

Adam C Schneider

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

3,263
citations

117625

34
h-index

168389

53
g-index

86
all docs

86
docs citations

86
times ranked

2377
citing authors

#	ARTICLE	IF	CITATIONS
1	The Gemini Planet Imager Exoplanet Survey: Giant Planet and Brown Dwarf Demographics from 10 to 100 au. <i>Astronomical Journal</i> , 2019, 158, 13.	4.7	270
2	THE ALLWISE MOTION SURVEY AND THE QUEST FOR COLD SUBDWARFS. <i>Astrophysical Journal</i> , 2014, 783, 122.	4.5	118
3	Characterizing 51 Eri b from 1 to 5 μ m: A Partly Cloudy Exoplanet. <i>Astronomical Journal</i> , 2017, 154, 10.	4.7	110
4	μ PICTORIS TM INNER DISK IN POLARIZED LIGHT AND NEW ORBITAL PARAMETERS FOR μ PICTORIS b. <i>Astrophysical Journal</i> , 2015, 811, 18.	4.5	108
5	Complex Spiral Structure in the HD 100546 Transitional Disk as Revealed by GPI and MagAO. <i>Astronomical Journal</i> , 2017, 153, 264.	4.7	99
6	Orbits for the Impatient: A Bayesian Rejection-sampling Method for Quickly Fitting the Orbits of Long-period Exoplanets. <i>Astronomical Journal</i> , 2017, 153, 229.	4.7	98
7	Improving and Assessing Planet Sensitivity of the GPI Exoplanet Survey with a Forward Model Matched Filter. <i>Astrophysical Journal</i> , 2017, 842, 14.	4.5	96
8	Dynamical Constraints on the HR 8799 Planets with GPI. <i>Astronomical Journal</i> , 2018, 156, 192.	4.7	95
9	2.4 μ m Near-IR Spectrum of the Giant Planet μ Pictoris b Obtained with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2017, 153, 182.	4.7	92
10	The Field Substellar Mass Function Based on the Full-sky 20 pc Census of 525 L, T, and Y Dwarfs. <i>Astrophysical Journal</i> , Supplement Series, 2021, 253, 7.	7.7	87
11	Preliminary Trigonometric Parallaxes of 184 Late-T and Y Dwarfs and an Analysis of the Field Substellar Mass Function into the "Planetary" Mass Regime. <i>Astrophysical Journal</i> , Supplement Series, 2019, 240, 19.	7.7	83
12	An Optical/Near-infrared Investigation of HD 100546 b with the Gemini Planet Imager and MagAO. <i>Astronomical Journal</i> , 2017, 153, 244.	4.7	81
13	DIRECT IMAGING OF AN ASYMMETRIC DEBRIS DISK IN THE HD 106906 PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2015, 814, 32.	4.5	79
14	ASTROMETRIC CONFIRMATION AND PRELIMINARY ORBITAL PARAMETERS OF THE YOUNG EXOPLANET 51 ERIDANI b WITH THE GEMINI PLANET IMAGER. <i>Astrophysical Journal Letters</i> , 2015, 814, L3.	8.3	77
15	DISCOVERY OF THE YOUNG L DWARF WISE J174102.78+464225.5. <i>Astronomical Journal</i> , 2014, 147, 34.	4.7	75
16	THE ALLWISE MOTION SURVEY, PART 2. <i>Astrophysical Journal</i> , Supplement Series, 2016, 224, 36.	7.7	70
17	HUBBLE SPACE TELESCOPE SPECTROSCOPY OF BROWN DWARFS DISCOVERED WITH THE WIDE-FIELD INFRARED SURVEY EXPLORER. <i>Astrophysical Journal</i> , 2015, 804, 92.	4.5	67
18	Debris Disk Results from the Gemini Planet Imager Exoplanet Survey's Polarimetric Imaging Campaign. <i>Astronomical Journal</i> , 2020, 160, 24.	4.7	64

