Nicholas Kaiser

List of Publications by Year
in descending order

140 papers	16,126 citations	22153 59 h-index	16650 123 g-index
140 all docs	140 docs citations	140 times ranked	10788 citing authors

#	Article	IF	Citations
1	The Pan-STARRS Data-processing System. Astrophysical Journal, Supplement Series, 2020, 251, 3.	7.7	68
2	Pan-STARRS Photometric and Astrometric Calibration. Astrophysical Journal, Supplement Series, 2020, 251, 6.	7.7	138
3	Pan-STARRS Pixel Processing: Detrending, Warping, Stacking. Astrophysical Journal, Supplement Series, 2020, 251, 4.	7.7	77
4	Pan-STARRS Pixel Analysis: Source Detection and Characterization. Astrophysical Journal, Supplement Series, 2020, 251, 5.	7.7	65
5	The Pan-STARRS1 Database and Data Products. Astrophysical Journal, Supplement Series, 2020, 251, 7.	7.7	348
6	Searching for Highly Magnified Stars at Cosmological Distances: Discovery of a Redshift 0.94 Blue Supergiant in Archival Images of the Galaxy Cluster MACS J0416.1-2403. Astrophysical Journal, 2019, 881, 8.	4.5	37
7	Changing-look Quasar Candidates: First Results from Follow-up Spectroscopy of Highly Optically Variable Quasars. Astrophysical Journal, 2019, 874, 8.	4.5	106
8	PS1-13cbe: the rapid transition of a Seyfert 2 to a Seyfert 1. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4057-4070.	4.4	7
9	The Sloan Digital Sky Survey Reverberation Mapping Project: Sample Characterization. Astrophysical Journal, Supplement Series, 2019, 241, 34.	7.7	102
10	The white dwarf luminosity functions from the Panâ€“STARRS 1 3Ï€ Steradian Survey. Monthly Notices of the Royal Astronomical Society, 2019, 482, 715-731.	4.4	11
11	A Dwarf Planet Class Object in the 21:5 Resonance with Neptune. Astrophysical Journal Letters, 2018, 855, L6.	8.3	17
12	Measuring Dark Energy Properties with Photometrically Classified Pan-STARRS Supernovae. II. Cosmological Parameters. Astrophysical Journal, 2018, 857, 51.	4.5	116
13	Understanding caustic crossings in giant arcs: Characteristic scales, event rates, and constraints on compact dark matter. Physical Review D, 2018, 97, .	4.7	121
14	The Time-domain Spectroscopic Survey: Target Selection for Repeat Spectroscopy. Astronomical Journal, 2018, 155, 6.	4.7	20
15	Photometry and Proper Motions of M, L, and T Dwarfs from the Pan-STARRS1 3 Ï€ Survey. Astrophysical Journal, Supplement Series, 2018, 234, 1.	7.7	86
16	Extreme magnification of an individual star at redshift 1.5 by a galaxy-cluster lens. Nature Astronomy, 2018, 2, 334-342.	10.1	97
17	A Color-locus Method for Mapping R_V Using Ensembles of Stars. Astrophysical Journal, 2018, 854, 79.	4.5	2
18	Color Variabilities of Spectrally Defined Red QSOs at zÂ=Â0.3â€“1.2. Astrophysical Journal, 2018, 855, 66.	4.5	0

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19	The Pan-STARRS1 Proper-motion Survey for Young Brown Dwarfs in Nearby Star-forming Regions. I. Taurus Discoveries and a Reddening-free Classification Method for Ultracool Dwarfs. Astrophysical Journal, 2018, 858, 41.	4.5	34
