

Ariel Goobar

List of Publications by Year in descending order

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180
papers

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citations

22099

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181
docs citations

181
times ranked

13343
citing authors

#	ARTICLE	IF	CITATIONS
1	The Zwicky Transient Facility Type Ia supernova survey: first data release and results. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2228-2241.	1.6	20
2	Supernova siblings and their parent galaxies in the Zwicky Transient Facility Bright Transient Survey. Monthly Notices of the Royal Astronomical Society, 2022, 511, 241-254.	1.6	6
3	Optimizing Cadences with Realistic Light-curve Filtering for Serendipitous Kilonova Discovery with Vera Rubin Observatory. Astrophysical Journal, Supplement Series, 2022, 258, 5.	3.0	12
4	Constraining Type Ia supernova explosions and early flux excesses with the Zwicky Transient Factory. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1317-1340.	1.6	18
5	Microlensing and the type Ia supernova iPTF16geu. Astronomy and Astrophysics, 2022, 662, A34.	2.1	4
6	Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. Astrophysical Journal, Supplement Series, 2022, 260, 18.	3.0	21
7	Sensitivity of the Hubble Constant Determination to Cepheid Calibration. Astrophysical Journal, 2022, 933, 212.	1.6	25
8	Spitzer mid-infrared detections of neutron star merger GW170817 suggests synthesis of the heaviest elements. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 510, L7-L12.	1.2	64
9	AT 2019avd: a novel addition to the diverse population of nuclear transients. Astronomy and Astrophysics, 2021, 647, A9.	2.1	21
10	A tidal disruption event coincident with a high-energy neutrino. Nature Astronomy, 2021, 5, 510-518.	4.2	136
11	Detectability of kilonovae in optical surveys: <i>post-mortem</i> examination of the LVC O3 run follow-up. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1294-1303.	1.6	22
12	The HST See Change Program. I. Survey Design, Pipeline, and Supernova Discoveries*. Astrophysical Journal, 2021, 912, 87.	1.6	8
13	The luminous and rapidly evolving SN 2018bcc. Astronomy and Astrophysics, 2021, 649, A163.	2.1	14
14	Fast-transient Searches in Real Time with ZTFreST: Identification of Three Optically Discovered Gamma-Ray Burst Afterglows and New Constraints on the Kilonova Rate. Astrophysical Journal, 2021, 918, 63.	1.6	42
15	Faint objects in motion: the new frontier of high precision astrometry. Experimental Astronomy, 2021, 51, 845-886.	1.6	17
16	Spectroscopy of the first resolved strongly lensed Type Ia supernova iPTF16geu. Monthly Notices of the Royal Astronomical Society, 2021, 502, 510-520.	1.6	8
17	Two $\text{c}\hat{\text{a}}^{\text{TM}}$ s in a pod: cosmology-independent measurement of the Type Ia supernova colour- $\hat{\text{a}}$ luminosity relation with a sibling pair. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5340-5356.	1.6	9
18	The large-scale environment of thermonuclear and core-collapse supernovae. Monthly Notices of the Royal Astronomical Society, 2021, 510, 366-372.	1.6	5

