

Ryan Foley

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349
papers

30,721
citations

90
h-index

162
g-index

356
ext. papers

34,412
ext. citations

6.2
avg. IF

6.37
L-index

#	Paper	IF	Citations
349	A 2.4% DETERMINATION OF THE LOCAL VALUE OF THE HUBBLE CONSTANT. <i>Astrophysical Journal</i> , 2016 , 826, 56	4.7	1313
348	New Hubble Space Telescope Discoveries of Type Ia Supernovae at $z \approx 1$: Narrowing Constraints on the Early Behavior of Dark Energy. <i>Astrophysical Journal</i> , 2007 , 659, 98-121	4.7	1248
347	Improved cosmological constraints from a joint analysis of the SDSS-II and SNLS supernova samples. <i>Astronomy and Astrophysics</i> , 2014 , 568, A22	5.1	1153
346	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	4.7	946
345	Observational Constraints on the Nature of Dark Energy: First Cosmological Results from the ESSENCE Supernova Survey. <i>Astrophysical Journal</i> , 2007 , 666, 694-715	4.7	688
344	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. <i>Science</i> , 2017 , 358, 1556-1558	33.3	616
343	FIRST-YEAR SLOAN DIGITAL SKY SURVEY-II SUPERNOVA RESULTS: HUBBLE DIAGRAM AND COSMOLOGICAL PARAMETERS. <i>Astrophysical Journal, Supplement Series</i> , 2009 , 185, 32-84	8	525
342	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	4.3	521
341	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	7.9	468
340	Scrutinizing Exotic Cosmological Models Using ESSENCE Supernova Data Combined with Other Cosmological Probes. <i>Astrophysical Journal</i> , 2007 , 666, 716-725	4.7	446
339	SN 2006gy: Discovery of the Most Luminous Supernova Ever Recorded, Powered by the Death of an Extremely Massive Star like η Carinae. <i>Astrophysical Journal</i> , 2007 , 666, 1116-1128	4.7	416
338	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	8	379
337	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. <i>Science</i> , 2017 , 358, 1570-1574	33.3	352
336	THE SLOAN DIGITAL SKY SURVEY-II SUPERNOVA SURVEY: TECHNICAL SUMMARY. <i>Astronomical Journal</i> , 2008 , 135, 338-347	4.9	336
335	An ultraviolet-optical flare from the tidal disruption of a helium-rich stellar core. <i>Nature</i> , 2012 , 485, 217-20.4	30.4	313
334	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 239, 18	8	313
333	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	7.9	295

332	A PHOTOMETRIC REDSHIFT OF $z \sim 9.4$ FOR GRB 090429B. <i>Astrophysical Journal</i> , 2011 , 736, 7	4.7	284
331	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	7.9	274
330	GALAXY CLUSTERS SELECTED WITH THE SUNYAEV-ZEL'DOVICH EFFECT FROM 2008 SOUTH POLE TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2010 , 722, 1180-1196	4.7	265
329	TYPE Ia SUPERNOVAE: A NEW CLASS OF STELLAR EXPLOSION. <i>Astrophysical Journal</i> , 2013 , 767, 57	4.7	249
328	A relativistic type Ibc supernova without a detected gamma-ray burst. <i>Nature</i> , 2010 , 463, 513-5	50.4	245
327	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	4.7	244
326	A faint type of supernova from a white dwarf with a helium-rich companion. <i>Nature</i> , 2010 , 465, 322-5	50.4	240
325	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	4.7	224
324	The ESSENCE Supernova Survey: Survey Optimization, Observations, and Supernova Photometry. <i>Astrophysical Journal</i> , 2007 , 666, 674-693	4.7	223
323	SN 2006jc: A Wolf-Rayet Star Exploding in a Dense He-rich Circumstellar Medium. <i>Astrophysical Journal</i> , 2007 , 657, L105-L108	4.7	219
322	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	4.7	216
321	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	4.3	205
320	IMPROVED DISTANCES TO TYPE Ia SUPERNOVAE WITH TWO SPECTROSCOPIC SUBCLASSES. <i>Astrophysical Journal</i> , 2009 , 699, L139-L143	4.7	204
319	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	4.7	194
318	RAPIDLY EVOLVING AND LUMINOUS TRANSIENTS FROM PAN-STARRS1. <i>Astrophysical Journal</i> , 2014 , 794, 23	4.7	192
317	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	4.7	191
316	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	4.7	191
315	HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE AND LONG-DURATION GAMMA-RAY BURSTS HAVE SIMILAR HOST GALAXIES. <i>Astrophysical Journal</i> , 2014 , 787, 138	4.7	186

