

# Christopher W Stubbs

## List of Publications by Year in descending order

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233  
papers

49,816  
citations

5558

82  
h-index

1928

207  
g-index

235  
all docs

235  
docs citations

235  
times ranked

18079  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Observing Strategy on Cosmological Constraints with LSST. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 58.	3.0	13
2	Strobed imaging as a method for the determination and diagnosis of local seeing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3936-3942.	1.6	0
3	The LSST DESC DC2 Simulated Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 31.	3.0	32
4	Active Optical Control with Machine Learning: A Proof of Concept for the Vera C. Rubin Observatory. <i>Astronomical Journal</i> , 2021, 161, 216.	1.9	4
5	Windowing artefacts likely account for recent claimed detection of oscillating cosmic scale factor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5512-5516.	1.6	1
6	The Pan-STARRS Data-processing System. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 3.	3.0	68
7	Pan-STARRS Photometric and Astrometric Calibration. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 6.	3.0	138
8	Pan-STARRS Pixel Analysis: Source Detection and Characterization. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 5.	3.0	65
9	Initial assessment of monocrystalline silicon solar cells as large-area sensors for precise flux calibration. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2020, 6, 1.	1.0	0
10	Vera C. Rubin Observatory auxiliary telescope commissioning as a control system pathfinder. , 2020, , .		0
11	Detector Count Rate Nonlinearity Determination Using Signal Intermodulation. <i>Research Notes of the AAS</i> , 2020, 4, 178.	0.3	0
12	ALTSched: Improved Scheduling for Time-domain Science with LSST. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 115002.	1.0	4
13	Subpercent Photometry: Faint DA White Dwarf Spectrophotometric Standards for Astrophysical Observatories. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 20.	3.0	26
14	Cluster Cosmology Constraints from the 2500 deg <sup>2</sup> 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
15	Photometry and Spectroscopy of Faint Candidate Spectrophotometric Standard DA White Dwarfs. <i>Astrophysical Journal</i> , 2019, 872, 199.	1.6	8
16	Constraining Temporal Oscillations of Cosmological Parameters Using SNe Ia. <i>Astrophysical Journal</i> , 2019, 875, 34.	1.6	7
17	Observational Implications of Lowering the LIGO-Virgo Alert Threshold. <i>Astrophysical Journal Letters</i> , 2018, 861, L24.	3.0	7
18	Testing of the LSST's photometric calibration strategy at the CTIO 0.9 meter telescope. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 485-485.	0.0	0

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19	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
20	Testing of the LSST's photometric calibration strategy at the CTIO 0.9 meter telescope. , 2018, , .		3
21	Testing for X-Ray SZ Differences and Redshift Evolution in the X-Ray Morphology of Galaxy Clusters. <i>Astrophysical Journal</i> , 2017, 841, 5.	1.6	34
22	Velocity Segregation and Systematic Biases in Velocity Dispersion Estimates with the SPT-GMOS Spectroscopic Survey. <i>Astrophysical Journal</i> , 2017, 837, 88.	1.6	17
23	Toward Rapid Transient Identification and Characterization of Kilonovae. <i>Astrophysical Journal</i> , 2017, 849, 12.	1.6	33
24	Observations of the GRB Afterglow ATLAS17aeu and Its Possible Association with GW 170104. <i>Astrophysical Journal</i> , 2017, 850, 149.	1.6	38
25	Spectral discrimination in color blind animals via chromatic aberration and pupil shape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8206-8211.	3.3	63
26	COSMOLOGICAL CONSTRAINTS FROM GALAXY CLUSTERS IN THE 2500 SQUARE-DEGREE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2016, 832, 95.	1.6	179
27	SPT-GMOS: A GEMINI/GMOS-SOUTH SPECTROSCOPIC SURVEY OF GALAXY CLUSTERS IN THE SPT-SZ SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 3.	3.0	36
28	A collimated beam projector for precise telescope calibration. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
29	Maximizing the probability of detecting an electromagnetic counterpart of gravitational-wave events. <i>Experimental Astronomy</i> , 2016, 42, 165-178.	1.6	16
30	Reply to Gagnon et al.: All color vision is more difficult in turbid water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6910-E6910.	3.3	6
31	Feature-based telescope scheduler. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
32	HYPERCALIBRATION: A PAN-STARRS1-BASED RECALIBRATION OF THE SLOAN DIGITAL SKY SURVEY PHOTOMETRY. <i>Astrophysical Journal</i> , 2016, 822, 66.	1.6	91
33	A daytime measurement of the lunar contribution to the night sky brightness in LSST's ugriyz bandsâ€“initial results. <i>Experimental Astronomy</i> , 2016, 41, 393-408.	1.6	3
34	An optical to IR sky brightness model for the LSST. <i>Proceedings of SPIE</i> , 2016, , .	0.8	13
35	High fidelity point-spread function retrieval in the presence of electrostatic, hysteretic pixel response. , 2016, , .		2
36	The LSST calibration hardware system design and development. , 2016, , .		4