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19	DISCOVERY OF A SUBSTELLAR COMPANION TO THE NEARBY DEBRIS DISK HOST HR 2562. <i>Astrophysical Journal Letters</i> , 2016, 829, L4.	8.3	60
20	WISEA J114724.10-204021.3: A FREE-FLOATING PLANETARY MASS MEMBER OF THE TW HYA ASSOCIATION. <i>Astrophysical Journal Letters</i> , 2016, 822, L1.	8.3	59
21	The First Brown Dwarf Discovered by the Backyard Worlds: Planet 9 Citizen Science Project. <i>Astrophysical Journal Letters</i> , 2017, 841, L19.	8.3	59
22	HAZMAT. IV. Flares and Superflares on Young M Stars in the Far Ultraviolet*. <i>Astrophysical Journal</i> , 2018, 867, 70.	4.5	54
23	Evidence That the Directly Imaged Planet HD 131399 Ab Is a Background Star. <i>Astronomical Journal</i> , 2017, 154, 218.	4.7	52
24	GPI Spectra of HR 8799 c, d, and e from 1.5 to 2.4 μ m with KLIP Forward Modeling. <i>Astronomical Journal</i> , 2018, 155, 226.	4.7	50
25	A Uniform Retrieval Analysis of Ultra-cool Dwarfs. III. Properties of Y Dwarfs. <i>Astrophysical Journal</i> , 2019, 877, 24.	4.5	50
26	TW HYA ASSOCIATION MEMBERSHIP AND NEW WISE-DETECTED CIRCUMSTELLAR DISKS. <i>Astrophysical Journal</i> , 2012, 754, 39.	4.5	47
27	ASASSN-14ko is a Periodic Nuclear Transient in ESO 253-G003. <i>Astrophysical Journal</i> , 2021, 910, 125.	4.5	45
28	HAZMAT. III. The UV Evolution of Mid- to Late-M Stars with GALEX. <i>Astronomical Journal</i> , 2018, 155, 122.	4.7	44
29	A PROPER MOTION SURVEY USING THE FIRST SKY PASS OF NEOWISE-REACTIVATION DATA. <i>Astrophysical Journal</i> , 2016, 817, 112.	4.5	43
30	IDENTIFYING NEARBY, YOUNG, LATE-TYPE STARS BY MEANS OF THEIR CIRCUMSTELLAR DISKS. <i>Astrophysical Journal</i> , 2012, 757, 163.	4.5	42
31	ACRONYM. III. Radial Velocities for 336 Candidate Young Low-mass Stars in the Solar Neighborhood, Including 77 Newly Confirmed Young Moving Group Members. <i>Astronomical Journal</i> , 2019, 157, 234.	4.7	42
32	Observations of Disequilibrium CO Chemistry in the Coldest Brown Dwarfs. <i>Astronomical Journal</i> , 2020, 160, 63.	4.7	42
33	DISCOVERY OF THE Y1 DWARF WISE J064723.23â€“623235.5. <i>Astrophysical Journal</i> , 2013, 776, 128.	4.5	37
34	A 2MASS/AllWISE Search for Extremely Red L Dwarfs: The Discovery of Several Likely L Type Members of ρ Pic, AB Dor, Tuc-Hor, Argus, and the Hyades. <i>Astronomical Journal</i> , 2017, 153, 196.	4.7	35
35	An Exoâ€“Kuiper Belt with an Extended Halo around HD 191089 in Scattered Light. <i>Astrophysical Journal</i> , 2019, 882, 64.	4.5	34
36	Current Population Statistics Do Not Favor Photoevaporation over Core-powered Mass Loss as the Dominant Cause of the Exoplanet Radius Gap. <i>Astrophysical Journal</i> , 2020, 890, 23.	4.5	34

