

Saul Perlmutter

List of Publications by Year in descending order

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12793
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#	ARTICLE	IF	CITATIONS
1	Accuracy of environmental tracers and consequences for determining the Type Ia supernova magnitude step. <i>Astronomy and Astrophysics</i> , 2022, 657, A22.	2.1	16
2	An Assessment of the In Situ Growth of the Intracluster Light in the High-redshift Galaxy Cluster SpARCS1049+56. <i>Astrophysical Journal</i> , 2022, 930, 25.	1.6	4
3	The HST See Change Program. I. Survey Design, Pipeline, and Supernova Discoveries*. <i>Astrophysical Journal</i> , 2021, 912, 87.	1.6	8
4	Redshift evolution of the underlying type Ia supernova stretch distribution. <i>Astronomy and Astrophysics</i> , 2021, 649, A74.	2.1	23
5	The Twins Embedding of Type Ia Supernovae. II. Improving Cosmological Distance Estimates. <i>Astrophysical Journal</i> , 2021, 912, 71.	1.6	12
6	The Twins Embedding of Type Ia Supernovae. I. The Diversity of Spectra at Maximum Light. <i>Astrophysical Journal</i> , 2021, 912, 70.	1.6	11
7	Going Forward with the Nancy Grace Roman Space Telescope Transient Survey: Validation of Precision Forward-modeling Photometry for Undersampled Imaging. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 064001.	1.0	6
8	Kira: Processing Astronomy Imagery Using Big Data Technology. <i>IEEE Transactions on Big Data</i> , 2020, 6, 369-381.	4.4	21
9	The growth of brightest cluster galaxies and intracluster light over the past 10 billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 3751-3759.	1.6	38
10	The H α star formation main sequence in cluster and field galaxies at $z \approx 1.6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3061-3070.	1.6	9
11	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
12	SUGAR: An improved empirical model of Type Ia supernovae based on spectral features. <i>Astronomy and Astrophysics</i> , 2020, 636, A46.	2.1	26
13	Strong dependence of Type Ia supernova standardization on the local specific star formation rate. <i>Astronomy and Astrophysics</i> , 2020, 644, A176.	2.1	96
14	Initial Evaluation of SNEMO2 and SNEMO7 Standardization Derived from Current Light Curves of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2020, 890, 60.	1.6	7
15	Constraining the Mass of the Emerging Galaxy Cluster SpARCS1049+56 at $z=1.71$ with Infrared Weak Lensing. <i>Astrophysical Journal</i> , 2020, 893, 10.	1.6	12
16	The Morphology–Density Relationship in $1 < z < 2$ Clusters. <i>Astrophysical Journal</i> , 2020, 899, 85.	1.6	20
17	Carnegie Supernova Project II: The Slowest Rising Type Ia Supernova LSQ14fmg and Clues to the Origin of Super-Chandrasekhar/03fg-like Events*. <i>Astrophysical Journal</i> , 2020, 900, 140.	1.6	24
18	The SNEMO and SUGAR Companion Data Sets. <i>Research Notes of the AAS</i> , 2020, 4, 63.	0.3	5

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19	The Massive and Distant Clusters of <i>WISE</i> Survey. I. Survey Overview and a Catalog of ~ 2000 Galaxy Clusters at $z < 1$. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 33.	3.0	50
20	Precise Mass Determination of SPT-CL J2106-5844, the Most Massive Cluster at $z \sim 1$. <i>Astrophysical Journal</i> , 2019, 887, 76.	1.6	9
21	Carnegie Supernova Project-II: Extending the Near-infrared Hubble Diagram for Type Ia Supernovae to $z \sim 0.1$. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 014001.	1.0	56
22	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