20	Cepheids in M31: The PAndromeda Cepheid Sample. Astronomical Journal, 2018, 156, 130.	4.7	15
21	A Luminous Transient Event in a Sample of WISE-selected Variable AGNs. Astrophysical Journal, 2018, 866, 26.	4.5	21
22	The Profile of the Galactic Halo from Pan-STARRS1 3Ï€ RR Lyrae. Astrophysical Journal, 2018, 859, 31.	4.5	33
23	Dark Matter under the Microscope: Constraining Compact Dark Matter with Caustic Crossing Events. Astrophysical Journal, 2018, 857, 25.	4.5	75
24	Galactic reddening in 3D from stellar photometry â€“ an improved map. Monthly Notices of the Royal Astronomical Society, 2018, 478, 651-666.	4.4	337
25	Hydrogen-poor Superluminous Supernovae from the Pan-STARRS1 Medium Deep Survey. Astrophysical Journal, 2018, 852, 81.	4.5	88
26	The Complete Light-curve Sample of Spectroscopically Confirmed SNe Ia from Pan-STARRS1 and Cosmological Constraints from the Combined Pantheon Sample. Astrophysical Journal, 2018, 859, 101.	4.5	1,694
27	Machine-learned Identification of RR Lyrae Stars from Sparse, Multi-band Data: The PS1 Sample. Astronomical Journal, 2017, 153, 204.	4.7	112
28	The Pan-STARRS1 Medium-deep Survey: Star Formation Quenching in Group and Cluster Environments. Astrophysical Journal, 2017, 845, 74.	4.5	15
29	A Search for L/T Transition Dwarfs with Pan-STARRS1 and WISE. III. Young L Dwarf Discoveries and Proper Motion Catalogs in Taurus and Scorpiusâ€“Centaurus. Astrophysical Journal, 2017, 837, 95.	4.5	27
30	The Geometry of the Sagittarius Stream from Pan-STARRS1 3Ï€ RR Lyrae. Astrophysical Journal, 2017, 850, 96.	4.5	48
31	A population of highly energetic transient events in the centres of active galaxies. Nature Astronomy, 2017, 1, 865-871.	10.1	53
32	Measuring the Properties of Dark Energy with Photometrically Classified Pan-STARRS Supernovae. I. Systematic Uncertainty from Core-collapse Supernova Contamination. Astrophysical Journal, 2017, 843, 6.	4.5	47
33	Gravitational redshift and asymmetric redshift-space distortions for stacked clusters. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1981-1993.	4.4	20
34	Physical Properties of 15 Quasars at zÂâ‰³Â6.5. Astrophysical Journal, 2017, 849, 91.	4.5	230
35	Detection of Time Lags between Quasar Continuum Emission Bands Based On Pan-STARRS Light Curves. Astrophysical Journal, 2017, 836, 186.	4.5	50
36	PS1-14bj: A HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA WITH A LONG RISE AND SLOW DECAY. Astrophysical Journal, 2016, 831, 144.	4.5	68

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37	THE HOST GALAXY PROPERTIES OF VARIABILITY SELECTED AGN IN THE PAN-STARRS1 MEDIUM DEEP SURVEY. Astrophysical Journal, 2016, 826, 62.	4.5	20
38	Pan-Planets: Searching for hot Jupiters around cool dwarfs. Astronomy and Astrophysics, 2016, 587, A49.	5.1	29
