Aaron M Meisner

List of Publications by Year
in descending order

53	2,595	236925 25	182427 51
papers	citations	h-index	g-index

53	53	53	3940
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Overview of the DESI Legacy Imaging Surveys. Astronomical Journal, 2019, 157, 168.	4.7	825
2	The unWISE Catalog: Two Billion Infrared Sources from Five Years of WISE Imaging. Astrophysical Journal, Supplement Series, 2019, 240, 30.	7.7	182
3	The CatWISE2020 Catalog. Astrophysical Journal, Supplement Series, 2021, 253, 8.	7.7	131
4	The DECam Plane Survey: Optical Photometry of Two Billion Objects in the Southern Galactic Plane. Astrophysical Journal, Supplement Series, 2018, 234, 39.	7.7	111
5	A Mid-IR Selected Changing-look Quasar and Physical Scenarios for Abrupt AGN Fading. Astrophysical Journal, 2018, 864, 27.	4.5	109
6	The Field Substellar Mass Function Based on the Full-sky 20 pc Census of 525 L, T, and Y Dwarfs. Astrophysical Journal, Supplement Series, 2021, 253, 7.	7.7	87
7	MODELING THERMAL DUST EMISSION WITH TWO COMPONENTS: APPLICATION TO THEPLANCKHIGH FREQUENCY INSTRUMENT MAPS. Astrophysical Journal, 2015, 798, 88.	4.5	76
8	Deep Full-sky Coadds from Three Years of WISE and NEOWISE Observations. Astronomical Journal, 2017, 154, 161.	4.7	70
9	A Mildly Relativistic Outflow from the Energetic, Fast-rising Blue Optical Transient CSS161010 in a Dwarf Galaxy. Astrophysical Journal Letters, 2020, 895, L23.	8.3	70
10	The CatWISE Preliminary Catalog: Motions from WISE and NEOWISE Data. Astrophysical Journal, Supplement Series, 2020, 247, 69.	7.7	63
11	A FULL-SKY, HIGH-RESOLUTION ATLAS OF GALACTIC 12 Î¼m DUST EMISSION WITHWISE. Astrophysical Journal, 2014, 781, 5.	4.5	60
12	The First Brown Dwarf Discovered by the Backyard Worlds: Planet 9 Citizen Science Project. Astrophysical Journal Letters, 2017, 841, L19.	8.3	59
13	Finding Strong Gravitational Lenses in the DESI DECam Legacy Survey. Astrophysical Journal, 2020, 894, 78.	4.5	51
14	Time-resolved WISE/NEOWISE Coadds. Astronomical Journal, 2018, 156, 69.	4.7	49
15	Preliminary Target Selection for the DESI Luminous Red Galaxy (LRG) Sample. Research Notes of the AAS, 2020, 4, 181.	0.7	46
16	IMAGING REDSHIFT ESTIMATES FOR BL LACERTAE OBJECTS. Astrophysical Journal, 2010, 712, 14-25.	4.5	43
17	Preliminary Target Selection for the DESI Bright Galaxy Survey (BGS). Research Notes of the AAS, 2020, 4, 187.	0.7	40
18	Discovering New Strong Gravitational Lenses in the DESI Legacy Imaging Surveys. Astrophysical Journal, 2021, 909, 27.	4.5	38