23	SNEMO: Improved Empirical Models for Type Ia Supernovae. <i>Astrophysical Journal</i> , 2018, 869, 167.	1.6	37
24	Correcting for peculiar velocities of Type Ia supernovae in clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2018, 615, A162.	2.1	8
25	Understanding type Ia supernovae through their <i>U</i> -band spectra. <i>Astronomy and Astrophysics</i> , 2018, 614, A71.	2.1	11
26	Evidence of environmental dependencies of Type Ia supernovae from the Nearby Supernova Factory indicated by local $H \pm$ (Corrigendum). <i>Astronomy and Astrophysics</i> , 2018, 612, C1.	2.1	3
27	The Discovery of a Gravitationally Lensed Supernova Ia at Redshift 2.22. <i>Astrophysical Journal</i> , 2018, 866, 65.	1.6	21
28	A Binary Offset Effect in CCD Readout and Its Impact on Astronomical Data. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 064504.	1.0	7
29	The Extinction Properties of and Distance to the Highly Reddened Type IA Supernova 2012cu. <i>Astrophysical Journal</i> , 2017, 836, 157.	1.6	18
30	First Weak-lensing Results from <i>See Change</i> : Quantifying Dark Matter in the Two $z \sim 1.5$ High-redshift Galaxy Clusters SPT-CL J2040+4451 and IDCS J1426+3508. <i>Astrophysical Journal</i> , 2017, 847, 117.	1.6	16
31	ISOPHOTE SHAPES OF EARLY-TYPE GALAXIES IN MASSIVE CLUSTERS AT $z \sim 1$ AND 0. <i>Astrophysical Journal</i> , 2017, 834, 109.	1.6	7
32	Galaxy Merger Candidates in High-redshift Cluster Environments. <i>Astrophysical Journal</i> , 2017, 843, 126.	1.6	22
33	SCALA: In situ calibration for integral field spectrographs. <i>Astronomy and Astrophysics</i> , 2017, 607, A113.	2.1	6
34	UNITY: CONFRONTING SUPERNOVA COSMOLOGY'S STATISTICAL AND SYSTEMATIC UNCERTAINTIES IN A UNIFIED BAYESIAN FRAMEWORK. <i>Astrophysical Journal</i> , 2015, 813, 137.	1.6	68
35	THE MASSIVE AND DISTANT CLUSTERS OF <i>WISE</i> SURVEY: MOO J1142+1527, A 10^{15} GALAXY CLUSTER AT $z = 1.19$. <i>Astrophysical Journal Letters</i> , 2015, 812, L40.	3.0	28
36	IMPROVING COSMOLOGICAL DISTANCE MEASUREMENTS USING TWIN TYPE IA SUPERNOVAE. <i>Astrophysical Journal</i> , 2015, 815, 58.	1.6	47

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37	AN EXTREME STARBURST IN THE CORE OF A RICH GALAXY CLUSTER AT $z = 1.7$. <i>Astrophysical Journal</i> , 2015, 809, 173.	1.6	43
38	Measuring cosmic bulk flows with Type Ia supernovae from the Nearby Supernova Factory (Corrigendum). <i>Astronomy and Astrophysics</i> , 2015, 578, C1.	2.1	2
39	Blind analysis: Hide results to seek the truth. <i>Nature</i> , 2015, 526, 187-189.	13.7	154
40	Scientific computing meets big data technology: An astronomy use case. , 2015, , .		35
41	TYPE Ia SUPERNOVA DISTANCE MODULUS BIAS AND DISPERSION FROM K -CORRECTION ERRORS: A DIRECT MEASUREMENT USING LIGHT CURVE FITS TO OBSERVED SPECTRAL TIME SERIES. <i>Astrophysical Journal</i> , 2015, 800, 57.	1.6	8
42	CONFIRMATION OF A STAR FORMATION BIAS IN TYPE Ia SUPERNOVA DISTANCES AND ITS EFFECT ON THE MEASUREMENT OF THE HUBBLE CONSTANT. <i>Astrophysical Journal</i> , 2015, 802, 20.	1.6	171
43	A CALIBRATION OF NICMOS CAMERA 2 FOR LOW COUNT RATES. <i>Astronomical Journal</i> , 2015, 149, 159.	1.9	5
44	A metric space for Type Ia supernova spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1247-1266.	1.6	16
45	Distance probes of dark energy. <i>Astroparticle Physics</i> , 2015, 63, 2-22.	1.9	11
46	Type Ia supernova bolometric light curves and ejected mass estimates from the Nearby Supernova Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1498-1518.	1.6	105
