

# Adam Burgasser

## List of Publications by Year in descending order

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293  
papers

24,891  
citations

6233

80  
h-index

8370

147  
g-index

296  
all docs

296  
docs citations

296  
times ranked

9582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reading Research for Writing: Co-Constructing Core Skills Using Primary Literature. <i>Impacting Education Journal on Transforming Professional Practice</i> , 2022, 7, 47-58.	0.3	1
2	Beyond the Local Volume. I. Surface Densities of Ultracool Dwarfs in Deep HST/WFC3 Parallel Fields. <i>Astrophysical Journal</i> , 2022, 924, 114.	1.6	10
3	An Early-time Optical and Ultraviolet Excess in the Type-Ic SN 2020oi. <i>Astrophysical Journal</i> , 2022, 924, 55.	1.6	22
4	CWISE J014611.20+050850.0AB: The Widest Known Brown Dwarf Binary in the Field. <i>Astrophysical Journal Letters</i> , 2022, 926, L12.	3.0	5
5	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 35.	3.0	405
6	Applying Random Forest Classification to Ultracool Dwarf Discovery in Deep Surveys. II. Color Classification with PanSTARRS, 2MASS, UKIDSS, and WISE Photometry. <i>Research Notes of the AAS</i> , 2022, 6, 75.	0.3	2
7	Applying Random Forest Classification to Ultracool Dwarf Discovery in Deep Surveys. I. Color Classification with SDSS, UKIDSS, and WISE Photometry. <i>Research Notes of the AAS</i> , 2022, 6, 74.	0.3	1
8	The HST Large Program on $\epsilon$ Centauri. V. Exploring the Ultracool Dwarf Population with Stellar Atmosphere and Evolutionary Modeling. <i>Astrophysical Journal</i> , 2022, 930, 24.	1.6	6
9	Retrieval Study of Brown Dwarfs across the L-T Sequence. <i>Astrophysical Journal</i> , 2022, 930, 136.	1.6	14
10	<i>TESS</i> discovery of a sub-Neptune orbiting a mid-M dwarf TOI-2136. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 4120-4139.	1.6	13
11	A Self-consistent Model for Brown Dwarf Populations. <i>Astrophysical Journal</i> , 2022, 932, 96.	1.6	3
12	Discovery of 34 Low-mass Comoving Systems Using NOIRLab Source Catalog DR2. <i>Astronomical Journal</i> , 2022, 164, 3.	1.9	5
13	Investigating the Nature of the Luminous Ambiguous Nuclear Transient ASASSN-17jz. <i>Astrophysical Journal</i> , 2022, 933, 196.	1.6	9
14	Spectroscopic Confirmation of an M6 Dwarf Companion to the Nearby Star BD-08 2582. <i>Research Notes of the AAS</i> , 2021, 5, 26.	0.3	0
15	The Field Substellar Mass Function Based on the Full-sky 20 pc Census of 525 L, T, and Y Dwarfs. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 7.	3.0	87
16	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.	0.3	4
17	Weather on Other Worlds. V. The Three Most Rapidly Rotating Ultra-cool Dwarfs. <i>Astronomical Journal</i> , 2021, 161, 224.	1.9	30
18	The <i>HST</i> large programme on $\epsilon$ Centauri – IV. Catalogue of two external fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3549-3561.	1.6	9

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19	New Candidate Extreme T Subdwarfs from the Backyard Worlds: Planet 9 Citizen Science Project. <i>Astrophysical Journal</i> , 2021, 915, 120.	1.6	17
20	A large sub-Neptune transiting the thick-disk M4 V TOI-2406. <i>Astronomy and Astrophysics</i> , 2021, 653, A97.	2.1	20
21	Refining the Transit-timing and Photometric Analysis of TRAPPIST-1: Masses, Radii, Densities, Dynamics, and Ephemerides. <i>Planetary Science Journal</i> , 2021, 2, 1.	1.5	161
22	Ross 19B: An Extremely Cold Companion Discovered via the Backyard Worlds: Planet 9 Citizen Science Project. <i>Astrophysical Journal</i> , 2021, 921, 140.	1.6	9
23	Ammonia-methane ratios from <i>H</i> -band near-infrared spectra of late-T and Y dwarfs. <i>Astronomy and Astrophysics</i> , 2021, 655, L3.	2.1	2
24	The Brown Dwarf Kinematics Project (BDKP). V. Radial and Rotational Velocities of T Dwarfs from Keck/NIRSPEC High-resolution Spectroscopy. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 45.	3.0	20
25	Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey. <i>Astronomical Journal</i> , 2021, 162, 302.	1.9	44
26	A Wide Planetary Mass Companion Discovered through the Citizen Science Project Backyard Worlds: Planet 9. <i>Astrophysical Journal</i> , 2021, 923, 48.	1.6	9
27	WISEA J083011.95+283716.0: A Missing Link Planetary-mass Object. <i>Astrophysical Journal</i> , 2020, 895, 145.	1.6	18
28	<i>K2</i> Ultracool Dwarfs Survey VI. White light superflares observed on an L5 dwarf and flare rates of L dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5751-5760.	1.6	12
29	The Gaia Ultra-Cool Dwarf Sample III: seven new multiple systems containing at least one <i>Gaia</i> DR2 ultracool dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4891-4906.	1.6	6
30	Astrometric orbits of spectral binary brown dwarfs I. Massive T dwarf companions to 2M1059 <sup>+21</sup> and 2M0805+48. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1136-1147.	1.6	11
31	Cloud Atlas: High-precision HST/WFC3/IR Time-resolved Observations of Directly Imaged Exoplanet HD 106906b. <i>Astronomical Journal</i> , 2020, 159, 140.	1.9	13
32	Helios-r2: A New Bayesian, Open-source Retrieval Model for Brown Dwarfs and Exoplanet Atmospheres. <i>Astrophysical Journal</i> , 2020, 890, 174.	1.6	54
33	An eclipsing substellar binary in a young triple system discovered by SPECULOOS. <i>Nature Astronomy</i> , 2020, 4, 650-657.	4.2	24
34	To degeneracy and back. <i>Nature Physics</i> , 2020, 16, 376-377.	6.5	1
35	Stellar Characterization of M Dwarfs from the APOGEE Survey: A Calibrator Sample for M-dwarf Metallicities. <i>Astrophysical Journal</i> , 2020, 890, 133.	1.6	26
36	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	3.0	826