39	THE TIME-DOMAIN SPECTROSCOPIC SURVEY: UNDERSTANDING THE OPTICALLY VARIABLE SKY WITH SEQUELS IN SDSS-III. Astrophysical Journal, 2016, 825, 137.	4.5	18
40	M DWARF ACTIVITY IN THE PAN-STARRS1 MEDIUM-DEEP SURVEY: FIRST CATALOG AND ROTATION PERIODS. Astrophysical Journal, 2016, 833, 281.	4.5	10
41	Brightness variation distributions among main belt asteroids from sparse light-curve sampling with Pan-STARRS 1. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2964-2972.	4.4	17
42	THE OPTICALâ€“INFRARED EXTINCTION CURVE AND ITS VARIATION IN THE MILKY WAY. Astrophysical Journal, 2016, 821, 78.	4.5	185
43	DISCOVERY OF A NEW RETROGRADE TRANS-NEPTUNIAN OBJECT: HINT OF A COMMON ORBITAL PLANE FOR LOW SEMIMAJOR AXIS, HIGH-INCLINATION TNOs AND CENTAURS. Astrophysical Journal Letters, 2016, 827, L24.	8.3	70
44	THE PAN-STARRS1 DISTANT zÂ>Â5.6 QUASAR SURVEY: MORE THAN 100 QUASARS WITHIN THE FIRST GYR OF THE UNIVERSE. Astrophysical Journal, Supplement Series, 2016, 227, 11.	7.7	266
45	A synoptic map of halo substructures from the Pan-STARRS1 3Ï€ survey. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1759-1768.	4.4	97
46	THE PAN-STARRS 1 DISCOVERIES OF FIVE NEW NEPTUNE TROJANS. Astronomical Journal, 2016, 152, 147.	4.7	11
47	Dust in three dimensions in the Galactic plane. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3604-3615.	4.4	9
48	BROWN DWARFS IN YOUNG MOVING GROUPS FROM PAN-STARRS1. I. AB DORADUS. Astrophysical Journal, 2016, 821, 120.	4.5	37
49	HYPERCALIBRATION: A PAN-STARRS1-BASED RECALIBRATION OF THE SLOAN DIGITAL SKY SURVEY PHOTOMETRY. Astrophysical Journal, 2016, 822, 66.	4.5	91
50	A systematic search for changing-look quasars in SDSS. Monthly Notices of the Royal Astronomical Society, 2016, 457, 389-404.	4.4	215
51	A Pan-STARRSÂ1 study of the relationship between wide binarity and planet occurrence in theKeplerfield. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4212-4230.	4.4	35
52	FINDING, CHARACTERIZING, AND CLASSIFYING VARIABLE SOURCES IN MULTI-EPOCH SKY SURVEYS: QSOs AND RR LYRAE IN PS1 3Ï€ DATA. Astrophysical Journal, 2016, 817, 73.	4.5	53
53	OF GENES AND MACHINES: APPLICATION OF A COMBINATION OF MACHINE LEARNING TOOLS TO ASTRONOMY DATA SETS. Astrophysical Journal, 2016, 821, 86.	4.5	13
54	MAPPING THE MONOCEROS RING IN 3D WITH PAN-STARRS1. Astrophysical Journal, 2016, 825, 140.	4.5	37

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55	A THREE-DIMENSIONAL MAP OF MILKY WAY DUST. Astrophysical Journal, 2015, 810, 25.	4.5	408
56	THE NATURE AND ORBIT OF THE OPHIUCHUS STREAM. Astrophysical Journal, 2015, 809, 59.	4.5	26
57	SAGITTARIUS II, DRACO II AND LAEVENS 3: THREE NEW MILKY WAY SATELLITES DISCOVERED IN THE PAN-STARRS 1 3Ï€SURVEY. Astrophysical Journal, 2015, 813, 44.	4.5	196
58	SUPERCAL: CROSS-CALIBRATION OF MULTIPLE PHOTOMETRIC SYSTEMS TO IMPROVE COSMOLOGICAL MEASUREMENTS WITH TYPE Ia SUPERNOVAE. Astrophysical Journal, 2015, 815, 117.	4.5	117