47	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
48	The Type Ia supernovae rate with Subaru/XMM-Newton Deep Survey. <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	1.0	11
49	TYPE Ia SUPERNOVA HUBBLE RESIDUALS AND HOST-GALAXY PROPERTIES. <i>Astrophysical Journal</i> , 2014, 784, 51.	1.6	13
50	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
51	HOST GALAXIES OF TYPE Ia SUPERNOVAE FROM THE NEARBY SUPERNOVA FACTORY. <i>Astrophysical Journal</i> , 2013, 770, 107.	1.6	63
52	Decadal variations in the global atmospheric land temperatures. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5280-5286.	1.2	63
53	Spectrophotometric time series of SN 2011fe from the Nearby Supernova Factory. <i>Astronomy and Astrophysics</i> , 2013, 554, A27.	2.1	178
54	HOST GALAXY PROPERTIES AND HUBBLE RESIDUALS OF TYPE Ia SUPERNOVAE FROM THE NEARBY SUPERNOVA FACTORY. <i>Astrophysical Journal</i> , 2013, 770, 108.	1.6	123

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55	STANDARDIZING TYPE Ia SUPERNOVA ABSOLUTE MAGNITUDES USING GAUSSIAN PROCESS DATA REGRESSION. <i>Astrophysical Journal</i> , 2013, 766, 84.	1.6	40
56	Evidence of environmental dependencies of Type Ia supernovae from the Nearby Supernova Factory indicated by local H_0 . <i>Astronomy and Astrophysics</i> , 2013, 560, A66.	2.1	151
57	Measuring cosmic bulk flows with Type Ia supernovae from the Nearby Supernova Factory. <i>Astronomy and Astrophysics</i> , 2013, 560, A90.	2.1	80
58	Atmospheric extinction properties above Mauna Kea from the Nearby SuperNova Factory spectro-photometric data set. <i>Astronomy and Astrophysics</i> , 2013, 549, A8.	2.1	85
59	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
60	A SEARCH FOR NEW CANDIDATE SUPER-CHANDRASEKHAR-MASS TYPE Ia SUPERNOVAE IN THE NEARBY SUPERNOVA FACTORY DATA SET. <i>Astrophysical Journal</i> , 2012, 757, 12.	1.6	64
61	ASSEMBLY OF THE RED SEQUENCE IN INFRARED-SELECTED GALAXY CLUSTERS FROM THE IRAC SHALLOW CLUSTER SURVEY. <i>Astrophysical Journal</i> , 2012, 756, 114.	1.6	61
62	EVIDENCE FOR TYPE Ia SUPERNOVA DIVERSITY FROM ULTRAVIOLET OBSERVATIONS WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2012, 749, 126.	1.6	49
63	THE HUBBLE SPACE TELESCOPE CLUSTER SUPERNOVA SURVEY. VI. THE VOLUMETRIC TYPE Ia SUPERNOVA RATE. <i>Astrophysical Journal</i> , 2012, 745, 31.	1.6	28
64	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
65	THE HUBBLE SPACE TELESCOPE CLUSTER SUPERNOVA SURVEY. III. CORRELATED PROPERTIES OF TYPE Ia SUPERNOVAE AND THEIR HOSTS AT $0.9 < z < 1.46$. <i>Astrophysical Journal</i> , 2012, 750, 1.	1.6	46
66	CONSTRAINING TYPE Ia SUPERNOVA MODELS: SN 2011fe AS A TEST CASE. <i>Astrophysical Journal Letters</i> , 2012, 750, L19.	3.0	175
67	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
68	EVOLUTION IN THE VOLUMETRIC TYPE Ia SUPERNOVA RATE FROM THE SUPERNOVA LEGACY SURVEY. <i>Astronomical Journal</i> , 2012, 144, 59.	1.9	59
69	Nobel Lecture: Measuring the acceleration of the cosmic expansion using supernovae. <i>Reviews of Modern Physics</i> , 2012, 84, 1127-1149.	16.4	52
70	SCALING RELATIONS AND OVERABUNDANCE OF MASSIVE CLUSTERS AT $z < 1$ FROM WEAK-LENSING STUDIES WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2011, 737, 59.	1.6	104
71	KECK OBSERVATIONS OF THE YOUNG METAL-POOR HOST GALAXY OF THE SUPER-CHANDRASEKHAR-MASS TYPE Ia SUPERNOVA SN 2007if. <i>Astrophysical Journal</i> , 2011, 733, 3.	1.6	28
72	SNLS3: CONSTRAINTS ON DARK ENERGY COMBINING THE SUPERNOVA LEGACY SURVEY THREE-YEAR DATA WITH OTHER PROBES. <i>Astrophysical Journal</i> , 2011, 737, 102.	1.6	370