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37	Cloud Atlas: Weak Color Modulations Due to Rotation in the Planetary-mass Companion GU Psc b and 11 Other Brown Dwarfs. <i>Astronomical Journal</i> , 2020, 159, 125.	1.9	16
38	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.	1.6	22
39	EXTrAS discovery of an X-ray superflare from an L dwarf. <i>Astronomy and Astrophysics</i> , 2020, 634, L13.	2.1	16
40	The Extreme CNO-enhanced Composition of the Primitive Iron-poor Dwarf Star J0815+4729*. <i>Astrophysical Journal Letters</i> , 2020, 889, L13.	3.0	10
41	Individual dynamical masses of DENIS J063001.4 <sup>h</sup> 184014AB reveal a likely young brown dwarf triple. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 5453-5461.	1.6	6
42	Supervised Machine Learning for Intercomparison of Model Grids of Brown Dwarfs: Application to GJ 570D and the Epsilon Indi B Binary System. <i>Astronomical Journal</i> , 2020, 159, 6.	1.9	22
43	Information Content of JWST NIRSpec Transmission Spectra of Warm Neptunes. <i>Astronomical Journal</i> , 2020, 160, 15.	1.9	16
44	Temperatures and Metallicities of M Dwarfs in the APOGEE Survey. <i>Astrophysical Journal</i> , 2020, 892, 31.	1.6	33
45	WISEA J041451.67 <sup>h</sup> 585456.7 and WISEA J181006.18 <sup>h</sup> 101000.5: The First Extreme T-type Subdwarfs?. <i>Astrophysical Journal</i> , 2020, 898, 77.	1.6	24
46	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.	1.6	28
47	The Effect of Land Albedo on the Climate of Land-dominated Planets in the TRAPPIST-1 System. <i>Astrophysical Journal</i> , 2020, 904, 124.	1.6	12
48	WISE J135501.90-825838.9 is a Nearby, Young, Extremely Low-mass Substellar Binary. <i>Research Notes of the AAS</i> , 2020, 4, 67.	0.3	2
49	Ultracool dwarfs in deep extragalactic surveys using the virtual observatory: ALHAMBRA and COSMOS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 281-290.	1.6	5
50	A New Grid of Model Atmospheres for Metal-poor Ultracool Brown Dwarfs. <i>Research Notes of the AAS</i> , 2020, 4, 214.	0.3	4
51	<i>H</i> -band discovery of additional second-generation stars in the Galactic bulge globular cluster NGC 6522 as observed by APOGEE and <i>Gaia</i> . <i>Astronomy and Astrophysics</i> , 2019, 627, A178.	2.1	24
52	Evolutionary Models for Ultracool Dwarfs. <i>Astrophysical Journal</i> , 2019, 879, 94.	1.6	19
53	The HST large programme on NGC 6752. III. Detection of the peak of the white dwarf luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3857-3865.	1.6	6
54	The <i>HST</i> Large Programme on NGC 6752. I. Serendipitous discovery of a dwarf Galaxy in background. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 484, L54-L58.	1.2	2

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55	Cloud Atlas: High-contrast Time-resolved Observations of Planetary-mass Companions. <i>Astronomical Journal</i> , 2019, 157, 128.	1.9	21
56	Primeval very low-mass stars and brown dwarfs â€“ V. A halo L3 subdwarf with prograde eccentric orbit in the Galactic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1840-1846.	1.6	3
57	Thermo-compositional Diabatic Convection in the Atmospheres of Brown Dwarfs and in Earthâ€™s Atmosphere and Oceans. <i>Astrophysical Journal</i> , 2019, 876, 144.	1.6	36
58	2MASS J10274572+0629104: the very short period young M6 dwarf binary system identified in K2 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4144-4148.	1.6	3
59	Cloud Atlas: Hubble Space Telescope Near-infrared Spectral Library of Brown Dwarfs, Planetary-mass Companions, and Hot Jupiters. <i>Astronomical Journal</i> , 2019, 157, 101.	1.9	32
60	Primeval very low-mass stars and brown dwarfs â€“ VI. Population properties of metal-poor degenerate brown dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1260-1282.	1.6	23
61	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.	3.0	28
62	Cloud Atlas: Rotational Spectral Modulations and Potential Sulfide Clouds in the Planetary-mass, Late T-type Companion Ross 458C. <i>Astrophysical Journal Letters</i> , 2019, 875, L15.	3.0	27
63	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	3.0	299
64	K2 Ultracool Dwarfs Survey â€“ V. High superflare rates on rapidly rotating late-M dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1438-1447.	1.6	21
65	The <i>HST</i> Large Programme on NGCâ€™6752 â€“ II. Multiple populations at the bottom of the main sequence probed in NIR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4046-4053.	1.6	25
66	The Ultracool SpeXtoscopic Survey. I. Volume-limited Spectroscopic Sample and Luminosity Function of M7â€™L5 Ultracool Dwarfs. <i>Astrophysical Journal</i> , 2019, 883, 205.	1.6	34
67	Towards inclusive practices with indigenous knowledge. <i>Nature Astronomy</i> , 2019, 3, 1035-1037.	4.2	8
68	Why I teach growth mindset. <i>Nature Astronomy</i> , 2019, 3, 1038-1040.	4.2	2
69	Spectroscopic Follow-up of Discoveries from the NEOWISE Proper Motion Survey. <i>Astronomical Journal</i> , 2019, 158, 182.	1.9	11
70	Cloud Atlas: Variability in and out of the Water Band in the Planetary-mass HD 203030B Points to Cloud Sedimentation in Low-gravity L Dwarfs. <i>Astrophysical Journal</i> , 2019, 883, 181.	1.6	17
71	The HST Large Programme on Î‰ Centauri. III. Absolute Proper Motion. <i>Astrophysical Journal</i> , 2018, 854, 45.	1.6	25
72	Atmospheric reconnaissance of the habitable-zone Earth-sized planets orbiting TRAPPIST-1. <i>Nature Astronomy</i> , 2018, 2, 214-219.	4.2	179

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73	2MASS J11151597+1937266: A Young, Dusty, Isolated, Planetary-mass Object with a Potential Wide Stellar Companion. <i>Astrophysical Journal</i> , 2018, 853, 75.	1.6	4
74	The HST Large Programme on $\rho$ Centauri. II. Internal Kinematics. <i>Astrophysical Journal</i> , 2018, 853, 86.	1.6	73
75	Cloud Atlas: Discovery of Rotational Spectral Modulations in a Low-mass, L-type Brown Dwarf Companion to a Star. <i>Astronomical Journal</i> , 2018, 155, 11.	1.9	28
76	Stellar Parameters for Trappist-1. <i>Astrophysical Journal</i> , 2018, 853, 30.	1.6	71
77	Meeting the Cool Neighbors. XII. An Optically Anchored Analysis of the Near-infrared Spectra of L Dwarfs. <i>Astronomical Journal</i> , 2018, 155, 34.	1.9	40
78	Let's Get Physical: Teaching Physics Through Gymnastics. <i>Physics Teacher</i> , 2018, 56, 43-46.	0.2	6
79	Early 2017 observations of TRAPPIST-1 with Spitzer. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3577-3597.	1.6	100
80	An L+T Spectral Binary with Possible AB Doradus Kinematics. <i>Astrophysical Journal</i> , 2018, 854, 101.	1.6	5
81	Forty-four New and Known M-dwarf Multiples in the SDSS-III/APOGEE M-dwarf Ancillary Science Sample. <i>Astronomical Journal</i> , 2018, 156, 45.	1.9	8
82	A Late-type L Dwarf at 11 pc Hiding in the Galactic Plane Characterized Using Gaia DR2. <i>Astrophysical Journal</i> , 2018, 868, 44.	1.6	11
83	K2 Ultracool Dwarfs Survey. III. White Light Flares Are Ubiquitous in M6-L0 Dwarfs. <i>Astrophysical Journal</i> , 2018, 858, 55.	1.6	54
84	New Y and T Dwarfs from <i>WISE</i> Identified by Methane Imaging. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 28.	3.0	19
85	The APOGEE-2 Survey of the Orion Star-forming Complex. II. Six-dimensional Structure. <i>Astronomical Journal</i> , 2018, 156, 84.	1.9	216
86	The 0.8–4.5 $\mu$ m Broadband Transmission Spectra of TRAPPIST-1 Planets. <i>Astronomical Journal</i> , 2018, 156, 218.	1.9	29
87	Primeval very low-mass stars and brown dwarfs. IV. New L subdwarfs, Gaia astrometry, population properties, and a blue brown dwarf binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 5447-5474.	1.6	22
88	Cloud Atlas: Rotational Modulations in the L/T Transition Brown Dwarf Companion HN Peg B. <i>Astronomical Journal</i> , 2018, 155, 132.	1.9	27
89	The Strongest Magnetic Fields on the Coolest Brown Dwarfs. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 25.	3.0	62
90	The nature of the TRAPPIST-1 exoplanets. <i>Astronomy and Astrophysics</i> , 2018, 613, A68.	2.1	246