314	THE EFFECT OF HOST GALAXIES ON TYPE Ia SUPERNOVAE IN THE SDSS-II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2010 , 722, 566-576	4.7	184
313	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	4.7	179
312	SN 2008ha: AN EXTREMELY LOW LUMINOSITY AND EXCEPTIONALLY LOW ENERGY SUPERNOVA. <i>Astronomical Journal</i> , 2009 , 138, 376-391	4.9	177
311	SN 2006tf: Precursor Eruptions and the Optically Thick Regime of Extremely Luminous Type II _n Supernovae. <i>Astrophysical Journal</i> , 2008 , 686, 467-484	4.7	176
310	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. <i>Science</i> , 2017 , 358, 1574-1578	33.3	170
309	The broad-lined Type Ic supernova 2003jd?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 383, 1485-1500	4.3	169
308	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. <i>Science</i> , 2017 , 358, 1583-1587	33.3	156
307	COSMOLOGICAL CONSTRAINTS FROM GALAXY CLUSTERS IN THE 2500 SQUARE-DEGREE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2016 , 832, 95	4.7	153
306	TYPE Ia SUPERNOVAE STRONGLY INTERACTING WITH THEIR CIRCUMSTELLAR MEDIUM. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 207, 3	8	152
305	Pan-STARRS1 DISCOVERY OF TWO ULTRALUMINOUS SUPERNOVAE ATzD.9. <i>Astrophysical Journal</i> , 2011 , 743, 114	4.7	150
304	SN 2004aw: confirming diversity of Type Ic supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 371, 1459-1477	4.3	148
303	THE ULTRAVIOLET-BRIGHT, SLOWLY DECLINING TRANSIENT PS1-11af AS A PARTIAL TIDAL DISRUPTION EVENT. <i>Astrophysical Journal</i> , 2014 , 780, 44	4.7	144
302	Astrophysics. Multiple images of a highly magnified supernova formed by an early-type cluster galaxy lens. <i>Science</i> , 2015 , 347, 1123-6	33.3	143
301	SPECTRAL EVOLUTION OF THE EXTRAORDINARY TYPE II _n SUPERNOVA 2006gy. <i>Astrophysical Journal</i> , 2010 , 709, 856-883	4.7	137
300	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	4.7	137
299	A PANCHROMATIC VIEW OF THE RESTLESS SN 2009ip REVEALS THE EXPLOSIVE EJECTION OF A MASSIVE STAR ENVELOPE. <i>Astrophysical Journal</i> , 2014 , 780, 21	4.7	136
298	Dust Formation and He II λ 686 Emission in the Dense Shell of the Peculiar Type Ib Supernova 2006jc. <i>Astrophysical Journal</i> , 2008 , 680, 568-579	4.7	135
297	DUST AND THE TYPE II-PLATEAU SUPERNOVA 2004et. <i>Astrophysical Journal</i> , 2009 , 704, 306-323	4.7	133