59	THE IDENTIFICATION OF z -DROPOUTS IN PAN-STARRS1: THREE QUASARS AT 6.5< z < 6.7. Astrophysical Journal Letters, 2015, 801, L11.	8.3	151
60	A SEARCH FOR L/T TRANSITION DWARFS WITH PAN-STARRS1 ANDWISE. II. L/T TRANSITION ATMOSPHERES AND YOUNG DISCOVERIES. Astrophysical Journal, 2015, 814, 118.	4.5	57
61	Machine learning for transient discovery in Pan-STARRS1 difference imaging. Monthly Notices of the Royal Astronomical Society, 2015, 449, 451-466.	4.4	51
62	THREE-DIMENSIONAL DUST MAPPING REVEALS THAT ORION FORMS PART OF A LARGE RING OF DUST. Astrophysical Journal, 2015, 799, 116.	4.5	32
63	THE STRUCTURE AND STELLAR CONTENT OF THE OUTER DISKS OF GALAXIES: A NEW VIEW FROM THE Pan-STARRS1 MEDIUM DEEP SURVEY. Astrophysical Journal, 2015, 800, 120.	4.5	43
64	TOWARD CHARACTERIZATION OF THE TYPE IIP SUPERNOVA PROGENITOR POPULATION: A STATISTICAL SAMPLE OF LIGHT CURVES FROM Pan-STARRS1. Astrophysical Journal, 2015, 799, 208.	4.5	149
65	Selecting superluminous supernovae in faint galaxies from the first year of the Pan-STARRS1 Medium Deep Survey. Monthly Notices of the Royal Astronomical Society, 2015, 448, 1206-1231.	4.4	69
66	A PERIODICALLY VARYING LUMINOUS QUASAR AT z = 2 FROM THE PAN-STARRS1 MEDIUM DEEP SURVEY: A CANDIDATE SUPERMASSIVE BLACK HOLE BINARY IN THE GRAVITATIONAL WAVE-DRIVEN REGIME. Astrophysical Journal Letters, 2015, 803, L16.	8.3	75
67	A NEW FAINT MILKY WAY SATELLITE DISCOVERED IN THE PAN-STARRS1 3 Ï€ SURVEY. Astrophysical Journal Letters, 2015, 802, L18.	8.3	135
68	CONSTRAINING THE RADIO-LOUD FRACTION OF QUASARS ATz> 5.5. Astrophysical Journal, 2015, 804, 118.	4.5	87
69	THE TIME DOMAIN SPECTROSCOPIC SURVEY: VARIABLE SELECTION AND ANTICIPATED RESULTS. Astrophysical Journal, 2015, 806, 244.	4.5	49
70	GALEXDETECTION OF SHOCK BREAKOUT IN TYPE IIP SUPERNOVA PS1-13arp: IMPLICATIONS FOR THE PROGENITOR STAR WIND. Astrophysical Journal, 2015, 804, 28.	4.5	46
71	SELECTION OF BURST-LIKE TRANSIENTS AND STOCHASTIC VARIABLES USING MULTI-BAND IMAGE DIFFERENCING IN THE PAN-STARRS1 MEDIUM-DEEP SURVEY. Astrophysical Journal, 2015, 802, 27.	4.5	9
72	AN OPTIMIZED METHOD TO IDENTIFY RR Lyrae STARS IN THE SDSSÃ—Pan-STARRS1 OVERLAPPING AREA USING A BAYESIAN GENERATIVE TECHNIQUE. Astronomical Journal, 2014, 148, 8.	4.7	8

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73	DISCOVERY OF EIGHTzâ^¼ 6 QUASARS FROM Pan-STARRS1. Astronomical Journal, 2014, 148, 14.	4.7	126
74	SYSTEMATIC UNCERTAINTIES ASSOCIATED WITH THE COSMOLOGICAL ANALYSIS OF THE FIRST PAN-STARRS1 TYPE Ia SUPERNOVA SAMPLE. Astrophysical Journal, 2014, 795, 45.	4.5	131
75	RAPIDLY EVOLVING AND LUMINOUS TRANSIENTS FROM PAN-STARRS1. Astrophysical Journal, 2014, 794, 23.	4.5	254
76	Galactic globular and open cluster fiducial sequences in the Pan-STARRS1 photometric system. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2999-3009.	4.4	26