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91	K2 Ultracool Dwarfs Survey. IV. Monster Flares Observed on the Young Brown Dwarf CFHT-BD-Tau 4. <i>Astrophysical Journal</i> , 2018, 861, 76.	1.6	17
92	An absolute sodium abundance for a cloud-free "hot Saturn" exoplanet. <i>Nature</i> , 2018, 557, 526-529.	13.7	114
93	Primeval very low-mass stars and brown dwarfs " III. The halo transitional brown dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1383-1391.	1.6	10
94	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 42.	3.0	796
95	SPECULOOS: a network of robotic telescopes to hunt for terrestrial planets around the nearest ultracool dwarfs. , 2018, , .		38
96	WISE J064336.71-022315.4: A Thick-disk L8 Brown Dwarf Discovered by Gaia DR2 at 13.9 pc. <i>Research Notes of the AAS</i> , 2018, 2, 205.	0.3	4
97	The Late-Type Extension to MoVeRS (LaTE-MoVeRS): Proper Motion Verified Low-mass Stars and Brown Dwarfs from SDSS, 2MASS, and WISE. <i>Astronomical Journal</i> , 2017, 153, 92.	1.9	17
98	Reconnaissance of the TRAPPIST-1 exoplanet system in the Lyman- $\alpha$ line. <i>Astronomy and Astrophysics</i> , 2017, 599, L3.	2.1	85
99	BANYAN. IX. The Initial Mass Function and Planetary-mass Object Space Density of the TW HYA Association. <i>Astrophysical Journal, Supplement Series</i> , 2017, 228, 18.	3.0	85
100	Seven temperate terrestrial planets around the nearby ultracool dwarf star TRAPPIST-1. <i>Nature</i> , 2017, 542, 456-460.	13.7	1,144
101	SIMP J013656.5+093347 Is Likely a Planetary-mass Object in the Carina-Near Moving Group. <i>Astrophysical Journal Letters</i> , 2017, 841, L1.	3.0	55
102	A seven-planet resonant chain in TRAPPIST-1. <i>Nature Astronomy</i> , 2017, 1, .	4.2	263
103	K2 Ultracool Dwarfs Survey. I. Photometry of an L Dwarf Superflare. <i>Astrophysical Journal</i> , 2017, 838, 22.	1.6	19
104	Surface Gravities for 228 M, L, and T Dwarfs in the NIRSPEC Brown Dwarf Spectroscopic Survey. <i>Astrophysical Journal</i> , 2017, 838, 73.	1.6	44
105	Perspectives on the Indigenous Worldviews in Informal Science Education Conference. <i>Physics Teacher</i> , 2017, 55, 456-459.	0.2	6
106	Temporal Evolution of the High-energy Irradiation and Water Content of TRAPPIST-1 Exoplanets. <i>Astronomical Journal</i> , 2017, 154, 121.	1.9	104
107	On the Age of the TRAPPIST-1 System. <i>Astrophysical Journal</i> , 2017, 845, 110.	1.6	88
108	K2 Ultracool Dwarfs Survey. II. The White Light Flare Rate of Young Brown Dwarfs. <i>Astrophysical Journal</i> , 2017, 845, 33.	1.6	36

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109	Zones, spots, and planetary-scale waves beating in brown dwarf atmospheres. <i>Science</i> , 2017, 357, 683-687.	6.0	75
110	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , 2017, 154, 28.	1.9	1,100
111	Hubble Space Telescope astrometry of the closest brown dwarf binary system " I. Overview and improved orbit".... <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1140-1155.	1.6	15
112	Spectral Variability of Two Rapidly Rotating Brown Dwarfs: 2MASS J08354256-0819237 and 2MASS J18212815+1414010. <i>Astrophysical Journal</i> , 2017, 849, 163.	1.6	9
113	Cloudless Atmospheres for Young Low-gravity Substellar Objects. <i>Astrophysical Journal</i> , 2017, 850, 46.	1.6	43
114	The HST large programme on "Centauri" I. Multiple stellar populations at the bottom of the main sequence probed in NIR"Optical. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 800-812.	1.6	39
115	Primeval very low-mass stars and brown dwarfs " I. Six new L subdwarfs, classification and atmospheric properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3040-3059.	1.6	47
116	A Candidate Wide Brown Dwarf Binary in the Argus Association: 2MASS J14504216"7841413 and 2MASS J14504113"7841383. <i>Research Notes of the AAS</i> , 2017, 1, 42.	0.3	1
117	Identification of WISE J000100.45+065259.6 as an M8.5+T5 Spectral Binary Candidate. <i>Research Notes of the AAS</i> , 2017, 1, 47.	0.3	1
118	AURORAL RADIO EMISSION FROM LATE L AND T DWARFS: A NEW CONSTRAINT ON DYNAMO THEORY IN THE SUBSTELLAR REGIME. <i>Astrophysical Journal</i> , 2016, 818, 24.	1.6	86
119	CHARACTERIZATION OF THE VERY-LOW-MASS SECONDARY IN THE GJ 660.1AB SYSTEM. <i>Astronomical Journal</i> , 2016, 151, 46.	1.9	21
120	THE FIRST BROWN DWARF/PLANETARY-MASS OBJECT IN THE 32 ORIONIS GROUP*. <i>Astrophysical Journal</i> , 2016, 820, 32.	1.6	38
121	Temperate Earth-sized planets transiting a nearby ultracool dwarf star. <i>Nature</i> , 2016, 533, 221-224.	13.7	507
122	EXTRASOLAR STORMS: PRESSURE-DEPENDENT CHANGES IN LIGHT-CURVE PHASE IN BROWN DWARFS FROM SIMULTANEOUS HST AND SPITZER OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 826, 8.	1.6	77
123	A combined transmission spectrum of the Earth-sized exoplanets TRAPPIST-1 b and c. <i>Nature</i> , 2016, 537, 69-72.	13.7	157
124	PHOTOMETRIC MONITORING OF THE COLDEST KNOWN BROWN DWARF WITH THE SPITZER SPACE TELESCOPE*. <i>Astrophysical Journal</i> , 2016, 832, 58.	1.6	47
125	A BROWN DWARF CENSUS FROM THE SIMP SURVEY. <i>Astrophysical Journal</i> , 2016, 830, 144.	1.6	30
126	WISEP J060738.65+242953.4: A NEARBY POLE-ON L8 BROWN DWARF WITH RADIO EMISSION. <i>Astronomical Journal</i> , 2016, 152, 123.	1.9	12