296	VARIABLE SODIUM ABSORPTION IN A LOW-EXTINCTION TYPE Ia SUPERNOVA,. <i>Astrophysical Journal</i> , 2009 , 702, 1157-1170	4.7	131
295	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	4.7	130
294	THE GOLDEN STANDARD TYPE Ia SUPERNOVA 2005cf: OBSERVATIONS FROM THE ULTRAVIOLET TO THE NEAR-INFRARED WAVEBANDS. <i>Astrophysical Journal</i> , 2009 , 697, 380-408	4.7	130
293	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	4.7	130
292	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	4.7	129
291	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	4.7	127
290	IMPROVED STANDARDIZATION OF TYPE II-P SUPERNOVAE: APPLICATION TO AN EXPANDED SAMPLE. <i>Astrophysical Journal</i> , 2009 , 694, 1067-1079	4.7	126
289	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	4.7	125
288	MEASURING EJECTA VELOCITY IMPROVES TYPE Ia SUPERNOVA DISTANCES. <i>Astrophysical Journal</i> , 2011 , 729, 55	4.7	123
287	Late-Time Spectroscopy of SN 2002cx: The Prototype of a New Subclass of Type Ia Supernovae. <i>Astronomical Journal</i> , 2006 , 132, 189-196	4.9	122
286	THE GROWTH OF COOL CORES AND EVOLUTION OF COOLING PROPERTIES IN A SAMPLE OF 83 GALAXY CLUSTERS AT 0.3 . <i>Astrophysical Journal</i> , 2013 , 774, 23	4.7	120
285	FIRST-YEAR SLOAN DIGITAL SKY SURVEY-II (SDSS-II) SUPERNOVA RESULTS: CONSTRAINTS ON NONSTANDARD COSMOLOGICAL MODELS. <i>Astrophysical Journal</i> , 2009 , 703, 1374-1385	4.7	120
284	OBSERVATIONS OF THE NAKED-EYE GRB 080319B: IMPLICATIONS OF NATURE'S BRIGHTEST EXPLOSION. <i>Astrophysical Journal</i> , 2009 , 691, 723-737	4.7	119
283	SYSTEMATIC UNCERTAINTIES ASSOCIATED WITH THE COSMOLOGICAL ANALYSIS OF THE FIRST PAN-STARRS1 TYPE Ia SUPERNOVA SAMPLE. <i>Astrophysical Journal</i> , 2014 , 795, 45	4.7	118
282	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. <i>Astrophysical Journal Letters</i> , 2019 , 872, L30	7.9	113
281	THE DIVERSITY OF MASSIVE STAR OUTBURSTS. I. OBSERVATIONS OF SN2009ip, UGC 2773 OT2009-1, AND THEIR PROGENITORS. <i>Astrophysical Journal</i> , 2011 , 732, 32	4.7	108
280	A luminous, blue progenitor system for the type Iax supernova 2012Z. <i>Nature</i> , 2014 , 512, 54-6	50.4	107
279	VERY EARLY ULTRAVIOLET AND OPTICAL OBSERVATIONS OF THE TYPE Ia SUPERNOVA 2009ig. <i>Astrophysical Journal</i> , 2012 , 744, 38	4.7	107

