

Saurabh Jha

List of Publications by Year in descending order

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144
papers

40,595
citations

12330

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14173
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#	ARTICLE	IF	CITATIONS
1	Observational Evidence from Supernovae for an Accelerating Universe and a Cosmological Constant. <i>Astronomical Journal</i> , 1998, 116, 1009-1038.	4.7	14,196
2	Type Ia Supernova Discoveries at $z > 1$ from the Hubble Space Telescope: Evidence for Past Deceleration and Constraints on Dark Energy Evolution. <i>Astrophysical Journal</i> , 2004, 607, 665-687.	4.5	3,498
3	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 35.	7.7	1,590
4	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY – THE HUBBLE SPACE TELESCOPE OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 36.	7.7	1,549
5	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.	4.5	1,430
6	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	1,422
7	A 3% SOLUTION: DETERMINATION OF THE HUBBLE CONSTANT WITH THE HUBBLE SPACE TELESCOPE AND WIDE FIELD CAMERA 3. <i>Astrophysical Journal</i> , 2011, 730, 119.	4.5	1,229
8	IMPROVED DARK ENERGY CONSTRAINTS FROM $\sim 1/4$ 100 NEW CfA SUPERNOVA TYPE Ia LIGHT CURVES. <i>Astrophysical Journal</i> , 2009, 700, 1097-1140.	4.5	747
9	Improved Distances to Type Ia Supernovae with Multicolor Light Curve Shapes: MLCS2k2. <i>Astrophysical Journal</i> , 2007, 659, 122-148.	4.5	689
10	A REDETERMINATION OF THE HUBBLE CONSTANT WITH THE HUBBLE SPACE TELESCOPE FROM A DIFFERENTIAL DISTANCE LADDER. <i>Astrophysical Journal</i> , 2009, 699, 539-563.	4.5	679
11	THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE: AN OVERVIEW. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 25.	7.7	659
12	[BVR] Light Curves for 22 Type I [CLC] Supernovae. <i>Astronomical Journal</i> , 1999, 117, 707-724.	4.7	602
13	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.	4.4	597
14	FIRST-YEAR SLOAN DIGITAL SKY SURVEY-II SUPERNOVA RESULTS: HUBBLE DIAGRAM AND COSMOLOGICAL PARAMETERS. <i>Astrophysical Journal, Supplement Series</i> , 2009, 185, 32-84.	7.7	565
15	CfA3: 185 TYPE Ia SUPERNOVA LIGHT CURVES FROM THE CfA. <i>Astrophysical Journal</i> , 2009, 700, 331-357.	4.5	388
16	THE SLOAN DIGITAL SKY SURVEY-II SUPERNOVA SURVEY: TECHNICAL SUMMARY. <i>Astronomical Journal</i> , 2008, 135, 338-347.	4.7	377
17	The Discovery of the Electromagnetic Counterpart of GW170817: Kilonova AT 2017gfo/DTL17ck. <i>Astrophysical Journal Letters</i> , 2017, 848, L24.	8.3	309
18	UBVR Light Curves of 44 Type Ia Supernovae. <i>Astronomical Journal</i> , 2006, 131, 527-554.	4.7	302