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19	Near-infrared Supernova Ia Distances: Host Galaxy Extinction and Mass-step Corrections Revisited. <i>Astrophysical Journal</i> , 2021, 923, 237.	1.6	24
20	Prospects of cosmic superstring detection through microlensing of extragalactic point-like sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 596-614.	1.6	2
21	Constraining the Observer Angle of the Kilonova AT2017gfo Associated with GW170817: Implications for the Hubble Constant. <i>Astrophysical Journal</i> , 2020, 888, 67.	1.6	29
22	See Change: VLT spectroscopy of a sample of high-redshift Type Ia supernova host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3859-3880.	1.6	6
23	Cosmological Model Insensitivity of Local H_0 from the Cepheid Distance Ladder. <i>Astrophysical Journal</i> , 2020, 894, 54.	1.6	60
24	The Zwicky Transient Facility Bright Transient Survey. I. Spectroscopic Classification and the Redshift Completeness of Local Galaxy Catalogs. <i>Astrophysical Journal</i> , 2020, 895, 32.	1.6	91
25	Lens modelling of the strongly lensed Type Ia supernova iPTF16geu. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3270-3280.	1.6	15
26	GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Star Black Hole Merger. <i>Astrophysical Journal</i> , 2020, 890, 131.	1.6	74
27	The Spectacular Ultraviolet Flash from the Peculiar Type Ia Supernova 2019yvu. <i>Astrophysical Journal</i> , 2020, 898, 56.	1.6	32
28	ZTF Early Observations of Type Ia Supernovae. III. Early-time Colors As a Test for Explosion Models and Multiple Populations. <i>Astrophysical Journal</i> , 2020, 902, 48.	1.6	26
29	The Zwicky Transient Facility Bright Transient Survey. II. A Public Statistical Sample for Exploring Supernova Demographics*. <i>Astrophysical Journal</i> , 2020, 904, 35.	1.6	107
30	Constraining the Kilonova Rate with Zwicky Transient Facility Searches Independent of Gravitational Wave and Short Gamma-Ray Burst Triggers. <i>Astrophysical Journal</i> , 2020, 904, 155.	1.6	26
31	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. <i>Astrophysical Journal</i> , 2020, 905, 145.	1.6	69
32	ZTF20aajnksq (AT 2020bkt): A Fast Optical Transient at $z \approx 2.9$ with No Detected Gamma-Ray Burst Counterpart. <i>Astrophysical Journal</i> , 2020, 905, 98.	1.6	24
33	The Zwicky Transient Facility: Science Objectives. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 078001.	1.0	453
34	simsurvey: estimating transient discovery rates for the Zwicky transient facility. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 005-005.	1.9	32
35	Rates and Properties of Supernovae Strongly Gravitationally Lensed by Elliptical Galaxies in Time-domain Imaging Surveys. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 6.	3.0	41
36	R-band light-curve properties of Type Ia supernovae from the (intermediate) Palomar Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5045-5076.	1.6	16

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37	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	1.5	451
38	The Zwicky Transient Facility: Surveys and Scheduler. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 068003.	1.0	205
39	Delayed Circumstellar Interaction for Type Ia SN 2015cp Revealed by an HST Ultraviolet Imaging Survey. <i>Astrophysical Journal</i> , 2019, 871, 62.	1.6	36
40	Characterizing the secondary maximum in the r -band for Type Ia supernovae: diagnostic for the ejecta mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2343-2354.	1.6	7
41	The fast, luminous ultraviolet transient AT2018cow: extreme supernova, or disruption of a star by an intermediate-mass black hole?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1031-1049.	1.6	136
42	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
43	The Zwicky Transient Facility: System Overview, Performance, and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 018002.	1.0	1,020
44	Carnegie Supernova Project-II: Extending the Near-infrared Hubble Diagram for Type Ia Supernovae to $z \approx 0.1$. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 014001.	1.0	56
45	Carnegie Supernova Project-II: The Near-infrared Spectroscopy Program. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 014002.	1.0	55
46	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. <i>Astrophysical Journal</i> , 2019, 886, 152.	1.6	77
47	iPTF Survey for Cool Transients. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 034202.	1.0	12
48	Don't Blink: Constraining the Circumstellar Environment of the Interacting Type Ia Supernova 2015cp. <i>Astrophysical Journal</i> , 2018, 868, 21.	1.6	7
49	Prospects for Strongly Lensed Supernovae Behind Hubble Frontier Fields Galaxy Clusters with the James Webb Space Telescope. <i>Astronomy Reports</i> , 2018, 62, 917-925.	0.2	8
50	Searching for supernovae in the multiply-imaged galaxies behind the gravitational telescope A370. <i>Astronomy and Astrophysics</i> , 2018, 614, A103.	2.1	13
51	Constraining the equation of state of dark energy in dynamical dark energy models with w are tighter than those obtained in w models. <i>Physical Review D</i> , 2018, 98, 043504.	1.6	4
52	The first direct double neutron star merger detection: Implications for cosmic nucleosynthesis. <i>Astronomy and Astrophysics</i> , 2018, 615, A132.	2.1	134
53	Shedding light on the Type Ia supernova extinction puzzle: dust location found. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3663-3674.	1.6	20
54	The Discovery of a Gravitationally Lensed Supernova Ia at Redshift 2.22. <i>Astrophysical Journal</i> , 2018, 866, 65.	1.6	21