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127	THE ORBIT OF THE L DWARF + T DWARF SPECTRAL BINARY SDSS J080531.84+481233.0*. <i>Astrophysical Journal</i> , 2016, 827, 25.	1.6	19
128	CLOUD ATLAS: DISCOVERY OF PATCHY CLOUDS AND HIGH-AMPLITUDE ROTATIONAL MODULATIONS IN A YOUNG, EXTREMELY RED L-TYPE BROWN DWARF. <i>Astrophysical Journal Letters</i> , 2016, 829, L32.	3.0	58
129	The BANYAN All-Sky Survey for Brown Dwarf Members of Young Moving Groups. <i>Proceedings of the International Astronomical Union</i> , 2015, 10, 49-53.	0.0	0
130	Low-gravity L Dwarfs Are Likely More Variable. <i>Proceedings of the International Astronomical Union</i> , 2015, 10, 121-123.	0.0	0
131	THE DEEPEST CONSTRAINTS ON RADIO AND X-RAY MAGNETIC ACTIVITY IN ULTRACOOL DWARFS FROM WISE J104915.57-531906.1. <i>Astrophysical Journal Letters</i> , 2015, 805, L3.	3.0	14
132	<i>KEPLER</i> MONITORING OF AN L DWARF. II. CLOUDS WITH MULTI-YEAR LIFETIMES. <i>Astrophysical Journal</i> , 2015, 813, 104.	1.6	20
133	Flares from ultracool L dwarfs with Kepler. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 153-154.	0.0	0
134	THE BROWN DWARF KINEMATICS PROJECT (BDKP). IV. RADIAL VELOCITIES OF 85 LATE-M AND L DWARFS WITH MagE. <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 18.	3.0	66
135	HIGH RESOLUTION IMAGING OF VERY LOW MASS SPECTRAL BINARIES: THREE RESOLVED SYSTEMS AND DETECTION OF ORBITAL MOTION IN AN L/T TRANSITION BINARY. <i>Astronomical Journal</i> , 2015, 150, 163.	1.9	27
136	DE0823âˆ’49 is a juvenile binary brown dwarf at 20.7 pc. <i>Astronomy and Astrophysics</i> , 2015, 579, A61.	2.1	11
137	A search for lithium in metal-poor L dwarfs. <i>Astronomy and Astrophysics</i> , 2015, 579, A58.	2.1	10
138	BANYAN. VII. A NEW POPULATION OF YOUNG SUBSTELLAR CANDIDATE MEMBERS OF NEARBY MOVING GROUPS FROM THE BASS SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 33.	3.0	156
139	SDSS J111010.01+011613.1: A NEW PLANETARY-MASS T DWARF MEMBER OF THE AB DORADUS MOVING GROUP. <i>Astrophysical Journal Letters</i> , 2015, 808, L20.	3.0	60
140	PROPERTIES OF THE NEARBY BROWN DWARF WISEP J180026.60+013453.1. <i>Astronomical Journal</i> , 2015, 150, 179.	1.9	7
141	RADIO EMISSION AND ORBITAL MOTION FROM THE CLOSE-ENCOUNTER STARâ€“BROWN DWARF BINARY WISE J072003.20â€“084651.2. <i>Astronomical Journal</i> , 2015, 150, 180.	1.9	25
142	WEATHER ON OTHER WORLDS. II. SURVEY RESULTS: SPOTS ARE UBIQUITOUS ON L AND T DWARFS. <i>Astrophysical Journal</i> , 2015, 799, 154.	1.6	206
143	WISEP J004701.06+680352.1: AN INTERMEDIATE SURFACE GRAVITY, DUSTY BROWN DWARF IN THE AB DOR MOVING GROUP. <i>Astrophysical Journal</i> , 2015, 799, 203.	1.6	54
144	<i>HST</i> ROTATIONAL SPECTRAL MAPPING OF TWO L-TYPE BROWN DWARFS: VARIABILITY IN AND OUT OF WATER BANDS INDICATES HIGH-ALTITUDE HAZE LAYERS. <i>Astrophysical Journal Letters</i> , 2015, 798, L13.	3.0	69

#	ARTICLE	IF	CITATIONS
145	RADIAL VELOCITY VARIABILITY OF FIELD BROWN DWARFS. <i>Astrophysical Journal</i> , 2015, 808, 12.	1.6	36
146	WISE J072003.20-084651.2: AN OLD AND ACTIVE M9.5 + T5 SPECTRAL BINARY 6 pc FROM THE SUN. <i>Astronomical Journal</i> , 2015, 149, 104.	1.9	44
147	Photometric brown-dwarf classification. <i>Astronomy and Astrophysics</i> , 2015, 574, A78.	2.1	40
148	A MONITORING CAMPAIGN FOR LUHMAN 16AB. I. DETECTION OF RESOLVED NEAR-INFRARED SPECTROSCOPIC VARIABILITY. <i>Astrophysical Journal</i> , 2014, 785, 48.	1.6	45
149	CONSTRAINTS ON THE BINARY PROPERTIES OF MID- TO LATE T DWARFS FROM <i>HUBBLE SPACE TELESCOPE</i> WFC3 OBSERVATIONS. <i>Astronomical Journal</i> , 2014, 148, 129.	1.9	16
150	SIGNATURES OF CLOUD, TEMPERATURE, AND GRAVITY FROM SPECTRA OF THE CLOSEST BROWN DWARFS. <i>Astrophysical Journal</i> , 2014, 790, 90.	1.6	52
151	SpeX SPECTROSCOPY OF UNRESOLVED VERY LOW MASS BINARIES. II. IDENTIFICATION OF 14 CANDIDATE BINARIES WITH LATE-M/EARLY-L AND T DWARF COMPONENTS. <i>Astrophysical Journal</i> , 2014, 794, 143.	1.6	101
152	NEAR-INFRARED DETECTION OF WD 0806-661 B WITH THE <i>HUBBLE SPACE TELESCOPE</i> . <i>Astrophysical Journal</i> , 2014, 794, 16.	1.6	12
153	THE ALLWISE MOTION SURVEY AND THE QUEST FOR COLD SUBDWARFS. <i>Astrophysical Journal</i> , 2014, 783, 122.	1.6	118
154	THE FIRST ALLWISE PROPER MOTION DISCOVERY: WISEA J070720.50+170532.7. <i>Astronomical Journal</i> , 2014, 147, 61.	1.9	8
155	The discovery of a T6.5 subdwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 359-364.	1.6	19
156	Parallaxes of Five L Dwarfs with a Robotic Telescope. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 15-26.	1.0	26
157	FIRE: A Facility Class Near-Infrared Echelle Spectrometer for the Magellan Telescopes. <i>Publications of the Astronomical Society of the Pacific</i> , 2013, 125, 270-286.	1.0	168
158	<i>KEPLER</i> MONITORING OF AN L DWARF I. THE PHOTOMETRIC PERIOD AND WHITE LIGHT FLARES. <i>Astrophysical Journal</i> , 2013, 779, 172.	1.6	58
159	Science with the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	1.3	260
160	Near-infrared spectroscopy of SN 2009ip's 2012 brightening reveals a dusty pre-supernova environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 2721-2726.	1.6	30
161	RESOLVED NEAR-INFRARED SPECTROSCOPY OF WISE J104915.57â€“531906.1AB: A FLUX-REVERSAL BINARY AT THE L DWARF/T DWARF TRANSITION. <i>Astrophysical Journal</i> , 2013, 772, 129.	1.6	87
162	WEATHER ON OTHER WORLDS. I. DETECTION OF PERIODIC VARIABILITY IN THE L3 DWARF DENIS-P J1058.7-1548 WITH PRECISE MULTI-WAVELENGTH PHOTOMETRY. <i>Astrophysical Journal</i> , 2013, 767, 173.	1.6	52