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37	Precise astronomical flux calibration and its impact on studying the nature of the dark energy. <i>Modern Physics Letters A</i> , 2015, 30, 1530030.	0.5	14
38	Optical confirmation and redshift estimation of the Planck cluster candidates overlapping the Pan-STARRS Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3370-3380.	1.6	27
39	GALAXY CLUSTERS DISCOVERED VIA THE SLINYAEV-ZEL'DOVICH EFFECT IN THE 2500-SQUARE-DEGREE SPT-SZ SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2015, 216, 27.	3.0	464
40	Real-time earthquake warning for astronomical observatories. <i>Experimental Astronomy</i> , 2015, 39, 387-404.	1.6	3
41	<i>GALEX</i> DETECTION OF SHOCK BREAKOUT IN TYPE IIP SUPERNOVA PS1-13arp: IMPLICATIONS FOR THE PROGENITOR STAR WIND. <i>Astrophysical Journal</i> , 2015, 804, 28.	1.6	46
42	Comparison of MODTRAN5 atmospheric extinction predictions with narrowband astronomical flux observations. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
43	DISCOVERY OF EIGHT <i>z</i> <math>\hat{=} 6</math> QUASARS FROM Pan-STARRS1. <i>Astronomical Journal</i> , 2014, 148, 14.	1.9	126
44	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
45	The superluminous supernova PS1-11ap: bridging the gap between low and high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 656-674.	1.6	64
46	SPT-CL J2040â€“4451: AN SZ-SELECTED GALAXY CLUSTER AT <i>z</i> = 1.478 WITH SIGNIFICANT ONGOING STAR FORMATION. <i>Astrophysical Journal</i> , 2014, 794, 12.	1.6	42
47	OPTICAL SPECTROSCOPY AND VELOCITY DISPERSIONS OF GALAXY CLUSTERS FROM THE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2014, 792, 45.	1.6	103
48	ALL-WEATHER CALIBRATION OF WIDE-FIELD OPTICAL AND NIR SURVEYS. <i>Astronomical Journal</i> , 2014, 147, 19.	1.9	10
49	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
50	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
51	A MAP OF DUST REDDENING TO 4.5 kpc FROM Pan-STARRS1. <i>Astrophysical Journal</i> , 2014, 789, 15.	1.6	85
52	A framework for modeling the detailed optical response of thick, multiple segment, large format sensors for precision astronomy applications. <i>Proceedings of SPIE</i> , 2014, , .	0.8	7
53	PISCO: the Parallel Imager for Southern Cosmology Observations. <i>Proceedings of SPIE</i> , 2014, , .	0.8	16
54	Precision astronomy with imperfect fully depleted CCDs â€” an introduction and a suggested lexicon. <i>Journal of Instrumentation</i> , 2014, 9, C03032-C03032.	0.5	24