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73	CONSTRAINING TYPE Ia SUPERNOVAE PROGENITORS FROM THREE YEARS OF SUPERNOVA LEGACY SURVEY DATA. <i>Astrophysical Journal</i> , 2011, 741, 20.	1.6	73
74	The reddening law of type Ia supernovae: separating intrinsic variability from dust using equivalent widths. <i>Astronomy and Astrophysics</i> , 2011, 529, L4.	2.1	110
75	Photometric selection of Type Ia supernovae in the Supernova Legacy Survey. <i>Astronomy and Astrophysics</i> , 2011, 534, A43.	2.1	44
76	TYPE Ia SUPERNOVA CARBON FOOTPRINTS. <i>Astrophysical Journal</i> , 2011, 743, 27.	1.6	78
77	Supernova Legacy Survey: using spectral signatures to improve Type Ia supernovae as distance indicators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 1262-1282.	1.6	42
78	Cosmology with the Nearby Supernova Factory. <i>Progress in Particle and Nuclear Physics</i> , 2011, 66, 335-339.	5.6	1
79	SUPERNOVA CONSTRAINTS AND SYSTEMATIC UNCERTAINTIES FROM THE FIRST THREE YEARS OF THE SUPERNOVA LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 192, 1.	3.0	672
80	The Supernova Legacy Survey 3-year sample: Type Ia supernovae photometric distances and cosmological constraints. <i>Astronomy and Astrophysics</i> , 2010, 523, A7.	2.1	412
81	NEARBY SUPERNOVA FACTORY OBSERVATIONS OF SN 2007if: FIRST TOTAL MASS MEASUREMENT OF A SUPER-CHANDRASEKHAR-MASS PROGENITOR. <i>Astrophysical Journal</i> , 2010, 713, 1073-1094.	1.6	292
82	The dependence of Type Ia Supernovae luminosities on their host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	229
83	Cluster galaxies in XMMU J2235-2557: galaxy population properties in most massive environments at $z \approx 1.4$. <i>Astronomy and Astrophysics</i> , 2010, 524, A17.	2.1	81
84	THE TYPE Ia SUPERNOVA RATE IN RADIO AND INFRARED GALAXIES FROM THE CANADA-FRANCE-HAWAII TELESCOPE SUPERNOVA LEGACY SURVEY. <i>Astronomical Journal</i> , 2010, 139, 594-605.	1.9	5
85	Subaru FOCAS Spectroscopic Observations of High-Redshift Supernovae. <i>Publication of the Astronomical Society of Japan</i> , 2010, 62, 19-37.	1.0	16
86	The Nearby Supernova Factory dataset-improving SNe Ia as dark energy probes. , 2010, , .		0
87	SPECTRA AND HUBBLE SPACE TELESCOPE LIGHT CURVES OF SIX TYPE Ia SUPERNOVAE AT 0.511 <math>z < 1.12</math> AND THE UNION2 COMPILATION. <i>Astrophysical Journal</i> , 2010, 716, 712-738.	1.6	1,143
88	DISCOVERY OF AN UNUSUAL OPTICAL TRANSIENT WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2009, 690, 1358-1362.	1.6	109
89	THE XMM CLUSTER SURVEY: GALAXY MORPHOLOGIES AND THE COLOR-MAGNITUDE RELATION IN XMMXCS J2215.9 - 1738 AT $z = 1.46$. <i>Astrophysical Journal</i> , 2009, 697, 436-451.	1.6	78
90	CONSTRAINING DUST AND COLOR VARIATIONS OF HIGH- z SNe USING NICMOS ON THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2009, 700, 1415-1427.	1.6	6

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91	THE EFFECT OF PROGENITOR AGE AND METALLICITY ON LUMINOSITY AND ^{56}Ni YIELD IN TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2009, 691, 661-671.	1.6	135
92	Using spectral flux ratios to standardize SN Ia luminosities. <i>Astronomy and Astrophysics</i> , 2009, 500, L17-L20.	2.1	85
93	HUBBLE SPACE TELESCOPE DISCOVERY OF A $z = 3.9$ MULTIPLY IMAGED GALAXY BEHIND THE COMPLEX CLUSTER LENS WARPS J1415.1+36 AT $z = 1.026$. <i>Astrophysical Journal</i> , 2009, 707, L12-L16.	1.6	20
94	The Nearby Supernova Factory: First Results. <i>EAS Publications Series</i> , 2009, 36, 11-15.	0.3	0