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55	The Data Release of the Sloan Digital Sky Survey-II Supernova Survey. Publications of the Astronomical Society of the Pacific, 2018, 130, 064002.	1.0	109
56	Estimating dust distances to Type Ia supernovae from colour excess time evolution. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1918-1929.	1.6	17
57	Early Observations of the Type Ia Supernova iPTF 16abc: A Case of Interaction with Nearby, Unbound Material and/or Strong Ejecta Mixing. Astrophysical Journal, 2018, 852, 100.	1.6	49
58	The effect of inhomogeneities on dark energy constraints. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 024-024.	1.9	11
59	Type Ia supernova Hubble diagram with near-infrared and optical observations. Astronomy and Astrophysics, 2018, 615, A45.	2.1	19
60	The cosmic transparency measured with Type Ia supernovae: implications for intergalactic dust. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 477, L75-L79.	1.2	7
61	iPTF16abc and the population of Type Ia supernovae: comparing the photospheric, transitional, and nebular phases. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1445-1456.	1.6	13
62	Detectability of compact binary merger macronovae. Classical and Quantum Gravity, 2017, 34, 104001.	1.5	126
63	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. Science, 2017, 356, 291-295.	6.0	168
64	Color Me Intrigued: The Discovery of iPTF 16fnm, an SN 2002cx-like Object. Astrophysical Journal, 2017, 848, 59.	1.6	28
65	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. Science, 2017, 358, 1559-1565.	6.0	559
66	Narrowing down the possible explanations of cosmic acceleration with geometric probes. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 040-040.	1.9	28
67	Spitzer observations of SN 2014J and properties of mid-IR emission in Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3442-3449.	1.6	28
68	No Evidence of Circumstellar Gas Surrounding Type Ia Supernova SN 2017cbv. Astrophysical Journal Letters, 2017, 851, L43.	3.0	11
69	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. Publications of the Astronomical Society of Australia, 2017, 34, .	1.3	142
70	Testing for redshift evolution of Type Ia supernovae using the strongly lensed PS1-10afx at $z = 1.4$. Astronomy and Astrophysics, 2017, 603, A136.	2.1	4
71	Probing gas and dust in the tidal tail of NGC 5221 with the type Ia supernova iPTF16abc. Astronomy and Astrophysics, 2017, 606, A111.	2.1	5
72	ABSENCE OF FAST-MOVING IRON IN AN INTERMEDIATE TYPE Ia SUPERNOVA BETWEEN NORMAL AND SUPER-CHANDRASEKHAR. Astrophysical Journal, 2016, 823, 147.	1.6	18

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73	Time-varying sodium absorption in the Type Ia supernova 2013gh. <i>Astronomy and Astrophysics</i> , 2016, 592, A40.	2.1	14
74	High-redshift supernova rates measured with the gravitational telescope A&E%1689. <i>Astronomy and Astrophysics</i> , 2016, 594, A54.	2.1	30
75	OPTICAL IDENTIFICATION OF CEPHEIDS IN 19 HOST GALAXIES OF TYPE Ia SUPERNOVAE AND NGC 4258 WITH THE HUBBLE SPACE TELESCOPE*. <i>Astrophysical Journal</i> , 2016, 830, 10.	1.6	37
76	The peculiar Type Ia supernova iPTF14atg: Chandrasekhar-mass explosion or violent merger?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 4428-4439.	1.6	63
77	No trace of a single-degenerate companion in late spectra of supernovae 2011fe and 2014j. <i>Astronomy and Astrophysics</i> , 2015, 577, A39.	2.1	67
78	Strong near-infrared carbon in the Type Ia supernova iPTF13ebh. <i>Astronomy and Astrophysics</i> , 2015, 578, A9.	2.1	68
79	A strong ultraviolet pulse from a newborn type Ia supernova. <i>Nature</i> , 2015, 521, 328-331.	13.7	157
80	Diversity in extinction laws of Type Ia supernovae measured between 0.2 and 2&E%174m. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3301-3329.	1.6	78
81	OBSERVATIONS OF THE M82 SN 2014J WITH THE KILODEGREE EXTREMELY LITTLE TELESCOPE. <i>Astrophysical Journal</i> , 2015, 799, 105.	1.6	21
82	SLOW-SPEED SUPERNOVAE FROM THE PALOMAR TRANSIENT FACTORY: TWO CHANNELS. <i>Astrophysical Journal</i> , 2015, 799, 52.	1.6	68
83	CONSTRAINTS ON THE ORIGIN OF THE FIRST LIGHT FROM SN 2014J. <i>Astrophysical Journal</i> , 2015, 799, 106.	1.6	53
84	TYPE IA SUPERNOVA COSMOLOGY: PAST AND FUTURE. , 2015, , .		1
85	Lensed Type Ia supernovae as probes of cluster mass models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2742-2754.	1.6	33
86	The Dark Universe &E%179 A mystery of 21st century physics. <i>Annalen Der Physik</i> , 2014, 526, A61.	0.9	0
87	THE PECULIAR EXTINCTION LAW OF SN 2014J MEASURED WITH THE <i>HUBBLE SPACE TELESCOPE</i>. <i>Astrophysical Journal Letters</i> , 2014, 788, L21.	3.0	94
88	THE RISE OF SN 2014J IN THE NEARBY GALAXY M82. <i>Astrophysical Journal Letters</i> , 2014, 784, L12.	3.0	104
89	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
90	Near-Infrared<i>K</i> Corrections of Type Ia Supernovae and their Errors. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 324-337.	1.0	9