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55	Slowly fading super-luminous supernovae that are not pair-instability explosions. <i>Nature</i> , 2013, 502, 346-349.	13.7	226
56	WISE J233237.05â€“505643.5: A DOUBLE-PEAKED, BROAD-LINED ACTIVE GALACTIC NUCLEUS WITH A SPIRAL-SHAPED RADIO MORPHOLOGY. <i>Astrophysical Journal</i> , 2013, 779, 41.	1.6	11
57	A SEARCH FOR FAST OPTICAL TRANSIENTS IN THE Pan-STARRS1 MEDIUM-DEEP SURVEY: M-DWARF FLARES, ASTEROIDS, LIMITS ON EXTRAGALACTIC RATES, AND IMPLICATIONS FOR LSST. <i>Astrophysical Journal</i> , 2013, 779, 18.	1.6	42
58	THE PAN-STARRS 1 PHOTOMETRIC REFERENCE LADDER, RELEASE 12.01. <i>Astrophysical Journal, Supplement Series</i> , 2013, 205, 20.	3.0	270
59	A ROBUST QUANTIFICATION OF GALAXY CLUSTER MORPHOLOGY USING ASYMMETRY AND CENTRAL CONCENTRATION. <i>Astrophysical Journal</i> , 2013, 779, 112.	1.6	36
60	PS1-10bjz: A FAST, HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA IN A METAL-POOR HOST GALAXY. <i>Astrophysical Journal</i> , 2013, 771, 97.	1.6	79
61	PS1-10afx AT $z = 1.388$ : PAN-STARRS1 DISCOVERY OF A NEW TYPE OF SUPERLUMINOUS SUPERNOVA. <i>Astrophysical Journal</i> , 2013, 767, 162.	1.6	56
62	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
63	SPT-CL J0205â€“5829: A $z = 1.32$ EVOLVED MASSIVE GALAXY CLUSTER IN THE SOUTH POLE TELESCOPE SUNYAEV-ZEL'DOVICH EFFECT SURVEY. <i>Astrophysical Journal</i> , 2013, 763, 93.	1.6	54
64	COSMOLOGICAL CONSTRAINTS FROM SUNYAEV-ZEL'DOVICH-SELECTED CLUSTERS WITH X-RAY OBSERVATIONS IN THE FIRST $178^{\circ}2'$ OF THE SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2013, 763, 147.	1.6	206
65	APOLLO: millimeter lunar laser ranging. <i>Classical and Quantum Gravity</i> , 2012, 29, 184005.	1.5	64
66	PAndromedaâ€™ FIRST RESULTS FROM THE HIGH-CADENCE MONITORING OF M31 WITH Pan-STARRS 1. <i>Astronomical Journal</i> , 2012, 143, 89.	1.9	34
67	HIGH-REDSHIFT COOL-CORE GALAXY CLUSTERS DETECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2012, 761, 183.	1.6	29
68	THE PHOTOMETRIC CLASSIFICATION SERVER FOR Pan-STARRS1. <i>Astrophysical Journal</i> , 2012, 746, 128.	1.6	31
69	A massive, cooling-flow-induced starburst in the core of a luminous cluster of galaxies. <i>Nature</i> , 2012, 488, 349-352.	13.7	154
70	SN 2010ay IS A LUMINOUS AND BROAD-LINED TYPE Ic SUPERNOVA WITHIN A LOW-METALLICITY HOST GALAXY. <i>Astrophysical Journal</i> , 2012, 756, 184.	1.6	42
71	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
72	WEAK-LENSING MASS MEASUREMENTS OF FIVE GALAXY CLUSTERS IN THE SOUTH POLE TELESCOPE SURVEY USING MAGELLAN/MEGACAM. <i>Astrophysical Journal</i> , 2012, 758, 68.	1.6	42

