Eugene A Magnier

List of Publications by Year
in descending order

91 papers	12,387 citations	76326 40 h-index	49909 87 g-index
91 all docs	91 docs citations	91 times ranked	10613 citing authors

#	Article	IF	Citations
1	An Early-time Optical and Ultraviolet Excess in the Type-Ic SN 2020oi. Astrophysical Journal, 2022, 924, 55.	4.5	22
2	International Asteroid Warning Network Timing Campaign: 2019 XS. Planetary Science Journal, 2022, 3, 156.	3.6	6
3	The Young Supernova Experiment: Survey Goals, Overview, and Operations. Astrophysical Journal, 2021, 908, 143.	4.5	52
4	A Volume-limited Sample of Ultracool Dwarfs. I. Construction, Space Density, and a Gap in the L/T Transition. Astronomical Journal, 2021, 161, 42.	4.7	46
5	Photometric Properties of L and T Dwarf Binaries. Research Notes of the AAS, 2021, 5, 286.	0.7	1
6	PS1-STRM: neural network source classification and photometric redshift catalogue for PS1 3π DR1. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1633-1644.	4.4	32
7	The Hawaii Infrared Parallax Program. IV. A Comprehensive Parallax Survey of L0–T8 Dwarfs with UKIRT. Astronomical Journal, 2020, 159, 257.	4.7	45
8	COol Companions ON Ultrawide orbiTS (COCONUTS). I. A High-gravity T4 Benchmark around an Old White Dwarf and a Re-examination of the Surface-gravity Dependence of the L/T Transition. Astrophysical Journal, 2020, 891, 171.	4.5	23
9	The Outburst of the Young Star Gaia19bey. Astronomical Journal, 2020, 160, 164.	4.7	14
10	Sensor Distortion Effects in Photon Monte Carlo Simulations. Astrophysical Journal, 2020, 889, 182.	4.5	6
11	Photometric Classification of 2315 Pan-STARRS1 Supernovae with Superphot. Astrophysical Journal, 2020, 905, 93.	4.5	15
12	SuperRAENN: A Semisupervised Supernova Photometric Classification Pipeline Trained on Pan-STARRS1 Medium-Deep Survey Supernovae. Astrophysical Journal, 2020, 905, 94.	4.5	43
13	The Pan-STARRS Data-processing System. Astrophysical Journal, Supplement Series, 2020, 251, 3.	7.7	68
14	Pan-STARRS Photometric and Astrometric Calibration. Astrophysical Journal, Supplement Series, 2020, 251, 6.	7.7	138
15	Pan-STARRS Pixel Processing: Detrending, Warping, Stacking. Astrophysical Journal, Supplement Series, 2020, 251, 4.	7.7	77
16	Pan-STARRS Pixel Analysis: Source Detection and Characterization. Astrophysical Journal, Supplement Series, 2020, 251, 5.	7.7	65
17	The Pan-STARRS1 Database and Data Products. Astrophysical Journal, Supplement Series, 2020, 251, 7.	7.7	348
18	The Parallax of VHS J1256–1257 from CFHT and Pan-STARRS-1. Research Notes of the AAS, 2020, 4, 54.	0.7	11

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19	Asteroid Discovery and Light Curve Extraction Using the Hough Transform: A Rotation Period Study for Subkilometer Main-belt Asteroids. Astronomical Journal, 2020, 159, 25.	4.7	6
20	Removal of virtual impactor solutions with precovery data: The case study of 2017ÂXO2. Icarus, 2019, 317, 39-43.	2.5	1
21	The orbit and size-frequency distribution of long period comets observed by Pan-STARRS1. Icarus, 2019, 333, 252-272.	2.5	34
22	The Foundation Supernova Survey: Measuring Cosmological Parameters with Supernovae from a Single Telescope. Astrophysical Journal, 2019, 881, 19.	4.5	67
23	PS18kh: A New Tidal Disruption Event with a Non-axisymmetric Accretion Disk. Astrophysical Journal, 2019, 880, 120.	4.5	68
24	Precision Distances to Dwarf Galaxies and Globular Clusters from Pan-STARRS1 3Ï€ RR Lyrae. Astrophysical Journal, 2019, 871, 49.	4.5	20
25	Changing-look Quasar Candidates: First Results from Follow-up Spectroscopy of Highly Optically Variable Quasars. Astrophysical Journal, 2019, 874, 8.	4.5	106
26	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
27	The Massive and Distant Clusters of <i>WISE</i> Survey. I. Survey Overview and a Catalog of >2000 Galaxy Clusters at <i>z</i> â‰ƒ 1. Astrophysical Journal, Supplement Series, 2019, 240, 33.	7.7	50
28	The Sloan Digital Sky Survey Reverberation Mapping Project: Sample Characterization. Astrophysical Journal, Supplement Series, 2019, 241, 34.	7.7	102
29	Searching for Super-fast Rotators Using the Pan-STARRS 1. Astrophysical Journal, Supplement Series, 2019, 241, 6.	7.7	12
30	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
31	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Libraryâ€"First Release. Astrophysical Journal, 2019, 883, 175.	4.5	67
32	Analysis of Neptuneâ€™s 2017 bright equatorial storm. Icarus, 2019, 321, 324-345.	2.5	25
33	A Dwarf Planet Class Object in the 21:5 Resonance with Neptune. Astrophysical Journal Letters, 2018, 855, L6.	8.3	17
34	Charge Diffusion Variations in Pan-STARRS1 CCDs. Publications of the Astronomical Society of the Pacific, 2018, 130, 065002.	3.1	6
35	The Time-domain Spectroscopic Survey: Target Selection for Repeat Spectroscopy. Astronomical Journal, 2018, 155, 6.	4.7	20
36	Photometry and Proper Motions of M, L, and T Dwarfs from the Pan-STARRS1 3 <i>Ï€</i> Survey. Astrophysical Journal, Supplement Series, 2018, 234, 1.	7.7	86