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19	TYPE Ia SUPERNOVAE: A NEW CLASS OF STELLAR EXPLOSION. <i>Astrophysical Journal</i> , 2013, 767, 57.	4.5	295
20	SN 2002cx: The Most Peculiar Known Type Ia Supernova. <i>Publications of the Astronomical Society of the Pacific</i> , 2003, 115, 453-473.	3.1	288
21	Exclusion of a luminous red giant as a companion star to the progenitor of supernova SN 2011fe. <i>Nature</i> , 2011, 480, 348-350.	27.8	274
22	A magnified young galaxy from about 500 million years after the Big Bang. <i>Nature</i> , 2012, 489, 406-408.	27.8	273
23	An extrasolar planet that transits the disk of its parent star. <i>Nature</i> , 2003, 421, 507-509.	27.8	269
24	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.	4.4	262
25	THE SPECTROSCOPIC DIVERSITY OF TYPE Ia SUPERNOVAE. <i>Astronomical Journal</i> , 2012, 143, 126.	4.7	238
26	THE EFFECT OF HOST GALAXIES ON TYPE Ia SUPERNOVAE IN THE SDSS-II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2010, 722, 566-576.	4.5	216
27	SNANA: A Public Software Package for Supernova Analysis. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1028-1035.	3.1	212
28	Multiple images of a highly magnified supernova formed by an early-type cluster galaxy lens. <i>Science</i> , 2015, 347, 1123-1126.	12.6	202
29	The Peculiar SN 2005hk: Do Some Type Ia Supernovae Explode as Deflagrations?. <i>Publications of the Astronomical Society of the Pacific</i> , 2007, 119, 360-387.	3.1	192
30	ASASSN-15lh: A highly super-luminous supernova. <i>Science</i> , 2016, 351, 257-260.	12.6	172
31	THE SLOAN DIGITAL SKY SURVEY-II: PHOTOMETRY AND SUPERNOVA IA LIGHT CURVES FROM THE 2005 DATA. <i>Astronomical Journal</i> , 2008, 136, 2306-2320.	4.7	168
32	Type Ia Supernova Distances at Redshift > 1.5 from the Hubble Space Telescope Multi-cycle Treasury Programs: The Early Expansion Rate. <i>Astrophysical Journal</i> , 2018, 853, 126.	4.5	168
33	The Luminosity of SN 1999by in NGC 2841 and the Nature of "Peculiar" Type Ia Supernovae. <i>Astrophysical Journal</i> , 2004, 613, 1120-1132.	4.5	156
34	A Study of the Type II-Plateau Supernova 1999[CLC]gi[/CLC] and the Distance to its Host Galaxy, NGC 3184. <i>Astronomical Journal</i> , 2002, 124, 2490-2505.	4.7	146
35	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.	4.5	145
36	RELICS: Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2019, 884, 85.	4.5	141

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37	A luminous, blue progenitor system for the type Ia supernova 2012Z. <i>Nature</i> , 2014, 512, 54-56.	27.8	136
38	Measuring the Hubble constant with Type Ia supernovae as near-infrared standard candles. <i>Astronomy and Astrophysics</i> , 2018, 609, A72.	5.1	136
39	Late-Time Spectroscopy of SN 2002cx: The Prototype of a New Subclass of Type Ia Supernovae. <i>Astronomical Journal</i> , 2006, 132, 189-196.	4.7	135
40	TYPE-Ia SUPERNOVA RATES TO REDSHIFT 2.4 FROM CLASH: THE CLUSTER LENSING AND SUPERNOVA SURVEY WITH HUBBLE. <i>Astrophysical Journal</i> , 2014, 783, 28.	4.5	132
41	SN 2012cg: EVIDENCE FOR INTERACTION BETWEEN A NORMAL SN Ia AND A NON-DEGENERATE BINARY COMPANION. <i>Astrophysical Journal</i> , 2016, 820, 92.	4.5	132
42	Results from the Supernova Photometric Classification Challenge. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 1415-1431.	3.1	130
43	Testing Blend Scenarios for Extrasolar Transiting Planet Candidates. I. OGLE-TR-3: A False Positive. <i>Astrophysical Journal</i> , 2004, 614, 979-989.	4.5	129
44	TYPE Ia SUPERNOVA RATE MEASUREMENTS TO REDSHIFT 2.5 FROM CANDELS: SEARCHING FOR PROMPT EXPLOSIONS IN THE EARLY UNIVERSE. <i>Astronomical Journal</i> , 2014, 148, 13.	4.7	121
45	CLASH: PRECISE NEW CONSTRAINTS ON THE MASS PROFILE OF THE GALAXY CLUSTER A2261. <i>Astrophysical Journal</i> , 2012, 757, 22.	4.5	112
46	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.	4.4	112
47	Simulations of the WFIRST Supernova Survey and Forecasts of Cosmological Constraints. <i>Astrophysical Journal</i> , 2018, 867, 23.	4.5	112
48	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.	3.1	109
49	A hybrid type Ia supernova with an early flash triggered by helium-shell detonation. <i>Nature</i> , 2017, 550, 80-83.	27.8	106
50	THE RISE AND FALL OF TYPE Ia SUPERNOVA LIGHT CURVES IN THE SDSS-II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2010, 712, 350-366.	4.5	103
51	The Transiting Extrasolar Giant Planet around the Star OGLE-TR-113. <i>Astrophysical Journal</i> , 2004, 609, L37-L40.	4.5	102
52	Should Type Ia Supernova Distances Be Corrected for Their Local Environments?. <i>Astrophysical Journal</i> , 2018, 867, 108.	4.5	98
53	Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens. <i>Nature Astronomy</i> , 2018, 2, 334-342.	10.1	97
54	COSMOLOGY WITH PHOTOMETRICALLY CLASSIFIED TYPE Ia SUPERNOVAE FROM THE SDSS-II SUPERNOVA SURVEY. <i>Astrophysical Journal</i> , 2013, 763, 88.	4.5	96

