William Burgett

List of Publications by Year
in descending order

22 papers	2,491 citations	430874 18 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	5074 citing authors

#	Article	IF	Citations
1	A THREE-DIMENSIONAL MAP OF MILKY WAY DUST. Astrophysical Journal, 2015, 810, 25.	4.5	408
2	The Pan-STARRS wide-field optical/NIR imaging survey. Proceedings of SPIE, 2010, , .	0.8	337
3	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
4	Physical Properties of 15 Quasars at zÂâ‰³Â6.5. Astrophysical Journal, 2017, 849, 91.	4.5	230
5	A systematic search for changing-look quasars in SDSS. Monthly Notices of the Royal Astronomical Society, 2016, 457, 389-404.	4.4	215
6	SUPERCAL: CROSS-CALIBRATION OF MULTIPLE PHOTOMETRIC SYSTEMS TO IMPROVE COSMOLOGICAL MEASUREMENTS WITH TYPE Ia SUPERNOVAE. Astrophysical Journal, 2015, 815, 117.	4.5	117
7	Machine-learned Identification of RR Lyrae Stars from Sparse, Multi-band Data: The PS1 Sample. Astronomical Journal, 2017, 153, 204.	4.7	112
8	Changing-look Quasar Candidates: First Results from Follow-up Spectroscopy of Highly Optically Variable Quasars. Astrophysical Journal, 2019, 874, 8.	4.5	106
9	A NEW DISTANT MILKY WAY GLOBULAR CLUSTER IN THE PAN-STARRS1 3Ï€ SURVEY. Astrophysical Journal Letters, 2014, 786, L3.	8.3	88
10	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
11	A MAP OF DUST REDDENING TO 4.5 kpc FROM Pan-STARRS1. Astrophysical Journal, 2014, 789, 15.	4.5	85
12	Pan-STARRS Pixel Processing: Detrending, Warping, Stacking. Astrophysical Journal, Supplement Series, 2020, 251, 4.	7.7	77
13	Supermassive Black Hole Binary Candidates from the Pan-STARRS1 Medium Deep Survey. Astrophysical Journal, 2019, 884, 36.	4.5	59
14	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
15	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
16	The Profile of the Galactic Halo from Pan-STARRS1 3Ï€ RR Lyrae. Astrophysical Journal, 2018, 859, 31.	4.5	33
17	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
18	Precision Distances to Dwarf Galaxies and Globular Clusters from Pan-STARRS1 3Ï€ RR Lyrae. Astrophysical Journal, 2019, 871, 49.	4.5	20

#	Article	IF	Citations
19	PROBABILITY FRIENDS-OF-FRIENDS (PFOF) GROUP FINDER: PERFORMANCE STUDY AND OBSERVATIONAL DATA APPLICATIONS ON PHOTOMETRIC SURVEYS. Astrophysical Journal, 2014, 788, 109.	4.5	16
20	The Pan-STARRS1 Medium-deep Survey: Star Formation Quenching in Group and Cluster Environments. Astrophysical Journal, 2017, 845, 74.	4.5	15
21	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
22	A Color-locus Method for Mapping R_V Using Ensembles of Stars. Astrophysical Journal, 2018, 854, 79.	4.5	2