIGHTEST, BUT THE HOTTEST TYPE II _n SUPERNOVA. <i>Astrophysical Journal</i> , 2009, 695, 1334-1350.	1.6	152
56	DUST AND THE TYPE II-PLATEAU SUPERNOVA 2004et. <i>Astrophysical Journal</i> , 2009, 704, 306-323.	1.6	151
57	SPECTRAL EVOLUTION OF THE EXTRAORDINARY TYPE II _n SUPERNOVA 2006gy. <i>Astrophysical Journal</i> , 2010, 709, 856-883.	1.6	149
58	TOWARD CHARACTERIZATION OF THE TYPE IIP SUPERNOVA PROGENITOR POPULATION: A STATISTICAL SAMPLE OF LIGHT CURVES FROM Pan-STARRS1. <i>Astrophysical Journal</i> , 2015, 799, 208.	1.6	149
59	Three Hypervelocity White Dwarfs in Gaia DR2: Evidence for Dynamically Driven Double-degenerate Double-detonation Type Ia Supernovae. <i>Astrophysical Journal</i> , 2018, 865, 15.	1.6	145
60	THE GOLDEN STANDARD TYPE Ia SUPERNOVA 2005cf: OBSERVATIONS FROM THE ULTRAVIOLET TO THE NEAR-INFRARED WAVEBANDS. <i>Astrophysical Journal</i> , 2009, 697, 380-408.	1.6	144
61	THE GROWTH OF COOL CORES AND EVOLUTION OF COOLING PROPERTIES IN A SAMPLE OF 83 GALAXY CLUSTERS AT 0.3 z <math><i>1.2</i></math> SELECTED FROM THE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2013, 774, 23.	1.6	144
62	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> , 2019, 486, 2184-2196.	1.6	143
63	SHORT GRB 130603B: DISCOVERY OF A JET BREAK IN THE OPTICAL AND RADIO AFTERGLOWS, AND A MYSTERIOUS LATE-TIME X-RAY EXCESS. <i>Astrophysical Journal</i> , 2014, 780, 118.	1.6	142
64	IMPROVED STANDARDIZATION OF TYPE II-P SUPERNOVAE: APPLICATION TO AN EXPANDED SAMPLE. <i>Astrophysical Journal</i> , 2009, 694, 1067-1079.	1.6	140
65	VARIABLE SODIUM ABSORPTION IN A LOW-EXTINCTION TYPE Ia SUPERNOVA,. <i>Astrophysical Journal</i> , 2009, 702, 1157-1170.	1.6	139
66	X-RAY PROPERTIES OF THE FIRST SUNYAEV-ZEL'DOVICH EFFECT SELECTED GALAXY CLUSTER SAMPLE FROM THE SOUTH POLE TELESCOPE. <i>Astrophysical Journal</i> , 2011, 738, 48.	1.6	137
67	A luminous, blue progenitor system for the type Ia _x supernova 2012Z. <i>Nature</i> , 2014, 512, 54-56.	13.7	136
68	A tidal disruption event coincident with a high-energy neutrino. <i>Nature Astronomy</i> , 2021, 5, 510-518.	4.2	136
69	Late-Time Spectroscopy of SN 2002cx: The Prototype of a New Subclass of Type Ia Supernovae. <i>Astronomical Journal</i> , 2006, 132, 189-196.	1.9	135
70	OBSERVATIONS OF THE NAKED-EYE GRB 080319B: IMPLICATIONS OF NATURE'S BRIGHTEST EXPLOSION. <i>Astrophysical Journal</i> , 2009, 691, 723-737.	1.6	133
71	MEASURING EJECTA VELOCITY IMPROVES TYPE Ia SUPERNOVA DISTANCES. <i>Astrophysical Journal</i> , 2011, 729, 55.	1.6	132
72	SN 2012cg: EVIDENCE FOR INTERACTION BETWEEN A NORMAL SN Ia AND A NON-DEGENERATE BINARY COMPANION. <i>Astrophysical Journal</i> , 2016, 820, 92.	1.6	132

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73	SYSTEMATIC UNCERTAINTIES ASSOCIATED WITH THE COSMOLOGICAL ANALYSIS OF THE FIRST PAN-STARRS1 TYPE Ia SUPERNOVA SAMPLE. <i>Astrophysical Journal</i> , 2014, 795, 45.	1.6	131
74	THE DIVERSITY OF MASSIVE STAR OUTBURSTS. I. OBSERVATIONS OF SN2009ip, UGC 2773 OT2009-1, AND THEIR PROGENITORS. <i>Astrophysical Journal</i> , 2011, 732, 32.	1.6	130
75	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015, 150, 172.	1.9	128
76	Photometric and spectroscopic properties of Type II-P supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 844-861.	1.6	125
77	FIRST-YEAR SLOAN DIGITAL SKY SURVEY-II (SDSS-II) SUPERNOVA RESULTS: CONSTRAINTS ON NONSTANDARD COSMOLOGICAL MODELS. <i>Astrophysical Journal</i> , 2009, 703, 1374-1385.	1.6	125
78	VERY EARLY ULTRAVIOLET AND OPTICAL OBSERVATIONS OF THE TYPE Ia SUPERNOVA 2009ig. <i>Astrophysical Journal</i> , 2012, 744, 38.	1.6	124
79	MASS CALIBRATION AND COSMOLOGICAL ANALYSIS OF THE SPT-SZ GALAXY CLUSTER SAMPLE USING VELOCITY DISPERSION σ_v AND X-RAY Y_X MEASUREMENTS. <i>Astrophysical Journal</i> , 2015, 799, 214.	1.6	120
80	SUPERCAL: CROSS-CALIBRATION OF MULTIPLE PHOTOMETRIC SYSTEMS TO IMPROVE COSMOLOGICAL MEASUREMENTS WITH TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2015, 815, 117.	1.6	117
