

# Eugene A Magnier

## List of Publications by Year in descending order

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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	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	7.7	4,201
2	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.	4.5	1,694
3	Pan-STARRS: A Large Synoptic Survey Telescope Array. , 2002, , .		500
4	A THREE-DIMENSIONAL MAP OF MILKY WAY DUST. <i>Astrophysical Journal</i> , 2015, 810, 25.	4.5	408
5	The Pan-STARRS1 Database and Data Products. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 7.	7.7	348
6	The Pan-STARRS wide-field optical/NIR imaging survey. <i>Proceedings of SPIE</i> , 2010, , .	0.8	337
7	Galactic reddening in 3D from stellar photometry – an improved map. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 651-666.	4.4	337
8	A brief visit from a red and extremely elongated interstellar asteroid. <i>Nature</i> , 2017, 552, 378-381.	27.8	304
9	THE PAN-STARRS1 DISTANT $z > 5.6$ QUASAR SURVEY: MORE THAN 100 QUASARS WITHIN THE FIRST GYR OF THE UNIVERSE. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 11.	7.7	266
10	Physical Properties of 15 Quasars at $z \approx 3-6.5$ . <i>Astrophysical Journal</i> , 2017, 849, 91.	4.5	230
11	A systematic search for changing-look quasars in SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 389-404.	4.4	215
12	THE EXTREMELY RED, YOUNG L DWARF PSO J318.5338-22.8603: A FREE-FLOATING PLANETARY-MASS ANALOG TO DIRECTLY IMAGED YOUNG GAS-GIANT PLANETS. <i>Astrophysical Journal Letters</i> , 2013, 777, L20.	8.3	203
13	SAGITTARIUS II, DRACO II AND LAEVENS 3: THREE NEW MILKY WAY SATELLITES DISCOVERED IN THE PAN-STARRS 1 SURVEY. <i>Astrophysical Journal</i> , 2015, 813, 44.	4.5	196
14	Pan-STARRS Photometric and Astrometric Calibration. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 6.	7.7	138
15	The Pan-STARRS Moving Object Processing System. <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 357-395.	3.1	124
16	Machine-learned Identification of RR Lyrae Stars from Sparse, Multi-band Data: The PS1 Sample. <i>Astronomical Journal</i> , 2017, 153, 204.	4.7	112
17	Changing-look Quasar Candidates: First Results from Follow-up Spectroscopy of Highly Optically Variable Quasars. <i>Astrophysical Journal</i> , 2019, 874, 8.	4.5	106
18	The Sloan Digital Sky Survey Reverberation Mapping Project: Sample Characterization. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 34.	7.7	102

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19	A synoptic map of halo substructures from the Pan-STARRS1 3 $\sigma$ survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1759-1768.	4.4	97
20	Hydrogen-poor Superluminous Supernovae from the Pan-STARRS1 Medium Deep Survey. <i>Astrophysical Journal</i> , 2018, 852, 81.	4.5	88
21	SUPERLUMINOUS SUPERNOVA SN 2015bn IN THE NEBULAR PHASE: EVIDENCE FOR THE ENGINE-POWERED EXPLOSION OF A STRIPPED MASSIVE STAR. <i>Astrophysical Journal Letters</i> , 2016, 828, L18.	8.3	88
22	Photometry and Proper Motions of M, L, and T Dwarfs from the Pan-STARRS1 3 $\sigma$ Survey. <i>Astrophysical Journal</i> , Supplement Series, 2018, 234, 1.	7.7	86
23	MEASURING DISTANCES AND REDDENINGS FOR A BILLION STARS: TOWARD A 3D DUST MAP FROM PAN-STARRS 1. <i>Astrophysical Journal</i> , 2014, 783, 114.	4.5	84
24	WIDE COOL AND ULTRACOOL COMPANIONS TO NEARBY STARS FROM Pan-STARRS 1. <i>Astrophysical Journal</i> , 2014, 792, 119.	4.5	78
25	Pan-STARRS Pixel Processing: Detrending, Warping, Stacking. <i>Astrophysical Journal</i> , Supplement Series, 2020, 251, 4.	7.7	77
26	DISCOVERY OF A NEW RETROGRADE TRANS-NEPTUNIAN OBJECT: HINT OF A COMMON ORBITAL PLANE FOR LOW SEMIMAJOR AXIS, HIGH-INCLINATION TNOs AND CENTAURS. <i>Astrophysical Journal Letters</i> , 2016, 827, L24.	8.3	70
27	PS18kh: A New Tidal Disruption Event with a Non-axisymmetric Accretion Disk. <i>Astrophysical Journal</i> , 2019, 880, 120.	4.5	68
28	The Pan-STARRS Data-processing System. <i>Astrophysical Journal</i> , Supplement Series, 2020, 251, 3.	7.7	68
29	A PAN-STARRS + UKIDSS SEARCH FOR YOUNG, WIDE PLANETARY-MASS COMPANIONS IN UPPER SCORPIUS. <i>Astrophysical Journal</i> , 2013, 773, 63.	4.5	67
30	The Foundation Supernova Survey: Measuring Cosmological Parameters with Supernovae from a Single Telescope. <i>Astrophysical Journal</i> , 2019, 881, 19.	4.5	67
31	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Libraryâ€™s First Release. <i>Astrophysical Journal</i> , 2019, 883, 175.	4.5	67
32	Pan-STARRS Pixel Analysis: Source Detection and Characterization. <i>Astrophysical Journal</i> , Supplement Series, 2020, 251, 5.	7.7	65
33	A SEARCH FOR L/T TRANSITION DWARFS WITH PAN-STARRS1 AND WISE. II. L/T TRANSITION ATMOSPHERES AND YOUNG DISCOVERIES. <i>Astrophysical Journal</i> , 2015, 814, 118.	4.5	57
34	A SYSTEMATIC SEARCH FOR PERIODICALLY VARYING QUASARS IN PAN-STARRS1: AN EXTENDED BASELINE TEST IN MEDIUM DEEP SURVEY FIELD MD09. <i>Astrophysical Journal</i> , 2016, 833, 6.	4.5	56
35	The Young Supernova Experiment: Survey Goals, Overview, and Operations. <i>Astrophysical Journal</i> , 2021, 908, 143.	4.5	52
36	LHS 2803B: A VERY WIDE MID-T DWARF COMPANION TO AN OLD M DWARF IDENTIFIED FROM PAN-STARRS1. <i>Astrophysical Journal</i> , 2012, 757, 100.	4.5	50