#	ARTICLE	IF	CITATIONS
163	A STUDY OF THE DIVERSE T DWARF POPULATION REVEALED BY <i>WISE</i>. <i>Astrophysical Journal, Supplement Series</i> , 2013, 205, 6.	3.0	107
164	DETECTION OF RADIO EMISSION FROM THE HYPERACTIVE L DWARF 2MASS J13153094â€“2649513AB. <i>Astrophysical Journal Letters</i> , 2013, 762, L3.	3.0	26
165	PS1-10afx AT<i>z</i>= 1.388: PAN-STARRS1 DISCOVERY OF A NEW TYPE OF SUPERLUMINOUS SUPERNOVA. <i>Astrophysical Journal</i> , 2013, 767, 162.	1.6	56
166	THE SLOAN DIGITAL SKY SURVEY DATA RELEASE 7 SPECTROSCOPIC M DWARF CATALOG. III. THE SPATIAL DEPENDENCE OF MAGNETIC ACTIVITY IN THE GALAXY. <i>Astronomical Journal</i> , 2013, 146, 50.	1.9	14
167	A SEARCH FOR PHOTOMETRIC VARIABILITY IN L- AND T-TYPE BROWN DWARF ATMOSPHERES. <i>Astronomical Journal</i> , 2013, 145, 71.	1.9	38
168	HH 222: A GIANT HERBIG-HARO FLOW FROM THE QUADRUPLE SYSTEM V380 ORI. <i>Astronomical Journal</i> , 2013, 146, 118.	1.9	14
169	Extremely metal-poor gas at a redshift of 7. <i>Nature</i> , 2012, 492, 79-82.	13.7	80
170	LOW-MASS TERTIARY COMPANIONS TO SPECTROSCOPIC BINARIES. I. COMMON PROPER MOTION SURVEY FOR WIDE COMPANIONS USING 2MASS. <i>Astronomical Journal</i> , 2012, 144, 62.	1.9	216
171	KECK NIRSPEC RADIAL VELOCITY OBSERVATIONS OF LATE-M DWARFS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 10.	3.0	18
172	GASEOUS MATERIAL ORBITING THE POLLUTED, DUSTY WHITE DWARF HE 1349â€“2305. <i>Astrophysical Journal Letters</i> , 2012, 751, L4.	3.0	59
173	THE BROWN DWARF KINEMATICS PROJECT (BDKP). III. PARALLAXES FOR 70 ULTRACOOL DWARFS. <i>Astrophysical Journal</i> , 2012, 752, 56.	1.6	225
174	DISCOVERY OF A VERY LOW MASS TRIPLE WITH LATE-M AND T DWARF COMPONENTS: LP 704-48/SDSS J0006â€“0852AB. <i>Astrophysical Journal</i> , 2012, 757, 110.	1.6	36
175	FURTHER DEFINING SPECTRAL TYPE â€œYâ€•AND EXPLORING THE LOW-MASS END OF THE FIELD BROWN DWARF MASS FUNCTION. <i>Astrophysical Journal</i> , 2012, 753, 156.	1.6	276
176	RESOLVED SPECTROSCOPY OF A BROWN DWARF BINARY AT THE T DWARF/Y DWARF TRANSITION. <i>Astrophysical Journal</i> , 2012, 745, 26.	1.6	20
177	CONFIRMATION OF ONE OF THE COLDEST KNOWN BROWN DWARFS. <i>Astrophysical Journal</i> , 2012, 744, 135.	1.6	50
178	DISCOVERY OF THREE DISTANT, COLD BROWN DWARFS IN THE WFC3 INFRARED SPECTROSCOPIC PARALLELS SURVEY. <i>Astrophysical Journal Letters</i> , 2012, 752, L14.	3.0	11
179	ACCRETION OF A TERRESTRIAL-LIKE MINOR PLANET BY A WHITE DWARF. <i>Astrophysical Journal</i> , 2011, 732, 90.	1.6	89
180	A VERY HIGH PROPER MOTION STAR AND THE FIRST L DWARF IN THE <i>KEPLER</i> FIELD. <i>Astrophysical Journal Letters</i> , 2011, 736, L34.	3.0	29

