

# Mark Marley

## List of Publications by Year in descending order

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Version: 2024-02-01

274  
papers

22,908  
citations

7096

78  
h-index

11052

137  
g-index

281  
all docs

281  
docs citations

281  
times ranked

5319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Let the Great World Spin: Revealing the Stormy, Turbulent Nature of Young Giant Exoplanet Analogs with the Spitzer Space Telescope. <i>Astrophysical Journal</i> , 2022, 924, 68.	4.5	28
2	A New Sedimentation Model for Greater Cloud Diversity in Giant Exoplanets and Brown Dwarfs. <i>Astrophysical Journal</i> , 2022, 925, 33.	4.5	16
3	Diurnal variations in the stratosphere of the ultrahot giant exoplanet WASP-121b. <i>Nature Astronomy</i> , 2022, 6, 471-479.	10.1	26
4	Polarization of Rotationally Oblate Self-luminous Exoplanets with Anisotropic Atmospheres. <i>Astrophysical Journal</i> , 2022, 927, 51.	4.5	2
5	The First Near-infrared Transmission Spectrum of HIP 41378 f, A Low-mass Temperate Jovian World in a Multiplanet System. <i>Astrophysical Journal Letters</i> , 2022, 927, L5.	8.3	16
6	Collisional broadening and pressure shift of the potassium resonance doublets by nitrogen, helium, and hydrogen at high temperatures. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 283, 108149.	2.3	3
7	HST/WFC3 Complete Phase-resolved Spectroscopy of White-dwarf-brown-dwarf Binaries WD 0137 and EPIC 2122. <i>Astronomical Journal</i> , 2022, 163, 17.	4.7	8
8	Mapping the Pressure-dependent Day-Night Temperature Contrast of a Strongly Irradiated Atmosphere with HST Spectroscopic Phase Curve. <i>Astronomical Journal</i> , 2022, 163, 8.	4.7	4
9	Weather on Other Worlds. V. The Three Most Rapidly Rotating Ultra-cool Dwarfs. <i>Astronomical Journal</i> , 2021, 161, 224.	4.7	30
10	Cloud Parameterizations and their Effect on Retrievals of Exoplanet Reflection Spectroscopy. <i>Astrophysical Journal</i> , 2021, 910, 158.	4.5	8
11	Cloud busting: enstatite and quartz clouds in the atmosphere of 2M2224-0158. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1944-1961.	4.4	39
12	EXOPLINES: Molecular Absorption Cross-section Database for Brown Dwarf and Giant Exoplanet Atmospheres. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 34.	7.7	37
13	Uniform Forward-modeling Analysis of Ultracool Dwarfs. I. Methodology and Benchmarking. <i>Astrophysical Journal</i> , 2021, 916, 53.	4.5	15
14	Variable Irradiation on 1D Cloudless Eccentric Exoplanet Atmospheres. <i>Astrophysical Journal</i> , 2021, 915, 41.	4.5	11
15	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
16	Following the Lithium: Tracing Li-bearing Molecules across Age, Mass, and Gravity in Brown Dwarfs. <i>Astrophysical Journal</i> , 2021, 919, 21.	4.5	7
17	Detection and Bulk Properties of the HR 8799 Planets with High-resolution Spectroscopy. <i>Astronomical Journal</i> , 2021, 162, 148.	4.7	39
18	Gemini Planet Imager Spectroscopy of the Dusty Substellar Companion HD 206893 B. <i>Astronomical Journal</i> , 2021, 161, 5.	4.7	16