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37	The Gemini Planet Imager Exoplanet Survey: Dynamical Mass of the Exoplanet $\hat{1}^2$ Pictoris b from Combined Direct Imaging and Astrometry. <i>Astronomical Journal</i> , 2020, 159, 71.	4.7	29
38	DYNAMICAL MASS MEASUREMENT OF THE YOUNG SPECTROSCOPIC BINARY V343 NORMAE AaAb RESOLVED WITH THE GEMINI PLANET IMAGER. <i>Astronomical Journal</i> , 2016, 152, 175.	4.7	28
39	Direct Imaging of the HD 35841 Debris Disk: A Polarized Dust Ring from Gemini Planet Imager and an Outer Halo from HST/STIS. <i>Astronomical Journal</i> , 2018, 156, 47.	4.7	28
40	A 3 Gyr White Dwarf with Warm Dust Discovered via the Backyard Worlds: Planet 9 Citizen Science Project. <i>Astrophysical Journal Letters</i> , 2019, 872, L25.	8.3	28
41	Spitzer Follow-up of Extremely Cold Brown Dwarfs Discovered by the Backyard Worlds: Planet 9 Citizen Science Project. <i>Astrophysical Journal</i> , 2020, 899, 123.	4.5	28
42	Y Dwarf Trigonometric Parallaxes from the Spitzer Space Telescope. <i>Astrophysical Journal</i> , 2018, 867, 109.	4.5	25
43	HAZMAT VI: The Evolution of Extreme Ultraviolet Radiation Emitted from Early M Stars. <i>Astrophysical Journal</i> , 2020, 895, 5.	4.5	25
44	HAZMAT. V. The Ultraviolet and X-Ray Evolution of K Stars. <i>Astrophysical Journal</i> , 2019, 872, 17.	4.5	24
45	WISEA J041451.67â€“585456.7 and WISEA J181006.18â€“101000.5: The First Extreme T-type Subdwarfs?. <i>Astrophysical Journal</i> , 2020, 898, 77.	4.5	24
46	WISE 2150-7520AB: A Very Low-mass, Wide Comoving Brown Dwarf System Discovered through the Citizen Science Project Backyard Worlds: Planet 9*. <i>Astrophysical Journal</i> , 2020, 889, 176.	4.5	22
47	Multiband Polarimetric Imaging of HR 4796A with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020, 160, 79.	4.7	22
48	An ALMA survey for disks orbiting low-mass stars in the TW Hya Association. <i>Astronomy and Astrophysics</i> , 2015, 582, L5.	5.1	21
49	Estimating the Ultraviolet Emission of M Dwarfs with Exoplanets from Ca ii and H $\hat{1}$ ±. <i>Astronomical Journal</i> , 2020, 160, 269.	4.7	21
50	Wolf 1130: A Nearby Triple System Containing a Cool, Ultramassive White Dwarf. <i>Astrophysical Journal</i> , 2018, 854, 145.	4.5	20
51	IMAGING AN 80 au RADIUS DUST RING AROUND THE F5V STAR HD 157587. <i>Astronomical Journal</i> , 2016, 152, 128.	4.7	19
52	The Gemini Planet Imager View of the HD 32297 Debris Disk. <i>Astronomical Journal</i> , 2020, 159, 251.	4.7	19
53	WISEA J083011.95+283716.0: A Missing Link Planetary-mass Object. <i>Astrophysical Journal</i> , 2020, 895, 145.	4.5	18
54	THE COLLAPSE OF THE WIEN TAIL IN THE COLDEST BROWN DWARF? HUBBLE SPACE TELESCOPE NEAR-INFRARED PHOTOMETRY OF WISE J085510.83â€“071442.5. <i>Astrophysical Journal Letters</i> , 2016, 823, L35.	8.3	17