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37	A Color-locus Method for Mapping R_V Using Ensembles of Stars. Astrophysical Journal, 2018, 854, 79.	4.5	2
38	Color Variabilities of Spectrally Defined Red QSOs at z = 0.3–1.2. Astrophysical Journal, 2018, 855, 66.	4.5	0
39	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
40	The Profile of the Galactic Halo from Pan-STARRS1 3π RR Lyrae. Astrophysical Journal, 2018, 859, 31.	4.5	33
41	Galactic reddening in 3D from stellar photometry – an improved map. Monthly Notices of the Royal Astronomical Society, 2018, 478, 651-666.	4.4	337
42	Hydrogen-poor Superluminous Supernovae from the Pan-STARRS1 Medium Deep Survey. Astrophysical Journal, 2018, 852, 81.	4.5	88
43	STREAMFINDER II: A possible fanning structure parallel to the GD-1 stream in Pan-STARRS1. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3862-3870.	4.4	15
44	The APOGEE-2 Survey of the Orion Star-forming Complex. I. Target Selection and Validation with Early Observations. Astrophysical Journal, Supplement Series, 2018, 236, 27.	7.7	23
45	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
46	PanSTARRS1 Observations of the Kepler/K2 Campaign 16 and 17 Fields. Research Notes of the AAS, 2018, 2, 178.	0.7	4
47	The Splitting of Double-component Active Asteroid P/2016 J1 (PANSTARRS). Astrophysical Journal Letters, 2017, 837, L3.	8.3	24
48	Machine-learned Identification of RR Lyrae Stars from Sparse, Multi-band Data: The PS1 Sample. Astronomical Journal, 2017, 153, 204.	4.7	112
49	The Young L Dwarf 2MASS J11193254−1137466 Is a Planetary-mass Binary. Astrophysical Journal Letters, 2017, 843, L4.	8.3	35
50	A Search for L/T Transition Dwarfs with Pan-STARRS1 and WISE. III. Young L Dwarf Discoveries and Proper Motion Catalogs in Taurus and Scorpius–Centaurus. Astrophysical Journal, 2017, 837, 95.	4.5	27
51	A brief visit from a red and extremely elongated interstellar asteroid. Nature, 2017, 552, 378-381.	27.8	304
52	The Geometry of the Sagittarius Stream from Pan-STARRS1 3π RR Lyrae. Astrophysical Journal, 2017, 850, 96.	4.5	48
53	CO-driven Activity in Comet C/2017 K2 (PANSTARRS). Astrophysical Journal Letters, 2017, 849, L8.	8.3	35
54	A transient search using combined human and machine classifications. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1315-1323.	4.4	31