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19	The Sonora Brown Dwarf Atmosphere and Evolution Models. I. Model Description and Application to Cloudless Atmospheres in Rainout Chemical Equilibrium. <i>Astrophysical Journal</i> , 2021, 920, 85.	4.5	114
20	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
21	Ultracool Dwarfs Observed with the Spitzer Infrared Spectrograph. I. An Accurate Look at the L-to-T Transition at $\sim 1/4$ 300 Myr from Optical Through Mid-infrared Spectrophotometry. <i>Astrophysical Journal</i> , 2021, 920, 99.	4.5	4
22	Uniform Forward-modeling Analysis of Ultracool Dwarfs. II. Atmospheric Properties of 55 Late-T Dwarfs. <i>Astrophysical Journal</i> , 2021, 921, 95.	4.5	15
23	Impact of Water-latent Heat on the Thermal Structure of Ultra-cool Objects: Brown Dwarfs and Free-floating Planets. <i>Astrophysical Journal</i> , 2021, 922, 26.	4.5	8
24	The Sonora Substellar Atmosphere Models. II. Cholla: A Grid of Cloud-free, Solar Metallicity Models in Chemical Disequilibrium for the JWST Era. <i>Astrophysical Journal</i> , 2021, 923, 269.	4.5	23
25	Modeling Polarization Signals from Cloudy Brown Dwarfs Luhman 16 A and B in Three Dimensions. <i>Astrophysical Journal</i> , 2021, 923, 113.	4.5	6
26	The First Retrieval of a Substellar Subdwarf: A Cloud-free SDSS J125637.13â€“022452.4. <i>Astrophysical Journal</i> , 2021, 923, 19.	4.5	14
27	Detecting and Characterizing Water Vapor in the Atmospheres of Earth Analogs through Observation of the 0.94 $\mu$ m Feature in Reflected Light. <i>Astronomical Journal</i> , 2020, 159, 36.	4.7	7
28	HD 165054: An Astrometric Calibration Field for High-contrast Imagers in Baadeâ€™s Window. <i>Astronomical Journal</i> , 2020, 159, 244.	4.7	1
29	The Gemini Planet Imager View of the HD 32297 Debris Disk. <i>Astronomical Journal</i> , 2020, 159, 251.	4.7	19
30	Transmission Spectroscopy of WASP-79b from 0.6 to 5.0 $\mu$ m. <i>Astronomical Journal</i> , 2020, 159, 5.	4.7	22
31	Detection of Polarization due to Cloud Bands in the Nearby Luhman 16 Brown Dwarf Binary. <i>Astrophysical Journal</i> , 2020, 894, 42.	4.5	23
32	Helios-r2: A New Bayesian, Open-source Retrieval Model for Brown Dwarfs and Exoplanet Atmospheres. <i>Astrophysical Journal</i> , 2020, 890, 174.	4.5	54
33	A Multilayer Perceptron for Obtaining Quick Parameter Estimations of Cool Exoplanets from Geometric Albedo Spectra. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 044502.	3.1	6
34	The Gemini Planet Imager Exoplanet Survey: Dynamical Mass of the Exoplanet $\hat{2}$ Pictoris b from Combined Direct Imaging and Astrometry. <i>Astronomical Journal</i> , 2020, 159, 71.	4.7	29
35	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
36	COOL Companions ON Ultrawide orbiTS (COCONUTS). I. A High-gravity T4 Benchmark around an Old White Dwarf and a Re-examination of the Surface-gravity Dependence of the L/T Transition. <i>Astrophysical Journal</i> , 2020, 891, 171.	4.5	23