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91	SNÂ2000cx and SNÂ2013bh: extremely rare, nearly twin Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1225-1237.	1.6	17
92	Herschel limits on far-infrared emission from circumstellar dust around three nearby Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 431, L43-L47.	1.2	27
93	Multi-epoch high-resolution spectroscopy of SNÂ2011fe. <i>Astronomy and Astrophysics</i> , 2013, 549, A62.	2.1	54
94	PRECISION MEASUREMENT OF THE MOST DISTANT SPECTROSCOPICALLY CONFIRMED SUPERNOVA Ia WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2013, 763, 35.	1.6	39
95	THE HUBBLE SPACE TELESCOPE CLUSTER SUPERNOVA SURVEY. VI. THE VOLUMETRIC TYPE Ia SUPERNOVA RATE. <i>Astrophysical Journal</i> , 2012, 745, 31.	1.6	28
96	THE HUBBLE SPACE TELESCOPE CLUSTER SUPERNOVA SURVEY. II. THE TYPE Ia SUPERNOVA RATE IN HIGH-REDSHIFT GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2012, 745, 32.	1.6	37
97	SNÂ2006oz: rise of a super-luminous supernova observed by the SDSS-II SN Survey. <i>Astronomy and Astrophysics</i> , 2012, 541, A129.	2.1	124
98	THE HUBBLE SPACE TELESCOPE CLUSTER SUPERNOVA SURVEY. V. IMPROVING THE DARK-ENERGY CONSTRAINTS ABOVE $z > 1$ AND BUILDING AN EARLY-TYPE-HOSTED SUPERNOVA SAMPLE. <i>Astrophysical Journal</i> , 2012, 746, 85.	1.6	1,382
99	PERTURBATIONS OF SNe Ia LIGHT CURVES, COLORS, AND SPECTRAL FEATURES BY CIRCUMSTELLAR DUST. <i>Astrophysical Journal</i> , 2011, 735, 20.	1.6	32
100	NTT and NOT spectroscopy of SDSS-II supernovae. <i>Astronomy and Astrophysics</i> , 2011, 526, A28.	2.1	39
101	EVIDENCE FOR A CORRELATION BETWEEN THE Si II λ 4000 WIDTH AND TYPE Ia SUPERNOVA COLOR. <i>Astrophysical Journal</i> , 2011, 734, 42.	1.6	26
102	A HIGHLY MAGNIFIED SUPERNOVA AT $z = 1.703$ BEHIND THE MASSIVE GALAXY CLUSTER A1689. <i>Astrophysical Journal Letters</i> , 2011, 742, L7.	3.0	27
103	Supernova Cosmology: Legacy and Future. <i>Annual Review of Nuclear and Particle Science</i> , 2011, 61, 251-279.	3.5	87
104	THE SUBLUMINOUS SUPERNOVA 2007qd: A MISSING LINK IN A FAMILY OF LOW-LUMINOSITY TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2010, 720, 704-716.	1.6	57
105	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
106	MEASUREMENTS OF THE RATE OF TYPE Ia SUPERNOVAE AT REDSHIFT $z \approx 0.3$ FROM THE SLOAN DIGITAL SKY SURVEY II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2010, 713, 1026-1036.	1.6	74
107	PHOTOMETRIC ESTIMATES OF REDSHIFTS AND DISTANCE MODULI FOR TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2010, 717, 40-57.	1.6	35
108	A MEASUREMENT OF THE RATE OF TYPE Ia SUPERNOVAE IN GALAXY CLUSTERS FROM THE SDSS-II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2010, 715, 1021-1035.	1.6	42