77	The superluminous supernova PS1-11ap: bridging the gap between low and high redshift. Monthly Notices of the Royal Astronomical Society, 2014, 437, 656-674.	4.4	64
78	HYDROGEN-POOR SUPERLUMINOUS SUPERNOVAE AND LONG-DURATION GAMMA-RAY BURSTS HAVE SIMILAR HOST GALAXIES. Astrophysical Journal, 2014, 787, 138.	4.5	221
79	THE ULTRAVIOLET-BRIGHT, SLOWLY DECLINING TRANSIENT PS1-11af AS A PARTIAL TIDAL DISRUPTION EVENT. Astrophysical Journal, 2014, 780, 44.	4.5	166
80	CHARACTERIZATION OF THE PRAESEPE STAR CLUSTER BY PHOTOMETRY AND PROPER MOTIONS WITH 2MASS, PPMXL, AND Pan-STARRS. Astrophysical Journal, 2014, 784, 57.	4.5	22
81	MEASURING QUASAR VARIABILITY WITH Pan-STARRS1 AND SDSS. Astrophysical Journal, 2014, 784, 92.	4.5	45
82	SPECTROSCOPY OF THE THREE DISTANT ANDROMEDAN SATELLITES CASSIOPEIA III, LACERTA I, AND PERSEUS I. Astrophysical Journal Letters, 2014, 793, L14.	8.3	36
83	WIDE COOL AND ULTRACOOL COMPANIONS TO NEARBY STARS FROM Pan-STARRS 1. Astrophysical Journal, 2014, 792, 119.	4.5	78
84	PROPERTIES OF M31. V. 298 ECLIPSING BINARIES FROM PAndromeda. Astrophysical Journal, 2014, 797, 22.	4.5	14
85	THE COMPLEX STRUCTURE OF STARS IN THE OUTER GALACTIC DISK AS REVEALED BY PAN-STARRS1. Astrophysical Journal, 2014, 791, 9.	4.5	63
86	PROBABILITY FRIENDS-OF-FRIENDS (PFOF) GROUP FINDER: PERFORMANCE STUDY AND OBSERVATIONAL DATA APPLICATIONS ON PHOTOMETRIC SURVEYS. Astrophysical Journal, 2014, 788, 109.	4.5	16
87	A NEW DISTANT MILKY WAY GLOBULAR CLUSTER IN THE PAN-STARRS1 3Ï€ SURVEY. Astrophysical Journal Letters, 2014, 786, L3.	8.3	88
88	A LARGE CATALOG OF ACCURATE DISTANCES TO MOLECULAR CLOUDS FROM PS1 PHOTOMETRY. Astrophysical Journal, 2014, 786, 29.	4.5	164
89	PROPERTIES OF M31. IV. CANDIDATE LUMINOUS BLUE VARIABLES FROM PANDROMEDA. Astrophysical Journal, 2014, 785, 11.	4.5	9
90	COSMOLOGICAL CONSTRAINTS FROM MEASUREMENTS OF TYPE Ia SUPERNOVAE DISCOVERED DURING THE FIRST 1.5 yr OF THE Pan-STARRS1 SURVEY. Astrophysical Journal, 2014, 795, 44.	4.5	262

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91	A MAP OF DUST REDDENING TO 4.5 kpc FROM Pan-STARRS1. Astrophysical Journal, 2014, 789, 15.	4.5	85
92	THE DEEP2 GALAXY REDSHIFT SURVEY: DESIGN, OBSERVATIONS, DATA REDUCTION, AND REDSHIFTS. Astrophysical Journal, Supplement Series, 2013, 208, 5.	7.7	544
93	LACERTA I AND CASSIOPEIA III. TWO LUMINOUS AND DISTANT ANDROMEDA SATELLITE DWARF GALAXIES FOUND IN THE 3Ï€ PAN-STARRS1 SURVEY. Astrophysical Journal, 2013, 772, 15.	4.5	81
94	The Pan-STARRS Moving Object Processing System. Publications of the Astronomical Society of the Pacific, 2013, 125, 357-395.	3.1	124
95	SUPER-LUMINOUS TYPE Ic SUPERNOVAE: CATCHING A MAGNETAR BY THE TAIL. Astrophysical Journal, 2013, 770, 128.	4.5	332
96	Slowly fading super-luminous supernovae that are not pair-instability explosions. Nature, 2013, 502, 346-349.	27.8	226
97	The Pan-STARRS1 Small Area Survey 2. Monthly Notices of the Royal Astronomical Society, 2013, 435, 1825-1839.	4.4	32