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55	Observational properties of thermonuclear supernovae. <i>Nature Astronomy</i> , 2019, 3, 706-716.	10.1	92
56	The Katzman Automatic Imaging Telescope Gamma-Ray Burst Alert System, and Observations of GRB 020813. <i>Publications of the Astronomical Society of the Pacific</i> , 2003, 115, 844-853.	3.1	91
57	CEPHEID CALIBRATIONS OF MODERN TYPE Ia SUPERNOVAE: IMPLICATIONS FOR THE HUBBLE CONSTANT. <i>Astrophysical Journal, Supplement Series</i> , 2009, 183, 109-141.	7.7	89
58	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	88
59	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.	4.5	88
60	The Foundation Supernova Survey: motivation, design, implementation, and first data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 193-219.	4.4	88
61	New Data and Improved Parameters for the Extrasolar Transiting Planet OGLE-TR-56b. <i>Astrophysical Journal</i> , 2004, 609, 1071-1075.	4.5	87
62	The Early Detection and Follow-up of the Highly Obscured Type II Supernova 2016ija/DLT16am. <i>Astrophysical Journal</i> , 2018, 853, 62.	4.5	87
63	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.	8.3	86
64	Models and Simulations for the Photometric LSST Astronomical Time Series Classification Challenge (PLAsTiCC). <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 094501.	3.1	85
65	Testing Blend Scenarios for Extrasolar Transiting Planet Candidates. II. OGLE-TR-56. <i>Astrophysical Journal</i> , 2005, 619, 558-569.	4.5	83
66	Spectropolarimetry of the Peculiar Type Ia Supernova 2005hk. <i>Publications of the Astronomical Society of the Pacific</i> , 2006, 118, 722-732.	3.1	82
67	THE SDSS-II SUPERNOVA SURVEY: PARAMETERIZING THE TYPE Ia SUPERNOVA RATE AS A FUNCTION OF HOST GALAXY PROPERTIES. <i>Astrophysical Journal</i> , 2012, 755, 61.	4.5	81
68	K2 Observations of SN 2018oh Reveal a Two-component Rising Light Curve for a Type Ia Supernova. <i>Astrophysical Journal Letters</i> , 2019, 870, L1.	8.3	80
69	A Transiting Extrasolar Giant Planet around the Star OGLE-TR-10. <i>Astrophysical Journal</i> , 2005, 624, 372-377.	4.5	80
70	DEJA VU ALL OVER AGAIN: THE REAPPEARANCE OF SUPERNOVA REFSDAL. <i>Astrophysical Journal Letters</i> , 2016, 819, L8.	8.3	76
71	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.	4.5	74
72	Measuring nickel masses in Type Ia supernovae using cobalt emission in nebular phase spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3816-3842.	4.4	72