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37	Debris Disk Results from the Gemini Planet Imager Exoplanet Survey's Polarimetric Imaging Campaign. <i>Astronomical Journal</i> , 2020, 160, 24.	4.7	64
38	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.	4.7	16
39	Sulfur-driven haze formation in warm CO <sub>2</sub> -rich exoplanet atmospheres. <i>Nature Astronomy</i> , 2020, 4, 986-993.	10.1	33
40	NLTT5306B: an inflated, weakly irradiated brown dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5318-5324.	4.4	14
41	Revised astrometric calibration of the Gemini Planet Imager. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2020, 6, 1.	1.8	15
42	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
43	Toward Complete Characterization: Prospects for Directly Imaging Transiting Exoplanets. <i>Astronomical Journal</i> , 2020, 159, 286.	4.7	5
44	Observations of Disequilibrium CO Chemistry in the Coldest Brown Dwarfs. <i>Astronomical Journal</i> , 2020, 160, 63.	4.7	42
45	Multiband Polarimetric Imaging of HR 4796A with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020, 160, 79.	4.7	22
46	A Search for Polarized Thermal Emission from Directly Imaged Exoplanets and Brown Dwarf Companions to Nearby Stars. <i>Astronomical Journal</i> , 2020, 160, 286.	4.7	7
47	Beyond Equilibrium Temperature: How the Atmosphere/Interior Connection Affects the Onset of Methane, Ammonia, and Clouds in Warm Transiting Giant Planets. <i>Astronomical Journal</i> , 2020, 160, 288.	4.7	55
48	Cloud Atlas: Unraveling the Vertical Cloud Structure with the Time-series Spectrophotometry of an Unusually Red Brown Dwarf. <i>Astrophysical Journal</i> , 2020, 903, 15.	4.5	12
49	Retrieval of the d/sdL7+T7.5p Binary SDSS J1416+1348AB. <i>Astrophysical Journal</i> , 2020, 905, 46.	4.5	24
50	Into the UV: The Atmosphere of the Hot Jupiter HAT-P-41b Revealed. <i>Astrophysical Journal Letters</i> , 2020, 902, L19.	8.3	25
51	Chemistry of Temperate Super-Earth and Mini-Neptune Atmospheric Hazes from Laboratory Experiments. <i>Planetary Science Journal</i> , 2020, 1, 17.	3.6	34
52	Haze Formation in Warm H <sub>2</sub> -rich Exoplanet Atmospheres. <i>Planetary Science Journal</i> , 2020, 1, 51.	3.6	34
53	The Hubble Space Telescope PanCET Program: Exospheric Mg ii and Fe ii in the Near-ultraviolet Transmission Spectrum of WASP-121b Using Jitter Decorrelation. <i>Astronomical Journal</i> , 2019, 158, 91.	4.7	112
54	An emission spectrum for WASP-121b measured across the 0.8–1.1- $\mu$ m wavelength range using the Hubble Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2222-2234.	4.4	61

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55	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
56	Reflected Light Phase Curves in the TESS Era. <i>Astronomical Journal</i> , 2019, 158, 66.	4.7	13
57	Measuring the D/H Ratios of Exoplanets and Brown Dwarfs. <i>Astrophysical Journal Letters</i> , 2019, 882, L29.	8.3	17
58	Cassini Ring Seismology as a Probe of Saturn's Interior. I. Rigid Rotation. <i>Astrophysical Journal</i> , 2019, 871, 1.	4.5	70
59	Cloud Atlas: High-contrast Time-resolved Observations of Planetary-mass Companions. <i>Astronomical Journal</i> , 2019, 157, 128.	4.7	21
60	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
61	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.	4.7	32
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.	8.3	27
63	3.8 $\mu$ m Imaging of 400–600 K Brown Dwarfs and Orbital Constraints for WISEP J045853.90+643452.6AB. <i>Astrophysical Journal</i> , 2019, 882, 117.	4.5	11
64	Spitzer Phase Curves of KELT-1b and the Signatures of Nightside Clouds in Thermal Phase Observations. <i>Astronomical Journal</i> , 2019, 158, 166.	4.7	63
65	The Possible Astrometric Signature of a Planetary-mass Companion to the Nearby Young Star TW Piscis Austrini (Fomalhaut B): Constraints from Astrometry, Radial Velocities, and Direct Imaging. <i>Astronomical Journal</i> , 2019, 158, 225.	4.7	8
66	Detection of a Low-mass Stellar Companion to the Accelerating A2IV Star HR 1645. <i>Astronomical Journal</i> , 2019, 158, 226.	4.7	5
67	Exoplanet Reflected-light Spectroscopy with PICASO. <i>Astrophysical Journal</i> , 2019, 878, 70.	4.5	68
68	Gas Phase Chemistry of Cool Exoplanet Atmospheres: Insight from Laboratory Simulations. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 39-50.	2.7	38
69	Asymmetries in adaptive optics point spread functions. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.8	6
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.	4.5	17
71	An Empirical Mass–Radius Relation for Cool Giant Planets. <i>Research Notes of the AAS</i> , 2019, 3, 128.	0.7	8
72	Exploration of the dynamical phase space of stars with known planets. , 2019, , .		4