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37	The Massive and Distant Clusters of <i>WISE</i> Survey. I. Survey Overview and a Catalog of >2000 Galaxy Clusters at <i>z</i> < 1. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 33.	7.7	50
38	The main-belt comets: The Pan-STARRS1 perspective. <i>Icarus</i> , 2015, 248, 289-312.	2.5	48
39	The Geometry of the Sagittarius Stream from Pan-STARRS1 3Ï€ RR Lyrae. <i>Astrophysical Journal</i> , 2017, 850, 96.	4.5	48
40	A Volume-limited Sample of Ultracool Dwarfs. I. Construction, Space Density, and a Gap in the L/T Transition. <i>Astronomical Journal</i> , 2021, 161, 42.	4.7	46
41	The Hawaii Infrared Parallax Program. IV. A Comprehensive Parallax Survey of L0â€“T8 Dwarfs with UKIRT. <i>Astronomical Journal</i> , 2020, 159, 257.	4.7	45
42	HIP 38939B: A NEW BENCHMARK T DWARF IN THE GALACTIC PLANE DISCOVERED WITH Pan-STARRS1. <i>Astrophysical Journal</i> , 2012, 755, 94.	4.5	44
43	SuperRAENN: A Semisupervised Supernova Photometric Classification Pipeline Trained on Pan-STARRS1 Medium-Deep Survey Supernovae. <i>Astrophysical Journal</i> , 2020, 905, 94.	4.5	43
44	A SEARCH FOR HIGH PROPER MOTION T DWARFS WITH Pan-STARRS1 + 2MASS + <i>WISE</i> . <i>Astrophysical Journal Letters</i> , 2011, 740, L32.	8.3	40
45	A SEARCH FOR AN OPTICAL COUNTERPART TO THE GRAVITATIONAL-WAVE EVENT GW151226. <i>Astrophysical Journal Letters</i> , 2016, 827, L40.	8.3	38
46	Observations of the GRB Afterglow ATLAS17aeu and Its Possible Association with GW 170104. <i>Astrophysical Journal</i> , 2017, 850, 149.	4.5	38
47	BROWN DWARFS IN YOUNG MOVING GROUPS FROM PAN-STARRS1. I. AB DORADUS. <i>Astrophysical Journal</i> , 2016, 821, 120.	4.5	37
48	PSYM-WIDE: A Survey for Large-separation Planetary-mass Companions to Late Spectral Type Members of Young Moving Groups. <i>Astronomical Journal</i> , 2017, 154, 129.	4.7	37
49	The Young L Dwarf 2MASS J11193254âˆ’1137466 Is a Planetary-mass Binary. <i>Astrophysical Journal Letters</i> , 2017, 843, L4.	8.3	35
50	CO-driven Activity in Comet C/2017 K2 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2017, 849, L8.	8.3	35
51	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. <i>Astrophysical Journal</i> , 2018, 858, 41.	4.5	34
52	The orbit and size-frequency distribution of long period comets observed by Pan-STARRS1. <i>Icarus</i> , 2019, 333, 252-272.	2.5	34
53	The Profile of the Galactic Halo from Pan-STARRS1 3Ï€ RR Lyrae. <i>Astrophysical Journal</i> , 2018, 859, 31.	4.5	33
54	FOUR NEW T DWARFS IDENTIFIED IN Pan-STARRS 1 COMMISSIONING DATA. <i>Astronomical Journal</i> , 2011, 142, 77.	4.7	32