81	Measuring Dark Energy Properties with Photometrically Classified Pan-STARRS Supernovae. II. Cosmological Parameters. <i>Astrophysical Journal</i> , 2018, 857, 51.	1.6	116
82	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
83	Extensive HST ultraviolet spectra and multiwavelength observations of SN 2014J in M82 indicate reddening and circumstellar scattering by typical dust. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 2887-2906.	1.6	112
84	Simulations of the WFIRST Supernova Survey and Forecasts of Cosmological Constraints. <i>Astrophysical Journal</i> , 2018, 867, 23.	1.6	112
85	Evidence for Spectropolarimetric Diversity in Type Ia Supernovae. <i>Astrophysical Journal</i> , 2005, 632, 450-475.	1.6	111
86	A sample of Type II-L supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 554-569.	1.6	111
87	AN INTERMEDIATE LUMINOSITY TRANSIENT IN NGC 300: THE ERUPTION OF A DUST-ENSHROUDED MASSIVE STAR. <i>Astrophysical Journal</i> , 2009, 699, 1850-1865.	1.6	111
88	Rapidly evolving transients in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 894-917.	1.6	109
89	The Data Release of the Sloan Digital Sky Survey-II Supernova Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 064002.	1.0	109
90	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015, 150, 82.	1.9	107

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91	SN 2005bf: A Possible Transition Event between Type Ib/c Supernovae and Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2006, 641, 1039-1050.	1.6	106
92	DISCOVERY AND COSMOLOGICAL IMPLICATIONS OF SPT-CL J2106-5844, THE MOST MASSIVE KNOWN CLUSTER AT $z \approx 1$. <i>Astrophysical Journal</i> , 2011, 731, 86.	1.6	104
93	THE FAST AND FURIOUS DECAY OF THE PECULIAR TYPE Ic SUPERNOVA 2005ek. <i>Astrophysical Journal</i> , 2013, 774, 58.	1.6	104
94	The Troublesome Broadband Evolution of GRB 061126: Does a Gray Burst Imply Gray Dust?. <i>Astrophysical Journal</i> , 2008, 672, 449-464.	1.6	103
95	OPTICAL SPECTROSCOPY AND VELOCITY DISPERSIONS OF GALAXY CLUSTERS FROM THE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2014, 792, 45.	1.6	103
96	Revisiting the Lick Observatory Supernova Search Volume-limited Sample: Updated Classifications and Revised Stripped-envelope Supernova Fractions. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 054201.	1.0	103
97	First-year Sloan Digital Sky Survey-II supernova results: consistency and constraints with other intermediate-redshift data sets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 2331-2342.	1.6	101
98	NO X-RAYS FROM THE VERY NEARBY TYPE Ia SN 2014j: CONSTRAINTS ON ITS ENVIRONMENT. <i>Astrophysical Journal</i> , 2014, 790, 52.	1.6	101
99	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. <i>Astrophysical Journal Letters</i> , 2017, 848, L34.	3.0	101
100	The Galaxy Hosts and Large-Scale Environments of Short-Hard Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2006, 642, 989-994.	1.6	99
101	Submillijansky Transients in Archival Radio Observations. <i>Astrophysical Journal</i> , 2007, 666, 346-360.	1.6	99
102	Spectral Identification of an Ancient Supernova Using Light Echoes in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2008, 680, 1137-1148.	1.6	99
103	INVERSE COMPTON X-RAY EMISSION FROM SUPERNOVAE WITH COMPACT PROGENITORS: APPLICATION TO SN2011fe. <i>Astrophysical Journal</i> , 2012, 751, 134.	1.6	99
104	THE TYPE IIb SUPERNOVA 2013df AND ITS COOL SUPERGIANT PROGENITOR. <i>Astronomical Journal</i> , 2014, 147, 37.	1.9	99
105	Supernovae in the Subaru Deep Field: the rate and delay-time distribution of Type Ia supernovae out to redshift 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 916-940.	1.6	98
106	Should Type Ia Supernova Distances Be Corrected for Their Local Environments?. <i>Astrophysical Journal</i> , 2018, 867, 108.	1.6	98
107	Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens. <i>Nature Astronomy</i> , 2018, 2, 334-342.	4.2	97
