List of Publications by Year in descending order

47 papers	9,912 citations	147566 31 h-index	223531 46 g-index
47 all docs	47 docs citations	47 times ranked	9941 citing authors

#	Article	IF	Citations
1	MEASURING REDDENING WITH SLOAN DIGITAL SKY SURVEY STELLAR SPECTRA AND RECALIBRATING SFD. Astrophysical Journal, 2011, 737, 103.	1.6	5,294
2	Overview of the DESI Legacy Imaging Surveys. Astronomical Journal, 2019, 157, 168.	1.9	825
3	A THREE-DIMENSIONAL MAP OF MILKY WAY DUST. Astrophysical Journal, 2015, 810, 25.	1.6	408
4	Galactic reddening in 3D from stellar photometry â€“ an improved map. Monthly Notices of the Royal Astronomical Society, 2018, 478, 651-666.	1.6	337
5	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.	1.6	196
6	A Large Catalog of Accurate Distances to Local Molecular Clouds: The Gaia DR2 Edition. Astrophysical Journal, 2019, 879, 125.	1.6	183
7	ON GALACTIC DENSITY MODELING IN THE PRESENCE OF DUST EXTINCTION. Astrophysical Journal, 2016, 818, 130.	1.6	182
8	The unWISE Catalog: Two Billion Infrared Sources from Five Years of WISE Imaging. Astrophysical Journal, Supplement Series, 2019, 240, 30.	3.0	182
9	THE STELLAR POPULATION STRUCTURE OF THE GALACTIC DISK. Astrophysical Journal, 2016, 823, 30.	1.6	178
10	Ameliorating systematic uncertainties in the angular clustering of galaxies: a study using the SDSS-III. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1350-1373.	1.6	155
11	A compendium of distances to molecular clouds in the Star Formation Handbook. Astronomy and Astrophysics, 2020, 633, A51.	2.1	141
12	THE BLUE TIP OF THE STELLAR LOCUS: MEASURING REDDENING WITH THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, 2010, 725, 1175-1191.	1.6	138
13	Pan-STARRS Photometric and Astrometric Calibration. Astrophysical Journal, Supplement Series, 2020, 251, 6.	3.0	138
14	A NEW FAINT MILKY WAY SATELLITE DISCOVERED IN THE PAN-STARRS1 3 Ï€ SURVEY. Astrophysical Journal Letters, 2015, 802, L18.	3.0	135
15	The CatWISE2020 Catalog. Astrophysical Journal, Supplement Series, 2021, 253, 8.	3.0	131
16	Machine-learned Identification of RR Lyrae Stars from Sparse, Multi-band Data: The PS1 Sample. Astronomical Journal, 2017, 153, 204.	1.9	112
17	A synoptic map of halo substructures from the Pan-STARRS1 3Ï€ survey. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1759-1768.	1.6	97
18	HYPERCALIBRATION: A PAN-STARRS1-BASED RECALIBRATION OF THE SLOAN DIGITAL SKY SURVEY PHOTOMETRY. Astrophysical Journal, 2016, 822, 66.	1.6	91