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277	Evidence for Spectropolarimetric Diversity in Type Ia Supernovae. <i>Astrophysical Journal</i> , 2005 , 632, 450-475	4.7	104
276	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	4.3	102
275	THE DIFFERENCE IMAGING PIPELINE FOR THE TRANSIENT SEARCH IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015 , 150, 172	4.9	101
274	Photometric and spectroscopic properties of Type II-P supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 844-861	4.3	101
273	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	4.7	101
272	MASS CALIBRATION AND COSMOLOGICAL ANALYSIS OF THE SPT-SZ GALAXY CLUSTER SAMPLE USING VELOCITY DISPERSION AND X-RAY MEASUREMENTS. <i>Astrophysical Journal</i> , 2015 , 799, 214	4.7	100
271	DISCOVERY AND COSMOLOGICAL IMPLICATIONS OF SPT-CL J2106-5844, THE MOST MASSIVE KNOWN CLUSTER AT $z > 1$. <i>Astrophysical Journal</i> , 2011 , 731, 86	4.7	100
270	The Troublesome Broadband Evolution of GRB 061126: Does a Gray Burst Imply Gray Dust?. <i>Astrophysical Journal</i> , 2008 , 672, 449-464	4.7	100
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268	A sample of Type II-L supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 554-569	4.3	99
267	ESC and KAIT observations of the transitional Type Ia SN 2004eo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 377, 1531-1552	4.3	99
266	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	4.3	93
265	NO X-RAYS FROM THE VERY NEARBY TYPE Ia SN 2014J: CONSTRAINTS ON ITS ENVIRONMENT. <i>Astrophysical Journal</i> , 2014 , 790, 52	4.7	93
264	SN 2005bf: A Possible Transition Event between Type Ib/c Supernovae and Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2006 , 641, 1039-1050	4.7	93
263	AUTOMATED TRANSIENT IDENTIFICATION IN THE DARK ENERGY SURVEY. <i>Astronomical Journal</i> , 2015 , 150, 82	4.9	91
262	A SPECTROSCOPIC STUDY OF TYPE Ib/c SUPERNOVA HOST GALAXIES FROM UNTARGETED SURVEYS. <i>Astrophysical Journal</i> , 2012 , 758, 132	4.7	90
261	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	4.3	90

260	INVERSE COMPTON X-RAY EMISSION FROM SUPERNOVAE WITH COMPACT PROGENITORS: APPLICATION TO SN2011fe. <i>Astrophysical Journal</i> , 2012 , 751, 134	4.7	90
259	Spectral Identification of an Ancient Supernova Using Light Echoes in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2008 , 680, 1137-1148	4.7	90
258	The Galaxy Hosts and Large-Scale Environments of Short-Hard Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2006 , 642, 989-994	4.7	90
257	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	4.3	89
256	Submillijansky Transients in Archival Radio Observations. <i>Astrophysical Journal</i> , 2007 , 666, 346-360	4.7	89
255	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. <i>Astrophysical Journal Letters</i> , 2017 , 848, L34	7.9	86
254	SUPERCAL: CROSS-CALIBRATION OF MULTIPLE PHOTOMETRIC SYSTEMS TO IMPROVE COSMOLOGICAL MEASUREMENTS WITH TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2015 , 815, 117	4.7	86
253	OPTICAL SPECTROSCOPY AND VELOCITY DISPERSIONS OF GALAXY CLUSTERS FROM THE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2014 , 792, 45	4.7	86
252	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	4.7	86
251	THE ABSOLUTE MAGNITUDES OF TYPE Ia SUPERNOVAE IN THE ULTRAVIOLET. <i>Astrophysical Journal</i> , 2010 , 721, 1608-1626	4.7	85
250	THE FAST AND FURIOUS DECAY OF THE PECULIAR TYPE Ic SUPERNOVA 2005ek. <i>Astrophysical Journal</i> , 2013 , 774, 58	4.7	84
249	Using Line Profiles to Test the Fraternity of Type Ia Supernovae at High and Low Redshifts. <i>Astronomical Journal</i> , 2006 , 131, 1648-1666	4.9	83
248	CIRCUMSTELLAR ABSORPTION IN DOUBLE DETONATION TYPE Ia SUPERNOVAE. <i>Astrophysical Journal Letters</i> , 2013 , 770, L35	7.9	82
247	COSMOLOGY WITH PHOTOMETRICALLY CLASSIFIED TYPE Ia SUPERNOVAE FROM THE SDSS-II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2013 , 763, 88	4.7	82
246	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	5	81
245	A DEEP SEARCH FOR PROMPT RADIO EMISSION FROM THERMONUCLEAR SUPERNOVAE WITH THE VERY LARGE ARRAY. <i>Astrophysical Journal</i> , 2016 , 821, 119	4.7	81
244	Measuring Dark Energy Properties with Photometrically Classified Pan-STARRS Supernovae. II. Cosmological Parameters. <i>Astrophysical Journal</i> , 2018 , 857, 51	4.7	80
243	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	4.7	80