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73	PHOTOMETRIC CALIBRATION OF THE FIRST 1.5 YEARS OF THE PAN-STARRS1 SURVEY. <i>Astrophysical Journal</i> , 2012, 756, 158.	1.6	311
74	THE Pan-STARRS1 PHOTOMETRIC SYSTEM. <i>Astrophysical Journal</i> , 2012, 750, 99.	1.6	729
75	DISPLAYING THE HETEROGENEITY OF THE SN 2002cx-LIKE SUBCLASS OF TYPE Ia SUPERNOVAE WITH OBSERVATIONS OF THE Pan-STARRS-1 DISCOVERED SN 2009ku. <i>Astrophysical Journal Letters</i> , 2011, 731, L11.	3.0	52
76	SOUTH POLE TELESCOPE DETECTIONS OF THE PREVIOUSLY UNCONFIRMED <i>PLANCK</i> EARLY SUNYAEV-ZEL'DOVICH CLUSTERS IN THE SOUTHERN HEMISPHERE. <i>Astrophysical Journal Letters</i> , 2011, 735, L36.	3.0	28
77	PUSHING THE BOUNDARIES OF CONVENTIONAL CORE-COLLAPSE SUPERNOVAE: THE EXTREMELY ENERGETIC SUPERNOVA SN 2003ma. <i>Astrophysical Journal</i> , 2011, 729, 88.	1.6	70
78	Pan-STARRS1 DISCOVERY OF TWO ULTRALUMINOUS SUPERNOVAE AT $z \approx 0.9$ . <i>Astrophysical Journal</i> , 2011, 743, 114.	1.6	168
79	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
80	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
81	A SUNYAEV-ZEL'DOVICH-SELECTED SAMPLE OF THE MOST MASSIVE GALAXY CLUSTERS IN THE 2500 $\text{deg}^2$ SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2011, 738, 139.	1.6	213
82	Laser ranging to the lost Lunokhod 1 reflector. <i>Icarus</i> , 2011, 211, 1103-1108.	1.1	69
83	Calibration of the LSST instrumental and atmospheric photometric passbands. <i>Proceedings of SPIE</i> , 2010, , .	0.8	5
84	Spectroradiometric calibration of telescopes using laser illumination of flat field screens. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
85	Calibration dome screen for the Large Synoptic Survey Telescope. , 2010, , .		0
86	<i>GALEX</i> AND PAN-STARRS1 DISCOVERY OF SN IIP 2010aq: THE FIRST FEW DAYS AFTER SHOCK BREAKOUT IN A RED SUPERGIANT STAR. <i>Astrophysical Journal Letters</i> , 2010, 720, L77-L81.	3.0	39
87	SPT-CL J0546-5345: A MASSIVE $z \approx 1$ 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
88	OPTICAL REDSHIFT AND RICHNESS ESTIMATES FOR GALAXY CLUSTERS SELECTED WITH THE SUNYAEV-Zel'dovich EFFECT FROM 2008 SOUTH POLE TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2010, 723, 1736-1747.	1.6	59
89	ULTRA-BRIGHT OPTICAL TRANSIENTS ARE LINKED WITH TYPE Ic SUPERNOVAE. <i>Astrophysical Journal Letters</i> , 2010, 724, L16-L21.	3.0	217
90	SUPERNOVA 2009kf: AN ULTRAVIOLET BRIGHT TYPE IIP SUPERNOVA DISCOVERED WITH PAN-STARRS 1 AND <i>GALEX</i> . <i>Astrophysical Journal Letters</i> , 2010, 717, L52-L56.	3.0	51