95	AN INTENSIVE HUBBLE SPACE TELESCOPE SURVEY FOR $z > 1$ TYPE Ia SUPERNOVAE BY TARGETING GALAXY CLUSTERS. <i>Astronomical Journal</i> , 2009, 138, 1271-1283.	1.9	60
96	HUBBLE SPACE TELESCOPE WEAK-LENSING STUDY OF THE GALAXY CLUSTER XMMU J2235.3 $\hat{=}$ 2557 AT $z \hat{=} 1.4$: A SURPRISINGLY MASSIVE GALAXY CLUSTER WHEN THE UNIVERSE IS ONE-THIRD OF ITS CURRENT AGE. <i>Astrophysical Journal</i> , 2009, 704, 672-686.	1.6	105
97	A rate study of Type Ia supernovae with Subaru/XMM-Newton Deep Survey. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 358-361.	0.0	0
98	LOOKING BEYOND LAMBDA WITH THE UNION SUPERNOVA COMPILATION. <i>Astrophysical Journal</i> , 2009, 695, 391-403.	1.6	46
99	Multiwavelength observations of a rich galaxy cluster at $z \sim 1$. <i>Astronomy and Astrophysics</i> , 2009, 501, 49-60.	2.1	33
100	Improved Cosmological Constraints from New, Old, and Combined Supernova Data Sets. <i>Astrophysical Journal</i> , 2008, 686, 749-778.	1.6	1,217
101	A New Determination of the High-Redshift Type Ia Supernova Rates with the Hubble Space Telescope Advanced Camera for Surveys. <i>Astrophysical Journal</i> , 2008, 673, 981-998.	1.6	58
102	Clustering of Supernova Ia Host Galaxies. <i>Astrophysical Journal</i> , 2008, 682, L25-L28.	1.6	7
103	TYPE Ia SUPERNOVAE RATES AND GALAXY CLUSTERING FROM THE CFHT SUPERNOVA LEGACY SURVEY. <i>Astronomical Journal</i> , 2008, 135, 1343-1349.	1.9	29
104	SNLS spectroscopy: testing for evolution in type Ia supernovae. <i>Astronomy and Astrophysics</i> , 2008, 477, 717-734.	2.1	76
105	The Subaru/XMM-Newton Deep Survey (SXDS). V. Optically Faint Variable Object Survey. <i>Astrophysical Journal</i> , 2008, 676, 163-183.	1.6	21
106	Nearby Supernova Factory Observations of SN 2006D: On Sporadic Carbon Signatures in Early Type Ia Supernova Spectra. <i>Astrophysical Journal</i> , 2007, 654, L53-L56.	1.6	49
107	Rest-Frame R-band Light Curve of a $z \sim 1.3$ Supernova Obtained with Keck Laser Adaptive Optics. <i>Astronomical Journal</i> , 2007, 133, 2709-2715.	1.9	12
108	Snapping supernovae at $z > 1.7$. <i>Astroparticle Physics</i> , 2007, 27, 213-225.	1.9	15

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109	Quantitative comparison between type Ia supernova spectra at low and high redshifts: a case study. <i>Astronomy and Astrophysics</i> , 2007, 470, 411-424.	2.1	49
110	Improvements to the Image Processing of Hubble Space Telescope NICMOS Observations with Multiple Readouts. <i>Publications of the Astronomical Society of the Pacific</i> , 2006, 118, 907-919.	1.0	5
111	Measurement of \hat{m} , \hat{f} from a Blind Analysis of Type Ia Supernovae with CMAGIC: Using Color Information to Verify the Acceleration of the Universe. <i>Astrophysical Journal</i> , 2006, 644, 1-20.	1.6	57
112	Nonlinear Decline Rate Dependence and Intrinsic Variation of Type Ia Supernova Luminosities. <i>Astrophysical Journal</i> , 2006, 641, 50-69.	1.6	48
113	Photometric Selection of High-Redshift Type Ia Supernova Candidates. <i>Astronomical Journal</i> , 2006, 131, 960-972.	1.9	84
114	GRB 050408: A Bright Gamma-Ray Burst Probing an Atypical Galactic Environment. <i>Astrophysical Journal</i> , 2006, 645, 450-463.	1.6	22
115	The Type Ia Supernova Rate at $z \approx 0.5$ from the Supernova Legacy Survey. <i>Astronomical Journal</i> , 2006, 132, 1126-1145.	1.9	97
116	The Rise Time of Type Ia Supernovae from the Supernova Legacy Survey. <i>Astronomical Journal</i> , 2006, 132, 1707-1713.	1.9	89