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73	Haze production rates in super-Earth and mini-Neptune atmosphere experiments. <i>Nature Astronomy</i> , 2018, 2, 303-306.	10.1	93
74	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.	4.7	28
75	GPI Spectra of HR 8799 c, d, and e from 1.5 to 2.4 $\mu$ m with KLIP Forward Modeling. <i>Astronomical Journal</i> , 2018, 155, 226.	4.7	50
76	An L Band Spectrum of the Coldest Brown Dwarf. <i>Astrophysical Journal</i> , 2018, 858, 97.	4.5	39
77	Radiative Transfer for Exoplanet Atmospheres. , 2018, , 2137-2152.		1
78	An Optical Transmission Spectrum for the Ultra-hot Jupiter WASP-121b Measured with the Hubble Space Telescope. <i>Astronomical Journal</i> , 2018, 156, 283.	4.7	106
79	The Interior of Saturn. , 2018, , 44-68.		6
80	Color Classification of Extrasolar Giant Planets: Prospects and Cautions. <i>Astronomical Journal</i> , 2018, 156, 158.	4.7	24
81	From thermal dissociation to condensation in the atmospheres of ultra hot Jupiters: WASP-121b in context. <i>Astronomy and Astrophysics</i> , 2018, 617, A110.	5.1	230
82	Dynamical Constraints on the HR 8799 Planets with GPI. <i>Astronomical Journal</i> , 2018, 156, 192.	4.7	95
83	The direct detection of the irradiated brown dwarf in the white dwarfâ€“brown dwarf binary SDSSâ€“J141126.20+200911.1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5216-5222.	4.4	20
84	Exploring H <sub>2</sub> O Prominence in Reflection Spectra of Cool Giant Planets. <i>Astrophysical Journal</i> , 2018, 858, 69.	4.5	20
85	Cloud Atlas: Rotational Modulations in the L/T Transition Brown Dwarf Companion HN Peg B. <i>Astronomical Journal</i> , 2018, 155, 132.	4.7	27
86	Sedimentation Efficiency of Condensation Clouds in Substellar Atmospheres. <i>Astrophysical Journal</i> , 2018, 855, 86.	4.5	63
87	Photochemical Haze Formation in the Atmospheres of Super-Earths and Mini-Neptunes. <i>Astronomical Journal</i> , 2018, 156, 38.	4.7	59
88	Characterizing Earth Analogs in Reflected Light: Atmospheric Retrieval Studies for Future Space Telescopes. <i>Astronomical Journal</i> , 2018, 155, 200.	4.7	94
89	Atmospheric Retrieval for Direct Imaging Spectroscopy of Gas Giants in Reflected Light. II. Orbital Phase and Planetary Radius. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 034401.	3.1	39
90	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

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91	Characterizing 51 Eri b from 1 to 5 $\mu$ m: A Partly Cloudy Exoplanet. <i>Astronomical Journal</i> , 2017, 154, 10.	4.7	110
92	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
93	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
94	A 2.4 $\mu$ m Near-IR Spectrum of the Giant Planet $\beta$ Pictoris b Obtained with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2017, 153, 182.	4.7	92
95	Time-series Analysis of Broadband Photometry of Neptune from K2. <i>Astronomical Journal</i> , 2017, 153, 149.	4.7	9
96	Sulfur Hazes in Giant Exoplanet Atmospheres: Impacts on Reflected Light Spectra. <i>Astronomical Journal</i> , 2017, 153, 139.	4.7	71
97	Radiative Transfer for Exoplanet Atmospheres. , 2017, , 1-16.		0
98	An ultrahot gas-giant exoplanet with a stratosphere. <i>Nature</i> , 2017, 548, 58-61.	27.8	192
99	Zones, spots, and planetary-scale waves beating in brown dwarf atmospheres. <i>Science</i> , 2017, 357, 683-687.	12.6	75
100	FORWARD AND INVERSE MODELING OF THE EMISSION AND TRANSMISSION SPECTRUM OF GJ 436B: INVESTIGATING METAL ENRICHMENT, TIDAL HEATING, AND CLOUDS. <i>Astronomical Journal</i> , 2017, 153, 86.	4.7	122
101	High-temperature condensate clouds in super-hot Jupiter atmospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4247-4254.	4.4	120
102	Retrieval of atmospheric properties of cloudy L dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1177-1197.	4.4	81
103	Uniform Atmospheric Retrieval Analysis of Ultracool Dwarfs. II. Properties of 11 T dwarfs. <i>Astrophysical Journal</i> , 2017, 848, 83.	4.5	80
104	PHOTOLYTIC HAZES IN THE ATMOSPHERE OF 51 ERI B. <i>Astrophysical Journal</i> , 2016, 824, 137.	4.5	91
105	THE FIRST DETECTION OF PHOTOMETRIC VARIABILITY IN A Y DWARF: WISE J140518.39+553421.3. <i>Astrophysical Journal</i> , 2016, 823, 152.	4.5	42
106	JUPITER'S PHASE VARIATIONS FROM CASSINI: A TESTBED FOR FUTURE DIRECT-IMAGING MISSIONS. <i>Astronomical Journal</i> , 2016, 152, 209.	4.7	32
107	NEAR-INFRARED SPECTROSCOPY OF THE Y0 WISEP J173835.52+273258.9 AND THE Y1 WISE J035000.32+565830.2: THE IMPORTANCE OF NON-EQUILIBRIUM CHEMISTRY. <i>Astrophysical Journal</i> , 2016, 824, 2.	4.5	15
108	OBSERVED VARIABILITY AT 1 and 4 $\mu$ m IN THE Y0 BROWN DWARF WISEP J173835.52+273258.9. <i>Astrophysical Journal</i> , 2016, 830, 141.	4.5	30