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55	New Candidate Extreme T Subdwarfs from the Backyard Worlds: Planet 9 Citizen Science Project. <i>Astrophysical Journal</i> , 2021, 915, 120.	4.5	17
56	An Updated Visual Orbit of the Directly Imaged Exoplanet 51 Eridani b and Prospects for a Dynamical Mass Measurement with Gaia. <i>Astronomical Journal</i> , 2020, 159, 1.	4.7	16
57	Integral Field Spectroscopy of the Low-mass Companion HD 984 B with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2017, 153, 190.	4.7	15
58	Spitzer Light Curves of the Young, Planetary-mass TW Hya Members 2MASS J11193254+1137466AB and WISEA J114724.10+204021.3. <i>Astronomical Journal</i> , 2018, 155, 238.	4.7	15
59	On the Detection of Exomoons Transiting Isolated Planetary-mass Objects. <i>Astrophysical Journal Letters</i> , 2021, 918, L25.	8.3	15
60	Revised astrometric calibration of the Gemini Planet Imager. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2020, 6, 1.	1.8	15
61	HAZMAT. VII. The Evolution of Ultraviolet Emission with Age and Rotation for Early M Dwarf Stars. <i>Astrophysical Journal</i> , 2021, 907, 91.	4.5	14
62	Measuring and Replicating the $1\text{--}20\ \mu\text{m}$ Energy Distributions of the Coldest Brown Dwarfs: Rotating, Turbulent, and Nonadiabatic Atmospheres. <i>Astrophysical Journal</i> , 2021, 918, 11.	4.5	12
63	First Resolved Scattered-light Images of Four Debris Disks in Scorpius-Centaurus with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020, 159, 31.	4.7	12
64	The Enigmatic Brown Dwarf WISEA J153429.75-104303.3 (a.k.a. "The Accident"). <i>Astrophysical Journal Letters</i> , 2021, 915, L6.	8.3	11
65	Spectroscopic Follow-up of Discoveries from the NEOWISE Proper Motion Survey. <i>Astronomical Journal</i> , 2019, 158, 182.	4.7	11
66	$L\gamma$ Observations of High Radial Velocity Low-mass Stars Ross 1044 and Ross 825. <i>Astrophysical Journal</i> , 2019, 886, 19.	4.5	9
67	An Improved Near-infrared Spectrum of the Archetype Y Dwarf WISEP J182831.08+265037.8. <i>Astrophysical Journal</i> , 2021, 920, 20.	4.5	9
68	Ross 198: An Extremely Cold Companion Discovered via the Backyard Worlds: Planet 9 Citizen Science Project. <i>Astrophysical Journal</i> , 2021, 921, 140.	4.5	9
69	A Wide Planetary Mass Companion Discovered through the Citizen Science Project Backyard Worlds: Planet 9. <i>Astrophysical Journal</i> , 2021, 923, 48.	4.5	9
70	Imaging the 44 au Kuiper Belt Analog Debris Ring around HD 141569A with GPI Polarimetry. <i>Astronomical Journal</i> , 2020, 159, 53.	4.7	8
71	HAZMAT. VIII. A Spectroscopic Analysis of the Ultraviolet Evolution of K Stars: Additional Evidence for K Dwarf Rotational Stalling in the First Gigayear. <i>Astrophysical Journal</i> , 2022, 929, 169.	4.5	7
72	Detection of a Low-mass Stellar Companion to the Accelerating A2IV Star HR 1645. <i>Astronomical Journal</i> , 2019, 158, 226.	4.7	5

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73	CWISE J014611.20+050850.0AB: The Widest Known Brown Dwarf Binary in the Field. <i>Astrophysical Journal Letters</i> , 2022, 926, L12.	8.3	5
74	Discovery of 34 Low-mass Comoving Systems Using NOIRLab Source Catalog DR2. <i>Astronomical Journal</i> , 2022, 164, 3.	4.7	5
75	Identification of a Low-mass Companion to the White Dwarf SDSS J131730.84+483332.7. <i>Research Notes of the AAS</i> , 2021, 5, 76.	0.7	4
76	Backyard Worlds: Planet 9 Discovery of an Unusual Low-mass Companion to an M Dwarf at 80 pc. <i>Research Notes of the AAS</i> , 2021, 5, 18.	0.7	4
77	Discovery of CWISE J052306.42+015355.4, an Extreme T Subdwarf Candidate. <i>Astronomical Journal</i> , 2022, 163, 47.	4.7	4
78	Discovery of 16 New Members of the Solar Neighborhood Using Proper Motions from CatWISE2020. <i>Astronomical Journal</i> , 2022, 163, 116.	4.7	4
79	Performance of the Gemini Planet Imager Non-redundant Mask and Spectroscopy of Two Close-separation Binaries: HR 2690 and HD 142527. <i>Astronomical Journal</i> , 2019, 157, 249.	4.7	3
80	Discovery of a Nearby Young Brown Dwarf Disk. <i>Astronomical Journal</i> , 2020, 160, 156.	4.7	3
81	Discovery of a Low-mass Comoving System Using NOIRLab Source Catalog DR2. <i>Research Notes of the AAS</i> , 2021, 5, 196.	0.7	2
82	Substellar Hyades Candidates from the UKIRT Hemisphere Survey. <i>Astronomical Journal</i> , 2022, 163, 242.	4.7	2
83	HD 165054: An Astrometric Calibration Field for High-contrast Imagers in Baade's Window. <i>Astronomical Journal</i> , 2020, 159, 244.	4.7	1
84	WDJ220838.73+454434.04: a White Dwarf Companion in the AR Lacertae System. <i>Research Notes of the AAS</i> , 2022, 6, 127.	0.7	1
85	Identification of a White Dwarf Companion in the V* HP Dra System. <i>Research Notes of the AAS</i> , 2021, 5, 170.	0.7	0