#	ARTICLE	IF	CITATIONS
181	THE SURFACE COMPOSITION OF LARGE KUIPER BELT OBJECT 2007 OR10. <i>Astrophysical Journal Letters</i> , 2011, 738, L26.	3.0	39
182	CONSTRAINTS ON THE UNIVERSAL C IV MASS DENSITY AT $z \approx 6$ FROM EARLY INFRARED SPECTRA OBTAINED WITH THE MAGELLAN FIRE SPECTROGRAPH. <i>Astrophysical Journal</i> , 2011, 743, 21.	1.6	84
183	THE DISCOVERY OF Y DWARFS USING DATA FROM THE WIDE-FIELD INFRARED SURVEY EXPLORER (WISE). <i>Astrophysical Journal</i> , 2011, 743, 50.	1.6	303
184	FIRE SPECTROSCOPY OF FIVE LATE-TYPE T DWARFS DISCOVERED WITH THE WIDE-FIELD INFRARED SURVEY EXPLORER. <i>Astrophysical Journal</i> , 2011, 735, 116.	1.6	34
185	THE HYPERACTIVE L DWARF 2MASS J13153094+2649513: CONTINUED EMISSION AND A BROWN DWARF COMPANION. <i>Astrophysical Journal</i> , 2011, 739, 49.	1.6	32
186	RESOLVED SPECTROSCOPY OF M DWARF/L DWARF BINARIES. IV. DISCOVERY OF AN M9 + L6 BINARY SEPARATED BY OVER 100 AU. <i>Astronomical Journal</i> , 2011, 141, 7.	1.9	20
187	IDENTIFICATION OF A WIDE, LOW-MASS MULTIPLE SYSTEM CONTAINING THE BROWN DWARF 2MASS J0850359+105716. <i>Astronomical Journal</i> , 2011, 141, 71.	1.9	33
188	FIRE SPECTROSCOPY OF THE ULTRA-COOL BROWN DWARF, UGPS J072227.51+054031.2: KINEMATICS, ROTATION AND ATMOSPHERIC PARAMETERS. <i>Astronomical Journal</i> , 2011, 142, 169.	1.9	26
189	THE FIRST HUNDRED BROWN DWARFS DISCOVERED BY THE WIDE-FIELD INFRARED SURVEY EXPLORER (WISE). <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 19.	3.0	317
190	WISEP J180026.60+013453.1: A NEARBY LATE-L DWARF NEAR THE GALACTIC PLANE. <i>Astronomical Journal</i> , 2011, 142, 171.	1.9	20
191	HUBBLE SPACE TELESCOPE IMAGING AND SPECTRAL ANALYSIS OF TWO BROWN DWARF BINARIES AT THE L DWARF/T DWARF TRANSITION. <i>Astronomical Journal</i> , 2011, 141, 70.	1.9	23
192	DISCOVERY OF A CANDIDATE FOR THE COOLEST KNOWN BROWN DWARF. <i>Astrophysical Journal Letters</i> , 2011, 730, L9.	3.0	139
193	The spectra of low-temperature atmospheres: Lessons learned from brown dwarfs. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 135-142.	0.0	0
194	The FIRE infrared spectrometer at Magellan: construction and commissioning. <i>Proceedings of SPIE</i> , 2010, . .	0.8	43
195	THE ENIGMATIC YOUNG, LOW-MASS VARIABLE TWA 30. <i>Astrophysical Journal</i> , 2010, 714, 45-67.	1.6	63
196	CLOUDS IN THE COLDEST BROWN DWARFS: FIRE SPECTROSCOPY OF ROSS 458C. <i>Astrophysical Journal</i> , 2010, 725, 1405-1420.	1.6	117
197	SpeX SPECTROSCOPY OF UNRESOLVED VERY LOW MASS BINARIES. I. IDENTIFICATION OF 17 CANDIDATE BINARIES STRADDLING THE L DWARF/T DWARF TRANSITION. <i>Astrophysical Journal</i> , 2010, 710, 1142-1169.	1.6	209
198	THE BROWN DWARF KINEMATICS PROJECT. II. DETAILS ON NINE WIDE COMMON PROPER MOTION VERY LOW MASS COMPANIONS TO NEARBY STARS. <i>Astronomical Journal</i> , 2010, 139, 176-194.	1.9	95

#	ARTICLE	IF	CITATIONS
199	DISCOVERY OF AN UNUSUALLY BLUE L DWARF WITHIN 10 pc OF THE SUN. <i>Astronomical Journal</i> , 2010, 139, 1045-1050.	1.9	45
200	A WIDELY SEPARATED, HIGHLY OCCLUDED COMPANION TO THE NEARBY LOW-MASS T TAURI STAR TWA 30. <i>Astronomical Journal</i> , 2010, 140, 1486-1499.	1.9	75
201	DISCOVERIES FROM A NEAR-INFRARED PROPER MOTION SURVEY USING MULTI-EPOCH TWO MICRON ALL-SKY SURVEY DATA. <i>Astrophysical Journal, Supplement Series</i> , 2010, 190, 100-146.	3.0	228
202	ULAS J141623.94+134836.3: A BLUE T DWARF COMPANION TO A BLUE L DWARF. <i>Astronomical Journal</i> , 2010, 139, 2448-2454.	1.9	35
203	2MASS J20261584+2943124: AN UNRESOLVED L0.5 + T6 SPECTRAL BINARY. <i>Astronomical Journal</i> , 2010, 140, 110-118.	1.9	16
204	OPTICAL AND NEAR-INFRARED SPECTROSCOPY OF THE L SUBDWARF SDSS J125637.13-022452.4. <i>Astrophysical Journal</i> , 2009, 697, 148-159.	1.6	46
205	2MASS J06164006+6407194: THE FIRST OUTER HALO L SUBDWARF. <i>Astrophysical Journal</i> , 2009, 696, 986-993.	1.6	39
206	SPECTROPHOTOMETRICALLY IDENTIFIED STARS IN THE PEARS-N AND PEARS-S FIELDS. <i>Astrophysical Journal</i> , 2009, 695, 1591-1603.	1.6	36
207	RESOLVED SPECTROSCOPY OF M DWARF/L DWARF BINARIES. III. THE "WIDE" L3.5/L4 DWARF BINARY 2MASS J15500845+1455180AB. <i>Astronomical Journal</i> , 2009, 138, 1563-1569.	1.9	15
208	AN AGE CONSTRAINT FOR THE VERY LOW MASS STELLAR/BROWN DWARF BINARY 2MASS J03202839+0446358AB. <i>Astronomical Journal</i> , 2009, 137, 4621-4626.	1.9	13
209	Ultracool Subdwarfs: The Halo Population Down to the Substellar Limit. , 2009, , .		2
210	Dwarf Archives: A Compendium of M, L, and T Dwarf Data. , 2009, , .		3
211	YOUNG L DWARFS IDENTIFIED IN THE FIELD: A PRELIMINARY LOW-GRAVITY, OPTICAL SPECTRAL SEQUENCE FROM L0 TO L5. <i>Astronomical Journal</i> , 2009, 137, 3345-3357.	1.9	238
212	MASE: A New Data-Reduction Pipeline for the Magellan Echellette Spectrograph. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1409-1418.	1.0	96
213	THE BROWN DWARF KINEMATICS PROJECT I. PROPER MOTIONS AND TANGENTIAL VELOCITIES FOR A LARGE SAMPLE OF LATE-TYPE M, L, AND T DWARFS. <i>Astronomical Journal</i> , 2009, 137, 1-18.	1.9	237
214	FIRE: a near-infrared cross-dispersed echellette spectrometer for the Magellan telescopes. <i>Proceedings of SPIE</i> , 2008, , .	0.8	75
215	Brown dwarfs as Galactic chronometers. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 317-326.	0.0	3
216	Discovery of Two Nearby Peculiar L Dwarfs from the 2MASS Proper Motion Survey: Young or Metal-Rich?. <i>Astrophysical Journal</i> , 2008, 686, 528-541.	1.6	122