117	Nearby Supernova Factory Observations of SN 2005gj: Another Type Ia Supernova in a Massive Circumstellar Envelope. <i>Astrophysical Journal</i> , 2006, 650, 510-527.	1.6	222
118	The Supernova Legacy Survey: measurement of Ω_{M} , Ω_{Lambda} and w from the first year data set. <i>Astronomy and Astrophysics</i> , 2006, 447, 31-48.	2.1	2,091
119	The Nearby Supernova Factory. <i>New Astronomy Reviews</i> , 2006, 50, 436-438.	5.2	22
120	Rates and Properties of Type Ia Supernovae as a Function of Mass and Star Formation in Their Host Galaxies. <i>Astrophysical Journal</i> , 2006, 648, 868-883.	1.6	430
121	A Definitive Measurement of Time Dilation in the Spectral Evolution of the Moderate-Redshift Type Ia Supernova 1997ex. <i>Astrophysical Journal</i> , 2005, 626, L11-L14.	1.6	28
122	Spectroscopic Observations and Analysis of the Unusual Type Ia SN 1999ac. <i>Astronomical Journal</i> , 2005, 130, 2278-2292.	1.9	39
123	Spectra of High-Redshift Type Ia Supernovae and a Comparison with Their Low-Redshift Counterparts. <i>Astronomical Journal</i> , 2005, 130, 2788-2803.	1.9	49
124	Gemini Spectroscopy of Supernovae from the Supernova Legacy Survey: Improving High-Redshift Supernova Selection and Classification. <i>Astrophysical Journal</i> , 2005, 634, 1190-1201.	1.6	160
125	Spectroscopic confirmation of high-redshift supernovae with the ESO VLT. <i>Astronomy and Astrophysics</i> , 2005, 430, 843-851.	2.1	35
126	Restframe-band Hubble diagram for type Ia supernovae up to redshift $z \sim 0.5$. <i>Astronomy and Astrophysics</i> , 2005, 437, 789-804.	2.1	46

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127	Studying Dark Energy with Supernovae Now, Soon, and the NotTooDistant Future. Physica Scripta, 2005, , 17.	1.2	6
128	Spectroscopic Observations and Analysis of the Peculiar SN 1999aa. Astronomical Journal, 2004, 128, 387-404.	1.9	99
129	Weak lensing from space I: instrumentation and survey strategy. Astroparticle Physics, 2004, 20, 377-389.	1.9	23
130	The Nearby Supernova Factory. New Astronomy Reviews, 2004, 48, 637-640.	5.2	49
131	Weak Lensing from Space. II. Dark Matter Mapping. Astronomical Journal, 2004, 127, 3089-3101.	1.9	45
132	Weak Lensing from Space. III. Cosmological Parameters. Astronomical Journal, 2004, 127, 3102-3114.	1.9	73
133	Dark energy: Recent observations and future prospects. Nuclear Physics, Section B, Proceedings Supplements, 2003, 124, 13-20.	0.5	1
134	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
135	Supernovae, Dark Energy, and the Accelerating Universe. Physics Today, 2003, 56, 53-60.	0.3	232
136	New Constraints on Ω_M , Ω_b , 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
137	SNAP focal plane. , 2003, , .		6
138	Spectropolarimetry of SN 2001el in NGC 1448: Asphericity of a Normal Type Ia Supernova. Astrophysical Journal, 2003, 591, 1110-1128.	1.6	185
139	Dark energy: recent observations and future prospects. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2003, 361, 2469-2478.	1.6	2
140	Multicolor Light Curves of Type Ia Supernovae on the Color-Magnitude Diagram: A Novel Step toward More Precise Distance and Extinction Estimates. Astrophysical Journal, 2003, 590, 944-970.	1.6	99
141	Measuring Cosmology with Supernovae. Lecture Notes in Physics, 2003, , 195-217.	0.3	103
142	The Type Ia Supernova 1999aw: A Probable 1999aa-like Event in a Low-Luminosity Host Galaxy. Astronomical Journal, 2002, 124, 2905-2919.	1.9	76
143	Overview of the SuperNova/Acceleration Probe (SNAP). , 2002, , .		50
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