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19	A NEW DISTANT MILKY WAY GLOBULAR CLUSTER IN THE PAN-STARRS1 3Ï€ SURVEY. Astrophysical Journal Letters, 2014, 786, L3.	3.0	88
20	A Galactic-scale gas wave in the solar neighbourhood. Nature, 2020, 578, 237-239.	13.7	86
21	MEASURING DISTANCES AND REDDENINGS FOR A BILLION STARS: TOWARD A 3D DUST MAP FROM PAN-STARRS 1. Astrophysical Journal, 2014, 783, 114.	1.6	84
22	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.	1.6	81
23	Mapping Distances across the Perseus Molecular Cloud Using CO Observations, Stellar Photometry, and Gaia DR2 Parallax Measurements. Astrophysical Journal, 2018, 869, 83.	1.6	78
24	THE COMPLEX STRUCTURE OF STARS IN THE OUTER GALACTIC DISK AS REVEALED BY PAN-STARRS1. Astrophysical Journal, 2014, 791, 9.	1.6	63
25	THE MILKY WAY TOMOGRAPHY WITH SLOAN DIGITAL SKY SURVEY. IV. DISSECTING DUST. Astrophysical Journal, 2012, 757, 166.	1.6	60
26	FINDING, CHARACTERIZING, AND CLASSIFYING VARIABLE SOURCES IN MULTI-EPOCH SKY SURVEYS: QSOs AND RR LYRAE IN PS1 3Ï€ DATA. Astrophysical Journal, 2016, 817, 73.	1.6	53
27	Serendipitous discovery of a thin stellar stream near the Galactic bulge in the Pan-STARRS1 3Ï€ Survey. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 443, L84-L88.	1.2	51
28	Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey. Astronomical Journal, 2021, 162, 302.	1.9	44
29	PERSEUS I: A DISTANT SATELLITE DWARF GALAXY OF ANDROMEDA. Astrophysical Journal Letters, 2013, 779, L10.	3.0	42
30	unWISE tomography of Planck CMB lensing. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 047-047.	1.9	42
31	MAPPING THE MONOCEROS RING IN 3D WITH PAN-STARRS1. Astrophysical Journal, 2016, 825, 140.	1.6	37
32	Galactic globular and open cluster fiducial sequences in the Pan-STARRS1 photometric system. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2999-3009.	1.6	26
33	THE NATURE AND ORBIT OF THE OPHIUCHUS STREAM. Astrophysical Journal, 2015, 809, 59.	1.6	26
34	Expanding the Y Dwarf Census with Spitzer Follow-up of the Coldest CatWISE Solar Neighborhood Discoveries. Astrophysical Journal, 2020, 889, 74.	1.6	26
35	The Optical/Near-infrared Extinction Law in Highly Reddened Regions. Astrophysical Journal, 2018, 855, 13.	1.6	23
36	Discovery of a Disrupting Open Cluster Far into the Milky Way Halo: A Recent Star Formation Event in the Leading Arm of the Magellanic Stream?. Astrophysical Journal, 2019, 887, 19.	1.6	20

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37	THE TIME-DOMAIN SPECTROSCOPIC SURVEY: UNDERSTANDING THE OPTICALLY VARIABLE SKY WITH SEQUELS IN SDSS-III. Astrophysical Journal, 2016, 825, 137.	1.6	18
38	Deep ugrizY imaging and DEEP2/3 spectroscopy: a photometric redshift testbed for LSST and public release of data from the DEEP3 Galaxy Redshift Survey. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4565-4584.	1.6	12
39	A Reanalysis of Public Galactic Bulge Gravitational Microlensing Events from OGLE-III and -IV. Astrophysical Journal, Supplement Series, 2022, 260, 2.	3.0	7
40	Full-sky unWISE Coadds at Seven Yearsâ€™ Depth. Research Notes of the AAS, 2021, 5, 200.	0.3	4
41	Gravitational Microlensing Event Statistics for the Zwicky Transient Facility. Astrophysical Journal, 2020, 897, 144.	1.6	4
42	Six-year Static Sky unWISE Coadds. Research Notes of the AAS, 2021, 5, 168.	0.3	3
43	Transformations from Pan-STARRS1 and UBV Filters into ZTF Filters. Research Notes of the AAS, 2020, 4, 38.	0.3	3
44	Dynamic Observing and Tiling Strategies for the DESI Legacy Surveys. Astronomical Journal, 2020, 160, 61.	1.9	3
45	Eight-year Full-depth unWISE Coadds. Research Notes of the AAS, 2022, 6, 62.	0.3	3
46	A Color-locus Method for Mapping R_V Using Ensembles of Stars. Astrophysical Journal, 2018, 854, 79.	1.6	2
47	Pan-STARRS1 as pilot-survey for panoptic time-domain science. Proceedings of the International Astronomical Union, 2016, 12, 118-121.	0.0	0