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91	Long-term degradation of optical devices on the Moon. <i>Icarus</i> , 2010, 208, 31-35.	1.1	68
92	PRECISION DETERMINATION OF ATMOSPHERIC EXTINCTION AT OPTICAL AND NEAR-INFRARED WAVELENGTHS. <i>Astrophysical Journal</i> , 2010, 720, 811-823.	1.6	33
93	Ground-based observatory operations optimized and enhanced by direct atmospheric measurements. , 2010, , .		5
94	PRECISE THROUGHPUT DETERMINATION OF THE PanSTARRS TELESCOPE AND THE GIGAPIXEL IMAGER USING A CALIBRATED SILICON PHOTODIODE AND A TUNABLE LASER: INITIAL RESULTS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 191, 376-388.	3.0	105
95	Space-based photometric precision from ground-based telescopes. <i>Proceedings of SPIE</i> , 2010, , .	0.8	3
96	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
97	Sky Variability in the <i>y</i> Band at the LSST Site. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 722-730.	1.0	10
98	OPTICAL CROSS-CORRELATION FILTERS: AN ECONOMICAL APPROACH FOR IDENTIFYING SNe Ia AND ESTIMATING THEIR REDSHIFTS. <i>Astrophysical Journal</i> , 2009, 706, 94-107.	1.6	7
99	CfA3: 185 TYPE Ia SUPERNOVA LIGHT CURVES FROM THE CfA. <i>Astrophysical Journal</i> , 2009, 700, 331-357.	1.6	388
100	SPECTROSCOPY OF HIGH-REDSHIFT SUPERNOVAE FROM THE ESSENCE PROJECT: THE FIRST FOUR YEARS. <i>Astronomical Journal</i> , 2009, 137, 3731-3742.	1.9	39
101	STELLAR LOCUS REGRESSION: ACCURATE COLOR CALIBRATION AND THE REAL-TIME DETERMINATION OF GALAXY CLUSTER PHOTOMETRIC REDSHIFTS. <i>Astronomical Journal</i> , 2009, 138, 110-129.	1.9	100
102	Equivalence principle implications of modified gravity models. <i>Physical Review D</i> , 2009, 80, .	1.6	165
103	The Apache Point Observatory Lunar Laser-ranging Operation (APOLLO): Two Years of Millimeter-Precision Measurements of the Earth-Moon Range <sup>1</sup> . <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 29-40.	1.0	40
104	A proposed global atmospheric monitoring network based on standard stars. , 2009, , .		0
105	ADDRESSING THE CRISIS IN FUNDAMENTAL PHYSICS. , 2009, , 71-76.		0
106	The Apache Point Observatory Lunar Laser-ranging Operation: Instrument Description and First Detections. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 20-37.	1.0	85
107	Solar system constraints on the Dvali-Gabadadze-Porrati braneworld theory of gravity. <i>Physical Review D</i> , 2008, 78, .	1.6	14
108	Linking optical and infrared observations with gravitational wave sources through transient variability. <i>Classical and Quantum Gravity</i> , 2008, 25, 184033.	1.5	25

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109	Time Dilation in Type Ia Supernova Spectra at High Redshift. <i>Astrophysical Journal</i> , 2008, 682, 724-736.	1.6	55
110	Constraining Cosmic Evolution of Type Ia Supernovae. <i>Astrophysical Journal</i> , 2008, 684, 68-87.	1.6	58
111	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
112	Evidence for Distinct Components of the Galactic Stellar Halo from 838 RR Lyrae Stars Discovered in the LONEOS Survey. <i>Astrophysical Journal</i> , 2008, 678, 865-887.	1.6	87
113	Exploring the Outer Solar System with the ESSENCE Supernova Survey. <i>Astrophysical Journal</i> , 2008, 682, L53-L56.	1.6	13
114	APOLLO: A NEW PUSH IN LUNAR LASER RANGING. <i>International Journal of Modern Physics D</i> , 2007, 16, 2127-2135.	0.9	20
115	Testing for Lorentz Violation: Constraints on Standard-Model-Extension Parameters via Lunar Laser Ranging. <i>Physical Review Letters</i> , 2007, 99, 241103.	2.9	126
116	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
117	The ESSENCE Supernova Survey: Survey Optimization, Observations, and Supernova Photometry. <i>Astrophysical Journal</i> , 2007, 666, 674-693.	1.6	289
118	Scrutinizing Exotic Cosmological Models Using ESSENCE Supernova Data Combined with Other Cosmological Probes. <i>Astrophysical Journal</i> , 2007, 666, 716-725.	1.6	497
119	ADDRESSING THE CRISIS IN FUNDAMENTAL PHYSICS. <i>International Journal of Modern Physics D</i> , 2007, 16, 1947-1952.	0.9	0
120	Light Curves of Type Ia Supernovae from Near the Time of Explosion. <i>Astronomical Journal</i> , 2007, 133, 403-419.	1.9	48
121	Toward More Precise Survey Photometry for PanSTARRS and LSST: Measuring Directly the Optical Transmission Spectrum of the Atmosphere. <i>Publications of the Astronomical Society of the Pacific</i> , 2007, 119, 1163-1178.	1.0	49
122	Photometry of the Type Ia Supernovae 1999cc, 1999cl, and 2000cf. <i>Astronomical Journal</i> , 2006, 131, 1639-1647.	1.9	64
123	Calibrations of LSST camera and telescope systems. , 2006, , .		1
124	Light echoes of SNe in the LMC. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 313-313.	0.0	1
125	Toward 1% Photometry: End-to-End Calibration of Astronomical Telescopes and Detectors. <i>Astrophysical Journal</i> , 2006, 646, 1436-1444.	1.6	74
126	Optical and Near-Infrared Observations of the Peculiar Type Ia Supernova 1999ac. <i>Astronomical Journal</i> , 2006, 131, 2615-2627.	1.9	27