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73	Multicolor Observations of a Planetary Transit of HD 209458. <i>Astrophysical Journal</i> , 2000, 540, L45-L48.	4.5	71
74	TESTING MODELS OF INTRINSIC BRIGHTNESS VARIATIONS IN TYPE Ia SUPERNOVAE AND THEIR IMPACT ON MEASURING COSMOLOGICAL PARAMETERS. <i>Astrophysical Journal</i> , 2013, 764, 48.	4.5	67
75	ILLUMINATING A DARK LENS: A TYPE Ia SUPERNOVA MAGNIFIED BY THE FRONTIER FIELDS GALAXY CLUSTER ABELL 2744. <i>Astrophysical Journal</i> , 2015, 811, 70.	4.5	67
76	The Foundation Supernova Survey: Measuring Cosmological Parameters with Supernovae from a Single Telescope. <i>Astrophysical Journal</i> , 2019, 881, 19.	4.5	67
77	THE DISCOVERY OF THE MOST DISTANT KNOWN TYPE Ia SUPERNOVA AT REDSHIFT 1.914. <i>Astrophysical Journal</i> , 2013, 768, 166.	4.5	66
78	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> , 2013, 770, 29.	4.5	66
79	SN REFSDAL: PHOTOMETRY AND TIME DELAY MEASUREMENTS OF THE FIRST EINSTEIN CROSS SUPERNOVA. <i>Astrophysical Journal</i> , 2016, 820, 50.	4.5	65
80	POSSIBLE DETECTION OF THE STELLAR DONOR OR REMNANT FOR THE TYPE Iax SUPERNOVA 2008ha. <i>Astrophysical Journal</i> , 2014, 792, 29.	4.5	60
81	Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations. <i>Astrophysical Journal</i> , 2019, 870, 12.	4.5	60
82	High-Resolution Spectroscopic Follow-up of OGLE Planetary Transit Candidates in the Galactic Bulge: Two Possible Jupiter-Mass Planets and Two Blends. <i>Astrophysical Journal</i> , 2003, 597, 1076-1091.	4.5	59
83	Spectroscopy of High-Redshift Supernovae from the ESSENCE Project: The First 2 Years. <i>Astronomical Journal</i> , 2005, 129, 2352-2375.	4.7	58
84	Constraining Cosmic Evolution of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2008, 684, 68-87.	4.5	58
85	Extraordinary Late-Time Infrared Emission of Type IIn Supernovae. <i>Astrophysical Journal</i> , 2002, 575, 1007-1017.	4.5	57
86	THE SUBLUMINOUS SUPERNOVA 2007qd: A MISSING LINK IN A FAMILY OF LOW-LUMINOSITY TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2010, 720, 704-716.	4.5	57
87	The BUFFALO HST Survey. <i>Astrophysical Journal</i> , Supplement Series, 2020, 247, 64.	7.7	57
88	HUBBLE SPACE TELESCOPE AND GROUND-BASED OBSERVATIONS OF THE TYPE Iax SUPERNOVAE SN 2005hk AND SN 2008A. <i>Astrophysical Journal</i> , 2014, 786, 134.	4.5	56
89	Time Dilation in Type Ia Supernova Spectra at High Redshift. <i>Astrophysical Journal</i> , 2008, 682, 724-736.	4.5	55
90	Late-time spectroscopy of Type Iax Supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 433-457.	4.4	52