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109	MAPS OF EVOLVING CLOUD STRUCTURES IN LUHMAN 16AB FROM HST TIME-RESOLVED SPECTROSCOPY. <i>Astrophysical Journal</i> , 2016, 825, 90.	4.5	33
110	Characterizing Rocky and Gaseous Exoplanets with 2 m Class Space-based Coronagraphs. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 025003.	3.1	90
111	DISCOVERY OF A SUBSTELLAR COMPANION TO THE NEARBY DEBRIS DISK HOST HR 2562. <i>Astrophysical Journal Letters</i> , 2016, 829, L4.	8.3	60
112	SPITZER SPACE TELESCOPE MID-IR LIGHT CURVES OF NEPTUNE. <i>Astronomical Journal</i> , 2016, 152, 142.	4.7	12
113	THE ATMOSPHERIC CIRCULATION OF A NINE-HOT-JUPITER SAMPLE: PROBING CIRCULATION AND CHEMISTRY OVER A WIDE PHASE SPACE. <i>Astrophysical Journal</i> , 2016, 821, 9.	4.5	134
114	THE FIRST SPECTRUM OF THE COLDEST BROWN DWARF. <i>Astrophysical Journal Letters</i> , 2016, 826, L17.	8.3	46
115	THE ORBIT AND TRANSIT PROSPECTS FOR $\hat{\iota}^2$ PICTORIS b CONSTRAINED WITH ONE MILLIARCSECOND ASTROMETRY. <i>Astronomical Journal</i> , 2016, 152, 97.	4.7	95
116	ON THE COMPOSITION OF YOUNG, DIRECTLY IMAGED GIANT PLANETS. <i>Astrophysical Journal</i> , 2016, 829, 66.	4.5	59
117	TRANSITIONS IN THE CLOUD COMPOSITION OF HOT JUPITERS. <i>Astrophysical Journal</i> , 2016, 828, 22.	4.5	238
118	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.	4.5	77
119	THE LEECH EXOPLANET IMAGING SURVEY: CHARACTERIZATION OF THE COLDEST DIRECTLY IMAGED EXOPLANET, GJ 504 b, AND EVIDENCE FOR SUPERSTELLAR METALLICITY*. <i>Astrophysical Journal</i> , 2016, 817, 166.	4.5	68
120	IMAGING AN 80 au RADIUS DUST RING AROUND THE F5V STAR HD 157587. <i>Astronomical Journal</i> , 2016, 152, 128.	4.7	19
121	DEVELOPING ATMOSPHERIC RETRIEVAL METHODS FOR DIRECT IMAGING SPECTROSCOPY OF GAS GIANTS IN REFLECTED LIGHT. I. METHANE ABUNDANCES AND BASIC CLOUD PROPERTIES. <i>Astronomical Journal</i> , 2016, 152, 217.	4.7	76
122	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
123	POINT SOURCE POLARIMETRY WITH THE GEMINI PLANET IMAGER: SENSITIVITY CHARACTERIZATION WITH T5.5 DWARF COMPANION HD 19467 B. <i>Astrophysical Journal</i> , 2016, 820, 111.	4.5	25
124	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.	8.3	58
125	A DISTANT MIRROR: SOLAR OSCILLATIONS OBSERVED ON NEPTUNE BY THE KEPLER K2 MISSION. <i>Astrophysical Journal Letters</i> , 2016, 833, L13.	8.3	8
126	THE HUNT FOR PLANET NINE: ATMOSPHERE, SPECTRA, EVOLUTION, AND DETECTABILITY. <i>Astrophysical Journal Letters</i> , 2016, 824, L25.	8.3	53