#	Article	IF	Citations
19	Preliminary Target Selection for the DESI Quasar (QSO) Sample. Research Notes of the AAS, 2020, 4, 179.	0.7	38
20	Preliminary Target Selection for the DESI Milky Way Survey (MWS). Research Notes of the AAS, 2020, 4, 188.	0.7	38
21	Preliminary Target Selection for the DESI Emission Line Galaxy (ELG) Sample. Research Notes of the AAS, 2020, 4, 180.	0.7	34
22	A 3 Gyr White Dwarf with Warm Dust Discovered via the Backyard Worlds: Planet 9 Citizen Science Project. Astrophysical Journal Letters, 2019, 872, L25.	8.3	28
23	Spitzer Follow-up of Extremely Cold Brown Dwarfs Discovered by the Backyard Worlds: Planet 9 Citizen Science Project. Astrophysical Journal, 2020, 899, 123.	4.5	28
24	Second Data Release of the All-sky NOIRLab Source Catalog. Astronomical Journal, 2021, 161, 192.	4.7	26
25	Expanding the Y Dwarf Census with Spitzer Follow-up of the Coldest CatWISE Solar Neighborhood Discoveries. Astrophysical Journal, 2020, 889, 74.	4.5	26
26	Another unWISE Update: The Deepest Ever Full-sky Maps at 3â€“5â€‰Î¼m. Research Notes of the AAS, 2018, 2, 1.	0.7	26
27	WISEA J041451.67â€“585456.7 and WISEA J181006.18â€“101000.5: The First Extreme T-type Subdwarfs?. Astrophysical Journal, 2020, 898, 77.	4.5	24
28	WISE 2150-7520AB: A Very Low-mass, Wide Comoving Brown Dwarf System Discovered through the Citizen Science Project Backyard Worlds: Planet 9*. Astrophysical Journal, 2020, 889, 176.	4.5	22
29	THE METALLICITY OF THE MONOCEROS STREAM. Astrophysical Journal, 2012, 753, 116.	4.5	18
30	WISEA J083011.95+283716.0: A Missing Link Planetary-mass Object. Astrophysical Journal, 2020, 895, 145.	4.5	18
31	CWISEP J193518.59â€“154620.3: An Extremely Cold Brown Dwarf in the Solar Neighborhood Discovered with CatWISE. Astrophysical Journal, 2019, 881, 17.	4.5	17
32	New Candidate Extreme T Subdwarfs from the Backyard Worlds: Planet 9 Citizen Science Project. Astrophysical Journal, 2021, 915, 120.	4.5	17
33	More unWISE Coadd Epochs from 2016 NEOWISE-reactivation Imaging. Research Notes of the AAS, 2018, 2, 202.	0.7	17
34	A 3Ï€ÂSearch for Planet Nine at 3.4 Î¼m with WISE and NEOWISE. Astronomical Journal, 2018, 155, 166.	4.7	14
35	Improved Infrared Photometry and a Preliminary Parallax Measurement for the Extremely Cold Brown Dwarf CWISEP J144606.62-231717.8. Astrophysical Journal Letters, 2020, 888, L19.	8.3	11
36	The Enigmatic Brown Dwarf WISEA J153429.75-104303.3 (a.k.a. â€œThe Accidentâ€). Astrophysical Journal Letters, 2021, 915, L6.	8.3	11

#	Article	IF	Citations
37	Ross 19B: An Extremely Cold Companion Discovered via the Backyard Worlds: Planet 9 Citizen Science Project. Astrophysical Journal, 2021, 921, 140.	4.5	9
38	A Wide Planetary Mass Companion Discovered through the Citizen Science Project Backyard Worlds: Planet 9. Astrophysical Journal, 2021, 923, 48.	4.5	9
39	Multilayered Monolithic Silicon Photonic Crystals. IEEE Photonics Technology Letters, 2011, 23, 730-732.	2.5	7
40	CWISE J014611.20â€“050850.0AB: The Widest Known Brown Dwarf Binary in the Field. Astrophysical Journal Letters, 2022, 926, L12.	8.3	5
41	Discovery of 34 Low-mass Comoving Systems Using NOIRLab Source Catalog DR2. Astronomical Journal, 2022, 164, 3.	4.7	5
42	Identification of a Low-mass Companion to the White Dwarf SDSS J131730.84+483332.7. Research Notes of the AAS, 2021, 5, 76.	0.7	4
43	Full-sky unWISE Coadds at Seven Yearsâ€™ Depth. Research Notes of the AAS, 2021, 5, 200.	0.7	4
44	Backyard Worlds: Planet 9 Discovery of an Unusual Low-mass Companion to an M Dwarf at 80 pc. Research Notes of the AAS, 2021, 5, 18.	0.7	4
45	Discovery of CWISE J052306.42â˜’015355.4, an Extreme T Subdwarf Candidate. Astronomical Journal, 2022, 163, 47.	4.7	4
46	Discovery of 16 New Members of the Solar Neighborhood Using Proper Motions from CatWISE2020. Astronomical Journal, 2022, 163, 116.	4.7	4
47	Six-year Static Sky unWISE Coadds. Research Notes of the AAS, 2021, 5, 168.	0.7	3
48	Discovery of a Nearby Young Brown Dwarf Disk. Astronomical Journal, 2020, 160, 156.	4.7	3
49	Dynamic Observing and Tiling Strategies for the DESI Legacy Surveys. Astronomical Journal, 2020, 160, 61.	4.7	3
50	Eight-year Full-depth unWISE Coadds. Research Notes of the AAS, 2022, 6, 62.	0.7	3
51	Discovery of a Low-mass Comoving System Using NOIRLab Source Catalog DR2. Research Notes of the AAS, 2021, 5, 196.	0.7	2
52	A Secure W2 Detection of WD 0806-661B from CatWISE. Research Notes of the AAS, 2018, 2, 140.	0.7	2
53	WDJ220838.73+454434.04: a White Dwarf Companion in the AR Lacertae System. Research Notes of the AAS, 2022, 6, 127.	0.7	1