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91	Type Iax Supernovae. , 2017, , 375-401.		52
92	Luminosity Indicators in the Ultraviolet Spectra of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2008, 686, 117-126.	4.5	50
93	Nebular Spectroscopy of the "Blue Bump" Type Ia Supernova 2017cbv. <i>Astrophysical Journal</i> , 2018, 863, 24.	4.5	50
94	EVIDENCE FOR TYPE Ia SUPERNOVA DIVERSITY FROM ULTRAVIOLET OBSERVATIONS WITH THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2012, 749, 126.	4.5	49
95	ASASSN-18tb: a most unusual Type Ia supernova observed by TESS and SALT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2372-2384.	4.4	49
96	The Progenitor and Early Evolution of the Type IIb SN 2016gkg. <i>Astrophysical Journal Letters</i> , 2017, 836, L12.	8.3	49
97	THREE GRAVITATIONALLY LENSED SUPERNOVAE BEHIND CLASH GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 786, 9.	4.5	45
98	A TYPE Ia SUPERNOVA AT REDSHIFT 1.55 IN HUBBLE SPACE TELESCOPE INFRARED OBSERVATIONS FROM CANDELS. <i>Astrophysical Journal</i> , 2012, 746, 5.	4.5	44
99	TYPE Ia SUPERNOVA PROPERTIES AS A FUNCTION OF THE DISTANCE TO THE HOST GALAXY IN THE SDSS-II SN SURVEY. <i>Astrophysical Journal</i> , 2012, 755, 125.	4.5	41
100	SN REFSDAL: CLASSIFICATION AS A LUMINOUS AND BLUE SN 1987A-LIKE TYPE II SUPERNOVA. <i>Astrophysical Journal</i> , 2016, 831, 205.	4.5	40
101	SALT3: An Improved Type Ia Supernova Model for Measuring Cosmic Distances. <i>Astrophysical Journal</i> , 2021, 923, 265.	4.5	40
102	SPECTROSCOPY OF HIGH-REDSHIFT SUPERNOVAE FROM THE ESSENCE PROJECT: THE FIRST FOUR YEARS. <i>Astronomical Journal</i> , 2009, 137, 3731-3742.	4.7	39
103	A MISMATCH IN THE ULTRAVIOLET SPECTRA BETWEEN LOW-REDSHIFT AND INTERMEDIATE-REDSHIFT TYPE Ia SUPERNOVAE AS A POSSIBLE SYSTEMATIC UNCERTAINTY FOR SUPERNOVA COSMOLOGY. <i>Astronomical Journal</i> , 2012, 143, 113.	4.7	39
104	CLASH: accurate photometric redshifts with 14 HST bands in massive galaxy cluster cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 95-113.	4.4	39
105	ON THE PROGENITOR SYSTEM OF THE TYPE Iax SUPERNOVA 2014dt IN M61. <i>Astrophysical Journal Letters</i> , 2015, 798, L37.	8.3	37
106	Two peculiar fast transients in a strongly lensed host galaxy. <i>Nature Astronomy</i> , 2018, 2, 324-333.	10.1	36
107	Evidence for a Chandrasekhar-mass explosion in the Ca-strong 1991bg-like type Ia supernova 2016hmk. <i>Astronomy and Astrophysics</i> , 2019, 630, A76.	5.1	35
108	The LSST DESC DC2 Simulated Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 31.	7.7	32