98	THE EXTREMELY RED, YOUNG L DWARF PSO J318.5338â€“22.8603: A FREE-FLOATING PLANETARY-MASS ANALOG TO DIRECTLY IMAGED YOUNG GAS-GIANT PLANETS. Astrophysical Journal Letters, 2013, 777, L20.	8.3	203
99	THE PAN-STARRS 1 PHOTOMETRIC REFERENCE LADDER, RELEASE 12.01. Astrophysical Journal, Supplement Series, 2013, 205, 20.	7.7	270
100	A SEARCH FOR L/T TRANSITION DWARFS WITH Pan-STARRS1 ANDWISE: DISCOVERY OF SEVEN NEARBY OBJECTS INCLUDING TWO CANDIDATE SPECTROSCOPIC VARIABLES. Astrophysical Journal, 2013, 777, 84.	4.5	26
101	PROPERTIES OF M31. III. CANDIDATE BEAT CEPHEIDS FROM PS1 PANDROMEDA DATA AND THEIR IMPLICATION ON METALLICITY GRADIENT. Astrophysical Journal, 2013, 777, 35.	4.5	12
102	PS1-10afx ATz= 1.388: PAN-STARRS1 DISCOVERY OF A NEW TYPE OF SUPERLUMINOUS SUPERNOVA. Astrophysical Journal, 2013, 767, 162.	4.5	56
103	PROPERTIES OF M31. II. A CEPHEID DISK SAMPLE DERIVED FROM THE FIRST YEAR OF PS1 PANDROMEDA DATA. Astronomical Journal, 2013, 145, 106.	4.7	21
104	A PAN-STARRS + UKIDSS SEARCH FOR YOUNG, WIDE PLANETARY-MASS COMPANIONS IN UPPER SCORPIUS. Astrophysical Journal, 2013, 773, 63.	4.5	67
105	PERSEUS I: A DISTANT SATELLITE DWARF GALAXY OF ANDROMEDA. Astrophysical Journal Letters, 2013, 779, L10.	8.3	42
106	THEGALEXTIME DOMAIN SURVEY. I. SELECTION AND CLASSIFICATION OF OVER A THOUSAND ULTRAVIOLET VARIABLE SOURCES. Astrophysical Journal, 2013, 766, 60.	4.5	48
107	The discovery of eight z ~ 6 quasars from Pan-STARRS1. Proceedings of the International Astronomical Union, 2013, 9, 19-22.	0.0	1
108	A Pan-STARRS1 VIEW OF THE BIFURCATED SAGITTARIUS STREAM. Astrophysical Journal, 2013, 762, 6.	4.5	36

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109	An ultravioletâ€“optical flare from the tidal disruption of a helium-rich stellar core. Nature, 2012, 485, 217-220.	27.8	373
110	PAndromedaâ€”FIRST RESULTS FROM THE HIGH-CADENCE MONITORING OF M31 WITH Pan-STARRS 1. Astronomical Journal, 2012, 143, 89.	4.7	34
111	THE FIRST HIGH-REDSHIFT QUASAR FROM Pan-STARRS. Astronomical Journal, 2012, 143, 142.	4.7	46
112	FIRST RESULTS FROM Pan-STARRS1: FAINT, HIGH PROPER MOTION WHITE DWARFS IN THE MEDIUM-DEEP FIELDS. Astrophysical Journal, 2012, 745, 42.	4.5	49
113	THE PHOTOMETRIC CLASSIFICATION SERVER FOR Pan-STARRS1. Astrophysical Journal, 2012, 746, 128.	4.5	31
114	SN 2010ay IS A LUMINOUS AND BROAD-LINED TYPE Ic SUPERNOVA WITHIN A LOW-METALLICITY HOST GALAXY. Astrophysical Journal, 2012, 756, 184.	4.5	42
115	ULTRALUMINOUS SUPERNOVAE AS A NEW PROBE OF THE INTERSTELLAR MEDIUM IN DISTANT GALAXIES. Astrophysical Journal Letters, 2012, 755, L29.	8.3	57
116	HIP 38939B: A NEW BENCHMARK T DWARF IN THE GALACTIC PLANE DISCOVERED WITH Pan-STARRS1. Astrophysical Journal, 2012, 755, 94.	4.5	44
117	PHOTOMETRIC CALIBRATION OF THE FIRST 1.5 YEARS OF THE PAN-STARRS1 SURVEY. Astrophysical Journal, 2012, 756, 158.	4.5	311