242	On the Incidence of Strong Mg ii Absorbers along Gamma-Ray Burst Sight Lines. <i>Astrophysical Journal</i> , 2006 , 648, L93-L96	4-7	80
241	DIRECT CONFIRMATION OF THE ASYMMETRY OF THE CAS A SUPERNOVA WITH LIGHT ECHOES. <i>Astrophysical Journal</i> , 2011 , 732, 3	4-7	79
240	THE TYPE Iib SUPERNOVA 2013df AND ITS COOL SUPERGIANT PROGENITOR. <i>Astronomical Journal</i> , 2014 , 147, 37	4-9	78
239	On the Progenitors of Two Type II-P Supernovae in the Virgo Cluster. <i>Astrophysical Journal</i> , 2007 , 661, 1013-1024	4-7	78
238	VELOCITY EVOLUTION AND THE INTRINSIC COLOR OF TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2011 , 742, 89	4-7	77
237	Rapidly evolving transients in the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 894-917	4-3	77
236	Comprehensive observations of the bright and energetic Type Iax SN 2012Z: Interpretation as a Chandrasekhar mass white dwarf explosion. <i>Astronomy and Astrophysics</i> , 2015 , 573, A2	5-1	76
235	SN 2006bt: A PERPLEXING, TROUBLESOME, AND POSSIBLY MISLEADING TYPE Ia SUPERNOVA. <i>Astrophysical Journal</i> , 2010 , 708, 1748-1759	4-7	75
234	LINKING TYPE Ia SUPERNOVA PROGENITORS AND THEIR RESULTING EXPLOSIONS. <i>Astrophysical Journal</i> , 2012 , 752, 101	4-7	75
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232	THE REDSHIFT EVOLUTION OF THE MEAN TEMPERATURE, PRESSURE, AND ENTROPY PROFILES IN 80 SPT-SELECTED GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014 , 794, 67	4-7	74
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229	THE CHEMICAL ABUNDANCES OF TYCHO G IN SUPERNOVA REMNANT 1572. <i>Astrophysical Journal</i> , 2009 , 691, 1-15	4-7	72
228	BEFSDAL MEETS POPPER: COMPARING PREDICTIONS OF THE RE-APPEARANCE OF THE MULTIPLY IMAGED SUPERNOVA BEHIND MACSJ1149.5+2223. <i>Astrophysical Journal</i> , 2016 , 817, 60	4-7	70
227	PS1-10bzj: A FAST, HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA IN A METAL-POOR HOST GALAXY. <i>Astrophysical Journal</i> , 2013 , 771, 97	4-7	70
226	COLOR DISPERSION AND MILKY-WAY-LIKE REDDENING AMONG TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2014 , 780, 37	4-7	69
225	PUSHING THE BOUNDARIES OF CONVENTIONAL CORE-COLLAPSE SUPERNOVAE: THE EXTREMELY ENERGETIC SUPERNOVA SN 2003ma. <i>Astrophysical Journal</i> , 2011 , 729, 88	4-7	69

224	Supernovae in the Subaru Deep Field: an initial sample and Type Ia rate out to redshift 1.6. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 382, 1169-1186	4.3	69
223	Simulations of the WFIRST Supernova Survey and Forecasts of Cosmological Constraints. <i>Astrophysical Journal</i> , 2018 , 867, 23	4.7	69
222	Optical and infrared observations of the Type IIP SN 2002hh from days 3 to 397. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 368, 1169-1195	4.3	68
221	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	5	68
220	Hydrogen-poor Superluminous Supernovae from the Pan-STARRS1 Medium Deep Survey. <i>Astrophysical Journal</i> , 2018 , 852, 81	4.7	68
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218	THE MASSIVE PROGENITOR OF THE TYPE II-LINEAR SUPERNOVA 2009kr. <i>Astrophysical Journal Letters</i> , 2010 , 714, L254-L259	7.9	66
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