#	ARTICLE	IF	CITATIONS
217	2MASS J09393548-2448279: The Coldest and Least Luminous Brown Dwarf Binary Known?. <i>Astrophysical Journal</i> , 2008, 689, L53-L56.	1.6	49
218	Clouds, Gravity, and Metallicity in Blue L Dwarfs: The Case of 2MASS J11263991+5003550. <i>Astrophysical Journal</i> , 2008, 674, 451-465.	1.6	117
219	Parallax and Luminosity Measurements of an L Subdwarf. <i>Astrophysical Journal</i> , 2008, 672, 1159-1166.	1.6	43
220	Discovery of a T Dwarf Binary with the Largest Known $H\alpha$ Band Flux Reversal. <i>Astrophysical Journal</i> , 2008, 685, 1183-1192.	1.6	79
221	L-DWARF BINARIES IN THE 20-PARSEC SAMPLE. <i>Astronomical Journal</i> , 2008, 135, 580-587.	1.9	72
222	Subtle Signatures of Multiplicity in Late-type Dwarf Spectra: The Unresolved M8.5 + T5 Binary 2MASS J03202839+0446358. <i>Astrophysical Journal</i> , 2008, 681, 579-593.	1.6	134
223	A Sample of Very Young Field L Dwarfs and Implications for the Brown Dwarf $\epsilon$ -Lithium Test at Early Ages. <i>Astrophysical Journal</i> , 2008, 689, 1295-1326.	1.6	176
224	Contamination by field late-M, L, and T dwarfs in deep surveys. <i>Astronomy and Astrophysics</i> , 2008, 488, 181-190.	2.1	59
225	Follow-up observations of binary ultra-cool dwarfs. <i>Astronomy and Astrophysics</i> , 2008, 481, 757-767.	2.1	19
226	Discovery of a High Proper Motion L Dwarf Binary: 2MASS J15200224+4422419AB. <i>Astrophysical Journal</i> , 2007, 658, 557-568.	1.6	52
227	Discovery of an M9.5 Candidate Brown Dwarf in the TW Hydrae Association: DENIS J124514.1-442907. <i>Astrophysical Journal</i> , 2007, 669, L97-L100.	1.6	65
228	Discovery of a 66 mas Ultracool Binary with Laser Guide Star Adaptive Optics. <i>Astronomical Journal</i> , 2007, 133, 2320-2326.	1.9	36
229	SDSS J080531.84+481233.0: An Unresolved L Dwarf/T Dwarf Binary. <i>Astronomical Journal</i> , 2007, 134, 1330-1336.	1.9	49
230	Meeting the Cool Neighbors. IX. The Luminosity Function of M7-L8 Ultracool Dwarfs in the Field. <i>Astronomical Journal</i> , 2007, 133, 439-467.	1.9	262
231	Optical Spectroscopy of 2MASS Color-selected Ultracool Subdwarfs. <i>Astrophysical Journal</i> , 2007, 657, 494-510.	1.6	88
232	On the Nature of the Unique $H\alpha$ -emitting T Dwarf 2MASS J12373919+6526148. <i>Astrophysical Journal</i> , 2007, 655, 522-527.	1.6	31
233	Binaries and the L Dwarf/T Dwarf Transition. <i>Astrophysical Journal</i> , 2007, 659, 655-674.	1.6	145
234	Discovery of 11 New T Dwarfs in the Two Micron All Sky Survey, Including a Possible L/T Transition Binary. <i>Astronomical Journal</i> , 2007, 134, 1162-1182.	1.9	124

#	ARTICLE	IF	CITATIONS
235	The NIRSPEC Brown Dwarf Spectroscopic Survey. II. High-Resolution J-Band Spectra of M, L, and T Dwarfs. <i>Astrophysical Journal</i> , 2007, 658, 1217-1235.	1.6	64
236	The Physical Properties of HD 3651B: An Extrasolar Nemesis?. <i>Astrophysical Journal</i> , 2007, 658, 617-621.	1.6	65
237	A Method for Determining the Physical Properties of the Coldest Known Brown Dwarfs. <i>Astrophysical Journal</i> , 2006, 639, 1095-1113.	1.6	148
238	On the CO Near-Infrared Band and the Line-Splitting Phenomenon in the Yellow Hypergiant $\epsilon$ -Cassiopeiae. <i>Astrophysical Journal</i> , 2006, 651, 1130-1150.	1.6	28
239	Discovery of the Coolest Extreme Subdwarf. <i>Astrophysical Journal</i> , 2006, 645, 1485-1497.	1.6	49
240	2MASS J22521073+1730134: A Resolved L/T Binary at 14 Parsecs. <i>Astrophysical Journal</i> , 2006, 639, 1114-1119.	1.6	66
241	A Search for Binary Systems among the Nearest L Dwarfs. <i>Astronomical Journal</i> , 2006, 132, 891-901.	1.9	114
242	Resolved Spectroscopy of M Dwarf/L Dwarf Binaries. II. 2MASS J17072343-0558249AB. <i>Astronomical Journal</i> , 2006, 132, 2074-2081.	1.9	37
243	Hubble Space Telescope NICMOS Observations of T Dwarfs: Brown Dwarf Multiplicity and New Probes of the L/T Transition. <i>Astrophysical Journal</i> , Supplement Series, 2006, 166, 585-612.	3.0	179
244	Resolved Spectroscopy of M Dwarf/L Dwarf Binaries. I. DENIS J220002.05-303832.9AB. <i>Astronomical Journal</i> , 2006, 131, 1007-1014.	1.9	80
245	A Unified Near-Infrared Spectral Classification Scheme for T Dwarfs. <i>Astrophysical Journal</i> , 2006, 637, 1067-1093.	1.6	377
246	Isolated, Massive Supergiants near the Galactic Center. <i>Astrophysical Journal</i> , 2006, 638, 183-190.	1.6	36
247	Discovery of a Very Young Field L Dwarf, 2MASS J01415823+4633574. <i>Astrophysical Journal</i> , 2006, 639, 1120-1128.	1.6	185
248	The 2MASS Wide-Field T Dwarf Search. IV. Hunting Out T Dwarfs with Methane Imaging. <i>Astronomical Journal</i> , 2005, 130, 2326-2346.	1.9	97
249	The 2MASS Wide-Field T Dwarf Search. V. Discovery of a T Dwarf via Methane Imaging. <i>Astronomical Journal</i> , 2005, 130, 2347-2351.	1.9	14
250	Quiescent Radio Emission from Southern Late-Type M Dwarfs and a Spectacular Radio Flare from the M8 Dwarf DENIS 1048+3956. <i>Astrophysical Journal</i> , 2005, 626, 486-497.	1.6	82
251	Multiplicity among Widely Separated Brown Dwarf Companions to Nearby Stars: Gliese 337CD. <i>Astronomical Journal</i> , 2005, 129, 2849-2855.	1.9	92
252	SDSS J042348.57-041403.5AB: A Brown Dwarf Binary Straddling the L/T Transition. <i>Astrophysical Journal</i> , 2005, 634, L177-L180.	1.6	56