108	COSMOLOGY WITH PHOTOMETRICALLY CLASSIFIED TYPE Ia SUPERNOVAE FROM THE SDSS-II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2013, 763, 88.	1.6	96

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109	THE ABSOLUTE MAGNITUDES OF TYPE Ia SUPERNOVAE IN THE ULTRAVIOLET. <i>Astrophysical Journal</i> , 2010, 721, 1608-1626.	1.6	95
110	A DEEP SEARCH FOR PROMPT RADIO EMISSION FROM THERMONUCLEAR SUPERNOVAE WITH THE VERY LARGE ARRAY. <i>Astrophysical Journal</i> , 2016, 821, 119.	1.6	95
111	SPT-CL J0546-5345: A MASSIVE $z > 1$ GALAXY CLUSTER SELECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT WITH THE SOUTH POLE TELESCOPE. <i>Astrophysical Journal</i> , 2010, 721, 90-97.	1.6	94
112	A SPECTROSCOPIC STUDY OF TYPE Ibc SUPERNOVA HOST GALAXIES FROM UNTARGETED SURVEYS. <i>Astrophysical Journal</i> , 2012, 758, 132.	1.6	94
113	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. <i>Astrophysical Journal</i> , 2019, 874, 150.	1.6	92
114	DIRECT CONFIRMATION OF THE ASYMMETRY OF THE CAS A SUPERNOVA WITH LIGHT ECHOES. <i>Astrophysical Journal</i> , 2011, 732, 3.	1.6	90
115	THE REDSHIFT EVOLUTION OF THE MEAN TEMPERATURE, PRESSURE, AND ENTROPY PROFILES IN 80 SPT-SELECTED GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 794, 67.	1.6	90
116	REDSHIFTS, SAMPLE PURITY, AND BCG POSITIONS FOR THE GALAXY CLUSTER CATALOG FROM THE FIRST 720 SQUARE DEGREES OF THE SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2012, 761, 22.	1.6	89
117	Signatures of Delayed Detonation, Asymmetry, and Electron Capture in the Mid-Infrared Spectra of Supernovae 2003hv and 2005df. <i>Astrophysical Journal</i> , 2007, 661, 995-1012.	1.6	88
118	Comprehensive observations of the bright and energetic Type Ia SN 2012Z: Interpretation as a Chandrasekhar mass white dwarf explosion. <i>Astronomy and Astrophysics</i> , 2015, 573, A2.	2.1	88
119	REFSDAL MEETS POPPER: COMPARING PREDICTIONS OF THE RE-APPEARANCE OF THE MULTIPLY IMAGED SUPERNOVA BEHIND MACSJ1149.5+2223. <i>Astrophysical Journal</i> , 2016, 817, 60.	1.6	88
120	The Foundation Supernova Survey: motivation, design, implementation, and first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 193-219.	1.6	88
121	Hydrogen-poor Superluminous Supernovae from the Pan-STARRS1 Medium Deep Survey. <i>Astrophysical Journal</i> , 2018, 852, 81.	1.6	88
122	Using Line Profiles to Test the Fraternity of Type Ia Supernovae at High and Low Redshifts. <i>Astronomical Journal</i> , 2006, 131, 1648-1666.	1.9	87
123	CIRCUMSTELLAR ABSORPTION IN DOUBLE DETONATION TYPE Ia SUPERNOVAE. <i>Astrophysical Journal Letters</i> , 2013, 770, L35.	3.0	87
124	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am ^{âˆ’} . <i>Astrophysical Journal</i> , 2018, 853, 62.	1.6	87
125	ZOOMING IN ON THE PROGENITORS OF SUPERLUMINOUS SUPERNOVAE WITH THE HST. <i>Astrophysical Journal</i> , 2015, 804, 90.	1.6	86
126	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. <i>Physical Review Letters</i> , 2019, 122, 171301.	2.9	86

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127	VELOCITY EVOLUTION AND THE INTRINSIC COLOR OF TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2011, 742, 89.	1.6	85
128	On the Progenitors of Two Type II α P Supernovae in the Virgo Cluster. <i>Astrophysical Journal</i> , 2007, 661, 1013-1024.	1.6	83
129	THE CHEMICAL ABUNDANCES OF TYCHO G IN SUPERNOVA REMNANT 1572. <i>Astrophysical Journal</i> , 2009, 691, 1-15.	1.6	83
130	Hypernova Signatures in the Late Rebrightening of GRB 050525A. <i>Astrophysical Journal</i> , 2006, 642, L103-L106.	1.6	82
131	On the Incidence of Strong Mg II Absorbers along Gamma-Ray Burst Sight Lines. <i>Astrophysical Journal</i> , 2006, 648, L93-L96.	1.6	81
132	SN 2006bt: A PERPLEXING, TROUBLESOME, AND POSSIBLY MISLEADING TYPE Ia SUPERNOVA. <i>Astrophysical Journal</i> , 2010, 708, 1748-1759.	1.6	80
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