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109	Weighing dark matter haloes with gravitationally lensed supernovae. Monthly Notices of the Royal Astronomical Society, 2010, 402, 526-536.	1.6	14
110	Subaru FOCAS Spectroscopic Observations of High-Redshift Supernovae. Publication of the Astronomical Society of Japan, 2010, 62, 19-37.	1.0	16
111	SPECTRA AND <i>HUBBLE SPACE TELESCOPE</i> LIGHT CURVES OF SIX TYPE Ia SUPERNOVAE AT 0.511 z 1.12 AND THE UNION2 COMPILATION. Astrophysical Journal, 2010, 716, 712-738.	1.6	1,143
112	CONSTRAINING DUST AND COLOR VARIATIONS OF HIGH- z SNe USING NICMOS ON THE <i>HUBBLE SPACE TELESCOPE</i> . Astrophysical Journal, 2009, 700, 1415-1427.	1.6	6
113	Near-IR search for lensed supernovae behind galaxy clusters. Astronomy and Astrophysics, 2009, 507, 71-83.	2.1	31
114	CHARACTERIZING THE PROPERTIES OF CLUSTERS OF GALAXIES AS A FUNCTION OF LUMINOSITY AND REDSHIFT. Astrophysical Journal, 2009, 696, 1029-1050.	1.6	24
115	AN INTENSIVE <i>HUBBLE SPACE TELESCOPE</i> SURVEY FOR $z > 1$ TYPE Ia SUPERNOVAE BY TARGETING GALAXY CLUSTERS. Astronomical Journal, 2009, 138, 1271-1283.	1.9	60
116	TYPE Ia SNe ALONG REDSHIFT: THE $R_{Si II}$ RATIO AND THE EXPANSION VELOCITIES IN INTERMEDIATE- z SUPERNOVAE. Astrophysical Journal, 2009, 695, 135-148.	1.6	6
117	LOOKING BEYOND LAMBDA WITH THE UNION SUPERNOVA COMPILATION. Astrophysical Journal, 2009, 695, 391-403.	1.6	46
118	Improved Cosmological Constraints from New, Old, and Combined Supernova Data Sets. Astrophysical Journal, 2008, 686, 749-778.	1.6	1,217
119	Low R_V from Circumstellar Dust around Supernovae. Astrophysical Journal, 2008, 686, L103-L106.	1.6	130
120	A New Determination of the High-Redshift Type Ia Supernova Rates with the <i>Hubble Space Telescope</i> Advanced Camera for Surveys. Astrophysical Journal, 2008, 673, 981-998.	1.6	58
121	FIRST-YEAR SPECTROSCOPY FOR THE SLOAN DIGITAL SKY SURVEY-II SUPERNOVA SURVEY. Astronomical Journal, 2008, 135, 1766-1784.	1.9	52
122	THE SLOAN DIGITAL SKY SURVEY-II SUPERNOVA SURVEY: TECHNICAL SUMMARY. Astronomical Journal, 2008, 135, 338-347.	1.9	377
123	The colour-lightcurve shape relation of type Ia supernovae and the reddening law. Astronomy and Astrophysics, 2008, 487, 19-31.	2.1	78
124	The Peculiar Type Ia Supernova 2005hk. , 2007, , .		5
125	Tentative detection of the gravitational magnification of Type Ia supernovae. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 002-002.	1.9	18
126	Tuning Gravitationally Lensed Standard Sirens. Astrophysical Journal, 2007, 658, 52-59.	1.6	17