#	ARTICLE	IF	CITATIONS
253	S Orionis 70: Just a Foreground Field Brown Dwarf?. <i>Astrophysical Journal</i> , 2004, 604, 827-831.	1.6	68
254	Meeting the Cool Neighbors. VIII. A Preliminary 20 Parsec Census from the NLTT Catalogue. <i>Astronomical Journal</i> , 2004, 128, 463-483.	1.9	145
255	Discovery of a Second L Subdwarf in the Two Micron All Sky Survey. <i>Astrophysical Journal</i> , 2004, 614, L73-L76.	1.6	80
256	2MASS J05185995-2828372: Discovery of an Unresolved L/T Binary. <i>Astrophysical Journal</i> , 2004, 604, L61-L64.	1.6	88
257	Preliminary Parallaxes of 40 L and T Dwarfs from the US Naval Observatory Infrared Astrometry Program. <i>Astronomical Journal</i> , 2004, 127, 2948-2968.	1.9	353
258	T Dwarfs and the Substellar Mass Function. I. Monte Carlo Simulations. <i>Astrophysical Journal</i> , Supplement Series, 2004, 155, 191-207.	3.0	105
259	The 2MASS Wide-Field T Dwarf Search. III. Seven New T Dwarfs and Other Cool Dwarf Discoveries. <i>Astronomical Journal</i> , 2004, 127, 2856-2870.	1.9	255
260	Identifying Young Brown Dwarfs Using Gravity-Sensitive Spectral Features. <i>Astrophysical Journal</i> , 2004, 600, 1020-1024.	1.6	148
261	Hubble Space Telescope Observations of Binary Very Low Mass Stars and Brown Dwarfs. <i>Astronomical Journal</i> , 2003, 125, 3302-3310.	1.9	163
262	Photometric Variability at the L/T Dwarf Boundary. <i>Astronomical Journal</i> , 2003, 126, 1006-1016.	1.9	92
263	The 2MASS Wide-Field T Dwarf Search. II. Discovery of Three T Dwarfs in the Southern Hemisphere. <i>Astronomical Journal</i> , 2003, 126, 2487-2494.	1.9	50
264	Infrared Parallaxes for Methane T Dwarfs. <i>Astronomical Journal</i> , 2003, 126, 975-992.	1.9	204
265	The NIRSPEC Brown Dwarf Spectroscopic Survey. I. Low-Resolution Near-Infrared Spectra. <i>Astrophysical Journal</i> , 2003, 596, 561-586.	1.6	271
266	The Spectra of T Dwarfs. II. Red Optical Data. <i>Astrophysical Journal</i> , 2003, 594, 510-524.	1.6	146
267	Binarity in Brown Dwarfs: T Dwarf Binaries Discovered with the Hubble Space Telescope Wide Field Planetary Camera 2. <i>Astrophysical Journal</i> , 2003, 586, 512-526.	1.6	355
268	The 2MASS Wide-Field T Dwarf Search. I. Discovery of a Bright T Dwarf within 10 Parsecs of the Sun. <i>Astronomical Journal</i> , 2003, 125, 850-857.	1.9	88
269	Clouds and Clearings in the Atmospheres of the L and T Dwarfs. Symposium - International Astronomical Union, 2003, 211, 333-344.	0.1	4
270	Testing for Photometric Variability at the L/T Boundary. Symposium - International Astronomical Union, 2003, 211, 459-460.	0.1	0



#	ARTICLE	IF	CITATIONS
271	The NIRSPEC Brown Dwarf Spectroscopic Survey. Symposium - International Astronomical Union, 2003, 211, 385-388.	0.1	3
272	New M and L Dwarfs Confirmed with CorMASS. Symposium - International Astronomical Union, 2003, 211, 197-200.	0.1	12
273	The Classification of T Dwarfs. Symposium - International Astronomical Union, 2003, 211, 377-384.	0.1	4
274	A Flaring L5 Dwarf: The Nature of H $\alpha$ Emission in Very Low Mass (Sub)Stellar Objects. <i>Astronomical Journal</i> , 2003, 125, 343-347.	1.9	100
275	The First Substellar Subdwarf? Discovery of a Metal-poor L Dwarf with Halo Kinematics. <i>Astrophysical Journal</i> , 2003, 592, 1186-1192.	1.6	164
276	The Spectra of T Dwarfs. I. Near-Infrared Data and Spectral Classification. <i>Astrophysical Journal</i> , 2002, 564, 421-451.	1.6	364
277	Theoretical Spectral Models of T Dwarfs at Short Wavelengths and Their Comparison with Data. <i>Astrophysical Journal</i> , 2002, 573, 394-417.	1.6	95
278	A Search for Variability in the Active T Dwarf 2MASS 1237+6526. <i>Astronomical Journal</i> , 2002, 123, 2744-2753.	1.9	53
279	Astrometry and Photometry for Cool Dwarfs and Brown Dwarfs. <i>Astronomical Journal</i> , 2002, 124, 1170-1189.	1.9	522
280	Evidence of Cloud Disruption in the L/T Dwarf Transition. <i>Astrophysical Journal</i> , 2002, 571, L151-L154.	1.6	212
281	Brown Dwarf Companions to G-Type Stars. I. Gliese 417B and Gliese 584C. <i>Astronomical Journal</i> , 2001, 121, 3235-3253.	1.9	320
282	Substellar Companions to Main-Sequence Stars: No Brown Dwarf Desert at Wide Separations. <i>Astrophysical Journal</i> , 2001, 551, L163-L166.	1.6	139
283	Near-Infrared Spectroscopy of Brown Dwarfs: Methane and the Transition between the L and T Spectral Types. <i>Astrophysical Journal</i> , 2001, 561, L115-L118.	1.6	23
284	Near-Infrared Spectral Classification of Late M and L Dwarfs. <i>Astronomical Journal</i> , 2001, 121, 1710-1721.	1.9	159
285	Discovery of a Bright Field Methane (T-Type) Brown Dwarf by 2MASS. <i>Astronomical Journal</i> , 2000, 120, 1100-1105.	1.9	89
286	Detection of H $\alpha$ Emission in a Methane (T Type) Brown Dwarf. <i>Astronomical Journal</i> , 2000, 120, 473-478.	1.9	65
287	An Improved Red Spectrum of the Methane or T Dwarf SDSS 1624+0029: The Role of the Alkali Metals. <i>Astrophysical Journal</i> , 2000, 533, L155-L158.	1.6	49
288	NIRSPEC brown dwarf spectroscopic survey. , 2000, 4005, 296.		1

#	ARTICLE	IF	CITATIONS
289	Two nearby M dwarf binaries from the Two Micron All Sky Survey. Monthly Notices of the Royal Astronomical Society, 2000, 311, 385-388.	1.6	42
290	67 Additional L Dwarfs Discovered by the Two Micron All Sky Survey. Astronomical Journal, 2000, 120, 447-472.	1.9	497
291	Discovery of a Brown Dwarf Companion to Gliese 570ABC: A 2MASS T Dwarf Significantly Cooler than Gliese 229B. Astrophysical Journal, 2000, 531, L57-L60.	1.6	191
292	Four Nearby L Dwarfs. Astronomical Journal, 2000, 119, 369-377.	1.9	152
293	Discovery of Four Field Methane (T-Type) Dwarfs with the Two Micron All-Sky Survey. Astrophysical Journal, 1999, 522, L65-L68.	1.6	181