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109	The Young and Nearby Normal Type Ia Supernova 2018gv: UV-optical Observations and the Earliest Spectropolarimetry. <i>Astrophysical Journal</i> , 2020, 902, 46.	4.5	32
110	Extending Supernova Spectral Templates for Next-generation Space Telescope Observations. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114504.	3.1	29
111	SWEETSPOT: NEAR-INFRARED OBSERVATIONS OF 13 TYPE Ia SUPERNOVAE FROM A NEW NOAO SURVEY PROBING THE NEARBY SMOOTH HUBBLE FLOW. <i>Astrophysical Journal</i> , 2014, 784, 105.	4.5	27
112	SDSS-II SUPERNOVA SURVEY: AN ANALYSIS OF THE LARGEST SAMPLE OF TYPE IA SUPERNOVAE AND CORRELATIONS WITH HOST-GALAXY SPECTRAL PROPERTIES. <i>Astrophysical Journal</i> , 2016, 821, 115.	4.5	24
113	Astronomical Distance Determination in the Space Age. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	24
114	Red and Reddened: Ultraviolet through Near-infrared Observations of Type Ia Supernova 2017erp*. <i>Astrophysical Journal</i> , 2019, 877, 152.	4.5	22
115	The Early Discovery of SN 2017ahn: Signatures of Persistent Interaction in a Fast-declining Type II Supernova. <i>Astrophysical Journal</i> , 2021, 907, 52.	4.5	22
116	Nebular H β Limits for Fast Declining SNe Ia. <i>Astrophysical Journal Letters</i> , 2019, 877, L4.	8.3	21
117	LIGHT CURVES OF 213 TYPE Ia SUPERNOVAE FROM THE ESSENCE SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 3.	7.7	20
118	Detection of circumstellar helium in Type Ia progenitor systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2538-2577.	4.4	20
119	Ca hnk: The Calcium-rich Transient Supernova 2016hnk from a Helium Shell Detonation of a Sub-Chandrasekhar White Dwarf. <i>Astrophysical Journal</i> , 2020, 896, 165.	4.5	19
120	Constraining the Progenitor System of the Type Ia Supernova 2021aefx. <i>Astrophysical Journal Letters</i> , 2022, 933, L45.	8.3	18
121	Progenitor and close-in circumstellar medium of type II supernova 2020fqv from high-cadence photometry and ultra-rapid UV spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2777-2797.	4.4	17
122	Still Brighter than Pre-explosion, SN 2012Z Did Not Disappear: Comparing Hubble Space Telescope Observations a Decade Apart. <i>Astrophysical Journal</i> , 2022, 925, 138.	4.5	17
123	Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068. <i>Astrophysical Journal</i> , 2020, 895, 31.	4.5	14
124	SN 2019muj â€“ a well-observed Type Ia supernova that bridges the luminosity gap of the class. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1078-1099.	4.4	14
125	The Photometric LSST Astronomical Time-series Classification Challenge PLAsTiCC: Selection of a Performance Metric for Classification Probabilities Balancing Diverse Science Goals. <i>Astronomical Journal</i> , 2019, 158, 171.	4.7	13
126	PS15cey and PS17cke: prospective candidates from the Pan-STARRS Search for kilonovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 4213-4228.	4.4	13

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127	The Impact of Observing Strategy on Cosmological Constraints with LSST. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 58.	7.7	13
128	Constraining Type Ia supernova progenitor systems with stellar population age dating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 986-1002.	4.4	12
129	Supernova 2018cuf: A Type IIP Supernova with a Slow Fall from Plateau. <i>Astrophysical Journal</i> , 2020, 906, 56.	4.5	12
130	The Rapid X-Ray and UV Evolution of ASASSN-14ko. <i>Astrophysical Journal</i> , 2022, 926, 142.	4.5	12
131	The First Data Release from SweetSpot: 74 Supernovae in 36 Nights on WIYN+WHIRC. <i>Astronomical Journal</i> , 2018, 155, 201.	4.7	11
132	SN 2018agk: A Prototypical Type Ia Supernova with a Smooth Power-law Rise in Kepler (K2). <i>Astrophysical Journal</i> , 2021, 923, 167.	4.5	10
133	Nebular-phase spectra of Type Ia supernovae from the Las Cumbres Observatory Global Supernova Project. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3682-3707.	4.4	8
134	SN2017jgh: a high-cadence complete shock cooling light curve of a SN Iib with the Kepler telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3125-3138.	4.4	7
135	The Foundation Supernova Survey: Photospheric Velocity Correlations in Type Ia Supernovae. <i>Astrophysical Journal</i> , 2021, 923, 267.	4.5	7
136	MUSSES2020J: The Earliest Discovery of a Fast Blue Ultraluminous Transient at Redshift 1.063. <i>Astrophysical Journal Letters</i> , 2022, 933, L36.	8.3	7
137	Unconventional origin of supersoft X-ray emission from a white dwarf binary. <i>Nature Astronomy</i> , 2019, 3, 173-177.	10.1	4
138	AT 2019qyl in NGC 300: Internal Collisions in the Early Outflow from a Very Fast Nova in a Symbiotic Binary*. <i>Astrophysical Journal</i> , 2021, 920, 127.	4.5	4
139	Type Ia Supernovae. , 2017, , 1-27.		3
140	The Membership of Upsilon Cen One. <i>Open Astronomy</i> , 1997, 6, .	0.6	2
141	Type Ia Supernovae. , 2017, , 1-27.		1
142	The Hierarchical Triple System HD 109648. <i>Open Astronomy</i> , 1997, 6, .	0.6	0
143	OGLE-TR-56. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	0
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