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127	DETECTING EXOMOONS AROUND SELF-LUMINOUS GIANT EXOPLANETS THROUGH POLARIZATION. <i>Astrophysical Journal</i> , 2016, 824, 76.	4.5	43
128	NEPTUNE'S DYNAMIC ATMOSPHERE FROM KEPLER K2 OBSERVATIONS: IMPLICATIONS FOR BROWN DWARF LIGHT CURVE ANALYSES. <i>Astrophysical Journal</i> , 2016, 817, 162.	4.5	39
129	DISCOVERY OF ROTATIONAL MODULATIONS IN THE PLANETARY-MASS COMPANION 2M1207b: INTERMEDIATE ROTATION PERIOD AND HETEROGENEOUS CLOUDS IN A LOW GRAVITY ATMOSPHERE. <i>Astrophysical Journal</i> , 2016, 818, 176.	4.5	98
130	EXPLORING THE ROLE OF SUB-MICRON-SIZED DUST GRAINS IN THE ATMOSPHERES OF RED LOW-MASS DWARFS. <i>Astrophysical Journal</i> , 2016, 830, 96.	4.5	44
131	Low-gravity L Dwarfs Are Likely More Variable. <i>Proceedings of the International Astronomical Union</i> , 2015, 10, 121-123.	0.0	0
132	CLOUD STRUCTURE OF THE NEAREST BROWN DWARFS. II. HIGH-AMPLITUDE VARIABILITY FOR LUHMAN 16 A AND B IN AND OUT OF THE 0.99 $\mu\text{m}$ FeH FEATURE. <i>Astrophysical Journal</i> , 2015, 812, 163.	4.5	38
133	$\hat{\rho}^2$ PICTORIS'S INNER DISK IN POLARIZED LIGHT AND NEW ORBITAL PARAMETERS FOR $\hat{\rho}^2$ PICTORIS b. <i>Astrophysical Journal</i> , 2015, 811, 18.	4.5	108
134	THERMAL EMISSION AND REFLECTED LIGHT SPECTRA OF SUPER EARTHS WITH FLAT TRANSMISSION SPECTRA. <i>Astrophysical Journal</i> , 2015, 815, 110.	4.5	196
135	Molecules, Dust and Ices in Brown Dwarf Atmospheres. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, .	0.0	0
136	Exo-C: a probe-scale space observatory for direct imaging and spectroscopy of extrasolar planetary systems. <i>Proceedings of SPIE</i> , 2015, , .	0.8	6
137	NEAR-INFRARED PHOTOMETRY OF Y DWARFS: LOW AMMONIA ABUNDANCE AND THE ONSET OF WATER CLOUDS. <i>Astrophysical Journal</i> , 2015, 799, 37.	4.5	56
138	CLOUD STRUCTURE OF THE NEAREST BROWN DWARFS: SPECTROSCOPIC VARIABILITY OF LUHMAN 16AB FROM THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2015, 798, 127.	4.5	60
139	WEATHER ON OTHER WORLDS. II. SURVEY RESULTS: SPOTS ARE UBIQUITOUS ON L AND T DWARFS. <i>Astrophysical Journal</i> , 2015, 799, 154.	4.5	206
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