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127	Hubble Space Telescope and Ground-based Observations of Type Ia Supernovae at Redshift 0.5: Cosmological Implications. <i>Astrophysical Journal</i> , 2006, 642, 1-21.	1.6	170
128	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
129	Galactic Bulge Microlensing Events from the MACHO Collaboration. <i>Astrophysical Journal</i> , 2005, 631, 906-934.	1.6	24
130	Spectroscopy of High-Redshift Supernovae from the ESSENCE Project: The First 2 Years. <i>Astronomical Journal</i> , 2005, 129, 2352-2375.	1.9	58
131	Hubble Space Telescope Observations of Nine High-Redshift ESSENCE Supernovae. <i>Astronomical Journal</i> , 2005, 130, 2453-2472.	1.9	38
132	Microlensing Optical Depth toward the Galactic Bulge Using Clump Giants from the MACHO Survey. <i>Astrophysical Journal</i> , 2005, 631, 879-905.	1.6	114
133	Light echoes from ancient supernovae in the Large Magellanic Cloud. <i>Nature</i> , 2005, 438, 1132-1134.	13.7	128
134	Testing LMC Microlensing Scenarios: The Discrimination Power of the SuperMACHO Microlensing Survey. <i>Astrophysical Journal</i> , 2005, 634, 1103-1115.	1.6	160
135	Twenty-three High-Redshift Supernovae from the Institute for Astronomy Deep Survey: Doubling the Supernova Sample at $z > 0.7$ . <i>Astrophysical Journal</i> , 2004, 602, 571-594.	1.6	387
136	A Strategy for Finding Near-Earth Objects with the SDSS Telescope. <i>Astronomical Journal</i> , 2004, 127, 2978-2987.	1.9	11
137	The SuperMACHO Microlensing Survey. <i>Proceedings of the International Astronomical Union</i> , 2004, 2004, 357-362.	0.0	1
138	Cosmological Results from High-Redshift Supernovae. <i>Astrophysical Journal</i> , 2003, 594, 1-24.	1.6	1,472
139	Visible Imaging Fourier Transform Spectrometer: Design and Calibration. , 2003, , .		4
140	The Galactic Exoplanet Survey Telescope (GEST). , 2003, , .		8
141	Imaging and Demography of the Host Galaxies of High-Redshift Type Ia Supernovae. <i>Astronomical Journal</i> , 2003, 126, 2608-2621.	1.9	16
142	Gallery of datacubes obtained with the Livermore imaging Fourier transform spectrometer. , 2003, , .		3
143	Variability-selected Quasars in MACHO Project Magellanic Cloud Fields. <i>Astronomical Journal</i> , 2003, 125, 1-12.	1.9	82
144	The MACHO Project Large Magellanic Cloud Variable Star Inventory. XI. Frequency Analysis of the Fundamental-Mode RR Lyrae Stars. <i>Astrophysical Journal</i> , 2003, 598, 597-609.	1.6	92

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