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55	PS1-STRM: neural network source classification and photometric redshift catalogue for PS1 3i€ DR1. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1633-1644.	4.4	32
56	MAIN-BELT COMET P/2012 T1 (PANSTARRS). Astrophysical Journal Letters, 2013, 771, L1.	8.3	31
57	A transient search using combined human and machine classifications. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1315-1323.	4.4	31
58	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
59	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
60	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
61	THE NATURE AND ORBIT OF THE OPHIUCHUS STREAM. Astrophysical Journal, 2015, 809, 59.	4.5	26
62	OUTGASSING BEHAVIOR OF C/2012 S1 (ISON) FROM 2011 SEPTEMBER TO 2013 JUNE. Astrophysical Journal Letters, 2013, 776, L20.	8.3	25
63	Analysis of Neptuneâ€™s 2017 bright equatorial storm. Icarus, 2019, 321, 324-345.	2.5	25
64	The Splitting of Double-component Active Asteroid P/2016 J1 (PANSTARRS). Astrophysical Journal Letters, 2017, 837, L3.	8.3	24
65	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
66	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
67	An Early-time Optical and Ultraviolet Excess in the Type-Ic SN 2020oi. Astrophysical Journal, 2022, 924, 55.	4.5	22
68	The Time-domain Spectroscopic Survey: Target Selection for Repeat Spectroscopy. Astronomical Journal, 2018, 155, 6.	4.7	20
69	Precision Distances to Dwarf Galaxies and Globular Clusters from Pan-STARRS1 3i€ RR Lyrae. Astrophysical Journal, 2019, 871, 49.	4.5	20
70	Identification of known objects in Solar System surveys. Icarus, 2012, 220, 114-123.	2.5	19
71	A Dwarf Planet Class Object in the 21:5 Resonance with Neptune. Astrophysical Journal Letters, 2018, 855, L6.	8.3	17
72	2MASSâ€0213+3648â€™: 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

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73	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
74	Photometric Classification of 2315 Pan-STARRS1 Supernovae with Superphot. Astrophysical Journal, 2020, 905, 93.	4.5	15
75	The Outburst of the Young Star Gaia19bey. Astronomical Journal, 2020, 160, 164.	4.7	14
76	Searching for Super-fast Rotators Using the Pan-STARRS 1. Astrophysical Journal, Supplement Series, 2019, 241, 6.	7.7	12
77	The white dwarf luminosity functions from the Pan-STARRS 1 3 $\pi$ Steradian Survey. Monthly Notices of the Royal Astronomical Society, 2019, 482, 715-731.	4.4	11
78	The Parallax of VHS J1256+1257 from CFHT and Pan-STARRS-1. Research Notes of the AAS, 2020, 4, 54.	0.7	11
79	M DWARF ACTIVITY IN THE PAN-STARRS1 MEDIUM-DEEP SURVEY: FIRST CATALOG AND ROTATION PERIODS. Astrophysical Journal, 2016, 833, 281.	4.5	10
80	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
81	Charge Diffusion Variations in Pan-STARRS1 CCDs. Publications of the Astronomical Society of the Pacific, 2018, 130, 065002.	3.1	6
82	Sensor Distortion Effects in Photon Monte Carlo Simulations. Astrophysical Journal, 2020, 889, 182.	4.5	6
83	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
84	International Asteroid Warning Network Timing Campaign: 2019 XS. Planetary Science Journal, 2022, 3, 156.	3.6	6
85	Searching for T dwarfs in the $\rho$ Oph dark cloud L $\beta$ 1688. Monthly Notices of the Royal Astronomical Society, 2015, 448, 522-540.	4.4	5
86	PanSTARRS1 Observations of the Kepler/K2 Campaign 16 and 17 Fields. Research Notes of the AAS, 2018, 2, 178.	0.7	4
87	A Color-locus Method for Mapping $R_{V}$ Using Ensembles of Stars. Astrophysical Journal, 2018, 854, 79.	4.5	2
88	Removal of virtual impactor solutions with precovery data: The case study of 2017 $\hat{X}$ O2. Icarus, 2019, 317, 39-43.	2.5	1
89	Photometric Properties of L and T Dwarf Binaries. Research Notes of the AAS, 2021, 5, 286.	0.7	1
90	A Pan-STARRS1 Search for Substellar Young Moving Group Members. Proceedings of the International Astronomical Union, 2015, 10, 54-57.	0.0	0

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91	Color Variabilities of Spectrally Defined Red QSOs at $z=0.3-1.2$ . <i>Astrophysical Journal</i> , 2018, 855, 66.	4.5	0