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55	PSYM-WIDE: A Survey for Large-separation Planetary-mass Companions to Late Spectral Type Members of Young Moving Groups. Astronomical Journal, 2017, 154, 129.	4.7	37
56	Physical Properties of 15 Quasars at zÂâ‰³Â6.5. Astrophysical Journal, 2017, 849, 91.	4.5	230
57	Observations of the GRB Afterglow ATLAS17aeu and Its Possible Association with GW 170104. Astrophysical Journal, 2017, 850, 149.	4.5	38
58	M DWARF ACTIVITY IN THE PAN-STARRS1 MEDIUM-DEEP SURVEY: FIRST CATALOG AND ROTATION PERIODS. Astrophysical Journal, 2016, 833, 281.	4.5	10
59	A SYSTEMATIC SEARCH FOR PERIODICALLY VARYING QUASARS IN PAN-STARRS1: AN EXTENDED BASELINE TEST IN MEDIUM DEEP SURVEY FIELD MD09. Astrophysical Journal, 2016, 833, 6.	4.5	56
60	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
61	A SEARCH FOR AN OPTICAL COUNTERPART TO THE GRAVITATIONAL-WAVE EVENT GW151226. Astrophysical Journal Letters, 2016, 827, L40.	8.3	38
62	THE PAN-STARRS1 DISTANT z>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
63	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
64	BROWN DWARFS IN YOUNG MOVING GROUPS FROM PAN-STARRS1. I. AB DORADUS. Astrophysical Journal, 2016, 821, 120.	4.5	37
65	A systematic search for changing-look quasars in SDSS. Monthly Notices of the Royal Astronomical Society, 2016, 457, 389-404.	4.4	215
66	SUPERLUMINOUS SUPERNOVA SN 2015bn IN THE NEBULAR PHASE: EVIDENCE FOR THE ENGINE-POWERED EXPLOSION OF A STRIPPED MASSIVE STAR. Astrophysical Journal Letters, 2016, 828, L18.	8.3	88
67	A Pan-STARRS1 Search for Substellar Young Moving Group Members. Proceedings of the International Astronomical Union, 2015, 10, 54-57.	0.0	0
68	A THREE-DIMENSIONAL MAP OF MILKY WAY DUST. Astrophysical Journal, 2015, 810, 25.	4.5	408
69	THE NATURE AND ORBIT OF THE OPHIUCHUS STREAM. Astrophysical Journal, 2015, 809, 59.	4.5	26
70	SAGITTARIUS II, DRACO II AND LAEVENS 3: THREE NEW MILKY WAY SATELLITES DISCOVERED IN THE PAN-STARRS 1 3<i>Ï€</i>SURVEY. Astrophysical Journal, 2015, 813, 44.	4.5	196
71	A SEARCH FOR L/T TRANSITION DWARFS WITH PAN-STARRS1 AND<i>WISE</i>. II. L/T TRANSITION ATMOSPHERES AND YOUNG DISCOVERIES. Astrophysical Journal, 2015, 814, 118.	4.5	57
72	Searching for T dwarfs in the Ï€ÂOph dark cloud LÂ1688. Monthly Notices of the Royal Astronomical Society, 2015, 448, 522-540.	4.4	5

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73	The main-belt comets: The Pan-STARRS1 perspective. Icarus, 2015, 248, 289-312.	2.5	48
74	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
75	WIDE COOL AND ULTRACOOL COMPANIONS TO NEARBY STARS FROM Pan-STARRS 1. Astrophysical Journal, 2014, 792, 119.	4.5	78
76	MEASURING DISTANCES AND REDDENINGS FOR A BILLION STARS: TOWARD A 3D DUST MAP FROM PAN-STARRS 1. Astrophysical Journal, 2014, 783, 114.	4.5	84
77	The Pan-STARRS Moving Object Processing System. Publications of the Astronomical Society of the Pacific, 2013, 125, 357-395.	3.1	124
78	OUTGASSING BEHAVIOR OF C/2012 S1 (ISON) FROM 2011 SEPTEMBER TO 2013 JUNE. Astrophysical Journal Letters, 2013, 776, L20.	8.3	25
79	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
80	A SEARCH FOR L/T TRANSITION DWARFS WITH Pan-STARRS1 AND<i>WISE</i>: DISCOVERY OF SEVEN NEARBY OBJECTS INCLUDING TWO CANDIDATE SPECTROSCOPIC VARIABLES. Astrophysical Journal, 2013, 777, 84.	4.5	26
81	MAIN-BELT COMET P/2012 T1 (PANSTARRS). Astrophysical Journal Letters, 2013, 771, L1.	8.3	31
82	A PAN-STARRS + UKIDSS SEARCH FOR YOUNG, WIDE PLANETARY-MASS COMPANIONS IN UPPER SCORPIUS. Astrophysical Journal, 2013, 773, 63.	4.5	67
83	HIP 38939B: A NEW BENCHMARK T DWARF IN THE GALACTIC PLANE DISCOVERED WITH Pan-STARRS1. Astrophysical Journal, 2012, 755, 94.	4.5	44
84	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
85	Identification of known objects in Solar System surveys. Icarus, 2012, 220, 114-123.	2.5	19
86	A SEARCH FOR HIGH PROPER MOTION T DWARFS WITH Pan-STARRS1 + 2MASS + <i>WISE</i>. Astrophysical Journal Letters, 2011, 740, L32.	8.3	40
87	FOUR NEW T DWARFS IDENTIFIED IN Pan-STARRS 1 COMMISSIONING DATA. Astronomical Journal, 2011, 142, 77.	4.7	32
88	The Pan-STARRS wide-field optical/NIR imaging survey. Proceedings of SPIE, 2010, , .	0.8	337
89	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, Supplement Series, 2009, 182, 543-558.	7.7	4,201
90	Pan-STARRS: A Large Synoptic Survey Telescope Array. , 2002, , .		500

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91	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