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127	ESC observations of SN 2005cf - I. Photometric evolution of a normal Type Ia supernova. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1301-1316.	1.6	86
128	Quantitative comparison between type Ia supernova spectra at low and high redshifts: a case study. Astronomy and Astrophysics, 2007, 470, 411-424.	2.1	49
129	Measurement of $\hat{\Omega}_m$, $\hat{\Omega}_\Lambda$ from a Blind Analysis of Type Ia Supernovae with CMAGIC: Using Color Information to Verify the Acceleration of the Universe. Astrophysical Journal, 2006, 644, 1-20.	1.6	57
130	Corrections for Gravitational Lensing of Supernovae: Better than Average?. Astrophysical Journal, 2006, 640, 417-427.	1.6	33
131	Lensing Magnification of Supernovae in the GOODS Fields. Astrophysical Journal, 2006, 639, 991-998.	1.6	32
132	The Supernova Legacy Survey: measurement of $\Omega_{\mathbf{M}}$, $\Omega_{\mathbf{\Lambda}}$ and w from the first year data set. Astronomy and Astrophysics, 2006, 447, 31-48.	2.1	2,091
133	SN 2004aw: confirming diversity of Type Ic supernovae. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1459-1477.	1.6	159
134	Spectroscopic Observations and Analysis of the Unusual Type Ia SN 1999ac. Astronomical Journal, 2005, 130, 2278-2292.	1.9	39
135	SIX YEARS OF DARK ENERGY: PRESENT AND PROSPECTS. , 2005, , .		0
136	High-Velocity Features: A Ubiquitous Property of Type Ia Supernovae. Astrophysical Journal, 2005, 623, L37-L40.	1.6	146
137	Spectra of High-Redshift Type Ia Supernovae and a Comparison with Their Low-Redshift Counterparts. Astronomical Journal, 2005, 130, 2788-2803.	1.9	49
138	Restframe I-band Hubble diagram for type Ia supernovae up to redshift $z \sim 0.5$. Astronomy and Astrophysics, 2005, 437, 789-804.	2.1	46
139	Spectroscopic Observations and Analysis of the Peculiar SN 1999aa. Astronomical Journal, 2004, 128, 387-404.	1.9	99
140	Supernova 2002bo: inadequacy of the single parameter description. Monthly Notices of the Royal Astronomical Society, 2004, 348, 261-278.	1.6	169
141	Weak lensing from space I: instrumentation and survey strategy. Astroparticle Physics, 2004, 20, 377-389.	1.9	23
142	The Hubble diagram of type Ia supernovae as a function of host galaxy morphology. Monthly Notices of the Royal Astronomical Society, 2003, 340, 1057-1075.	1.6	112
143	New Constraints on $\hat{\Omega}_M$, $\hat{\Omega}_\Lambda$, and w from an Independent Set of 11 High-Redshift Supernovae Observed with the Hubble Space Telescope. Astrophysical Journal, 2003, 598, 102-137.	1.6	1,406
144	Constraints on intergalactic dust from quasar colours. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 009-009.	1.9	21

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145	Correcting for lensing bias in the Hubble diagram. <i>Astronomy and Astrophysics</i> , 2003, 397, 819-823.	2.1	24
146	SUPERNOVAE AND DARK ENERGY. , 2003, , .		0
147	The Type I[CLC]a[/CLC] Supernova 1999[CLC]aw[/CLC]: A Probable 1999[CLC]aa[/CLC]-like Event in a Low-Luminosity Host Galaxy. <i>Astronomical Journal</i> , 2002, 124, 2905-2919.	1.9	76
148	The Distant Type Ia Supernova Rate. <i>Astrophysical Journal</i> , 2002, 577, 120-132.	1.6	94
149	Selection of High- z Supernova Candidates. <i>Publications of the Astronomical Society of the Pacific</i> , 2002, 114, 284-297.	1.0	10
150	Measuring the properties of extragalactic dust and implications for the Hubble diagram. <i>Astronomy and Astrophysics</i> , 2002, 384, 1-10.	2.1	55
151	SNOC: A Monte-Carlo simulation package for high- z supernova observations. <i>Astronomy and Astrophysics</i> , 2002, 392, 757-771.	2.1	43
152	Cosmological parameters from lensed supernovae. <i>Astronomy and Astrophysics</i> , 2002, 393, 25-32.	2.1	40
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