118	LHS 2803B: A VERY WIDE MID-T DWARF COMPANION TO AN OLD M DWARF IDENTIFIED FROM PAN-STARRS1. Astrophysical Journal, 2012, 757, 100.	4.5	50
119	THE Pan-STARRS1 PHOTOMETRIC SYSTEM. Astrophysical Journal, 2012, 750, 99.	4.5	729
120	DISPLAYING THE HETEROGENEITY OF THE SN 2002cx-LIKE SUBCLASS OF TYPE Ia SUPERNOVAE WITH OBSERVATIONS OF THE Pan-STARRS-1 DISCOVERED SN 2009ku. Astrophysical Journal Letters, 2011, 731, L11.	8.3	52
121	A SEARCH FOR HIGH PROPER MOTION T DWARFS WITH Pan-STARRS1 + 2MASS + WISE. Astrophysical Journal Letters, 2011, 740, L32.	8.3	40
122	Pan-STARRS1 DISCOVERY OF TWO ULTRALUMINOUS SUPERNOVAE ATzâ‰ˆ 0.9. Astrophysical Journal, 2011, 743, 114.	4.5	168
123	FOUR NEW T DWARFS IDENTIFIED IN Pan-STARRS 1 COMMISSIONING DATA. Astronomical Journal, 2011, 142, 77.	4.7	32
124	The Pan-STARRS wide-field optical/NIR imaging survey. Proceedings of SPIE, 2010, , .	0.8	337
125	GALEX AND PAN-STARRS1 DISCOVERY OF SN IIP 2010aq: THE FIRST FEW DAYS AFTER SHOCK BREAKOUT IN A RED SUPERGIANT STAR. Astrophysical Journal Letters, 2010, 720, L77-L81.	8.3	39
126	ULTRA-BRIGHT OPTICAL TRANSIENTS ARE LINKED WITH TYPE Ic SUPERNOVAE. Astrophysical Journal Letters, 2010, 724, L16-L21.	8.3	217

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127	SUPERNOVA 2009kf: AN ULTRAVIOLET BRIGHT TYPE IIP SUPERNOVA DISCOVERED WITH PAN-STARRS 1 AND GALEX. Astrophysical Journal Letters, 2010, 717, L52-L56.	8.3	51
128	The Deep Evolutionary Exploratory Probe 2 Galaxy Redshift Survey: The Galaxy Luminosity Function tozâ€‰âˆ¼â€‰1. Astrophysical Journal, 2006, 647, 853-873.	4.5	327
129	The next decade of Solar System discovery with Pan-STARRS. Proceedings of the International Astronomical Union, 2006, 2, 341-352.	0.0	12
130	GaBoDS: The Garching-Bonn Deep Survey. Astronomische Nachrichten, 2005, 326, 432-464.	1.2	203
131	Design of the Pan-STARRS telescopes. Astronomische Nachrichten, 2004, 325, 636-642.	1.2	121
132	Optical design of the Pan-STARRS telescopes. , 2004, , .		34
133	Pan-STARRS: A Large Synoptic Survey Telescope Array. , 2002, , .		500
134	Giga-Pixels and Sky Surveys. Experimental Astronomy, 2002, 14, 17-24.	3.7	3
135	EARLY-TYPE HALO MASSES FROM GALAXY-GALAXY LENSING. , 2002, , .		0
136	The 2dF Galaxy Redshift Survey: spectral types and luminosity functions. Monthly Notices of the Royal Astronomical Society, 1999, 308, 459-472.	4.4	248
137	A Method for Weak Lensing Observations. Astrophysical Journal, 1995, 449, 460.	4.5	634
138	A Quasar Discovered at redshift 6.6 from Pan-STARRS1. Monthly Notices of the Royal Astronomical Society, 0, , stw3287.	4.4	21
139	Spectral analysis of four â€˜hypervariableâ€™ AGN: a micro-needle in the haystack?. Monthly Notices of the Royal Astronomical Society, 0, , stx168.	4.4	9
140	2MASSÂ0213+3648ÂC: A wide T3 benchmark companion to an an active, old M dwarf binary. Monthly Notices of the Royal Astronomical Society, 0, , stx065.	4.4	15