

Mark Marley

List of Publications by Year in descending order

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Version: 2024-02-01

274
papers

22,908
citations

7069

78
h-index

11030

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.	1.6	28
2	A New Sedimentation Model for Greater Cloud Diversity in Giant Exoplanets and Brown Dwarfs. <i>Astrophysical Journal</i> , 2022, 925, 33.	1.6	16
3	Diurnal variations in the stratosphere of the ultrahot giant exoplanet WASP-121b. <i>Nature Astronomy</i> , 2022, 6, 471-479.	4.2	26
4	Polarization of Rotationally Oblate Self-luminous Exoplanets with Anisotropic Atmospheres. <i>Astrophysical Journal</i> , 2022, 927, 51.	1.6	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.	3.0	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.	1.1	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.	1.9	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.	1.9	4
9	Weather on Other Worlds. V. The Three Most Rapidly Rotating Ultra-cool Dwarfs. <i>Astronomical Journal</i> , 2021, 161, 224.	1.9	30
10	Cloud Parameterizations and their Effect on Retrievals of Exoplanet Reflection Spectroscopy. <i>Astrophysical Journal</i> , 2021, 910, 158.	1.6	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.	1.6	39
12	EXOPLINES: Molecular Absorption Cross-section Database for Brown Dwarf and Giant Exoplanet Atmospheres. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 34.	3.0	37
13	Uniform Forward-modeling Analysis of Ultracool Dwarfs. I. Methodology and Benchmarking. <i>Astrophysical Journal</i> , 2021, 916, 53.	1.6	15
14	Variable Irradiation on 1D Cloudless Eccentric Exoplanet Atmospheres. <i>Astrophysical Journal</i> , 2021, 915, 41.	1.6	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.	1.6	12
16	Following the Lithium: Tracing Li-bearing Molecules across Age, Mass, and Gravity in Brown Dwarfs. <i>Astrophysical Journal</i> , 2021, 919, 21.	1.6	7
17	Detection and Bulk Properties of the HR 8799 Planets with High-resolution Spectroscopy. <i>Astronomical Journal</i> , 2021, 162, 148.	1.9	39
18	Gemini Planet Imager Spectroscopy of the Dusty Substellar Companion HD 206893 B. <i>Astronomical Journal</i> , 2021, 161, 5.	1.9	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.	1.6	114
20	An Improved Near-infrared Spectrum of the Archetype Y Dwarf WISEP J182831.08+265037.8. <i>Astrophysical Journal</i> , 2021, 920, 20.	1.6	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.	1.6	4
22	Uniform Forward-modeling Analysis of Ultracool Dwarfs. II. Atmospheric Properties of 55 Late-T Dwarfs. <i>Astrophysical Journal</i> , 2021, 921, 95.	1.6	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.	1.6	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.	1.6	23
25	Modeling Polarization Signals from Cloudy Brown Dwarfs Luhman 16 A and B in Three Dimensions. <i>Astrophysical Journal</i> , 2021, 923, 113.	1.6	6
26	The First Retrieval of a Substellar Subdwarf: A Cloud-free SDSS J125637.13â€“022452.4. <i>Astrophysical Journal</i> , 2021, 923, 19.	1.6	14
27	Detecting and Characterizing Water Vapor in the Atmospheres of Earth Analogs through Observation of the 0.94 $\hat{1}$ / ₄ m Feature in Reflected Light. <i>Astronomical Journal</i> , 2020, 159, 36.	1.9	7
28	HD 165054: An Astrometric Calibration Field for High-contrast Imagers in Baadeâ€™s Window. <i>Astronomical Journal</i> , 2020, 159, 244.	1.9	1
29	The Gemini Planet Imager View of the HD 32297 Debris Disk. <i>Astronomical Journal</i> , 2020, 159, 251.	1.9	19
30	Transmission Spectroscopy of WASP-79b from 0.6 to 5.0 $\hat{1}$ / ₄ m. <i>Astronomical Journal</i> , 2020, 159, 5.	1.9	22
31	Detection of Polarization due to Cloud Bands in the Nearby Luhman 16 Brown Dwarf Binary. <i>Astrophysical Journal</i> , 2020, 894, 42.	1.6	23
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	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.	1.0	6
34	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.	1.9	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.	1.9	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.	1.6	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.	1.9	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.	1.9	16
39	Sulfur-driven haze formation in warm CO ₂ -rich exoplanet atmospheres. <i>Nature Astronomy</i> , 2020, 4, 986-993.	4.2	33
40	NLTT5306B: an inflated, weakly irradiated brown dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5318-5324.	1.6	14
41	Revised astrometric calibration of the Gemini Planet Imager. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2020, 6, 1.	1.0	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.	1.9	12
43	Toward Complete Characterization: Prospects for Directly Imaging Transiting Exoplanets. <i>Astronomical Journal</i> , 2020, 159, 286.	1.9	5
44	Observations of Disequilibrium CO Chemistry in the Coldest Brown Dwarfs. <i>Astronomical Journal</i> , 2020, 160, 63.	1.9	42
45	Multiband Polarimetric Imaging of HR 4796A with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020, 160, 79.	1.9	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.	1.9	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.	1.9	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.	1.6	12
49	Retrieval of the d/sdL7+T7.5p Binary SDSS J1416+1348AB. <i>Astrophysical Journal</i> , 2020, 905, 46.	1.6	24
50	Into the UV: The Atmosphere of the Hot Jupiter HAT-P-41b Revealed. <i>Astrophysical Journal Letters</i> , 2020, 902, L19.	3.0	25
51	Chemistry of Temperate Super-Earth and Mini-Neptune Atmospheric Hazes from Laboratory Experiments. <i>Planetary Science Journal</i> , 2020, 1, 17.	1.5	34
52	Haze Formation in Warm H ₂ -rich Exoplanet Atmospheres. <i>Planetary Science Journal</i> , 2020, 1, 51.	1.5	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.	1.9	112
54	An emission spectrum for WASP-121b measured across the 0.8â€“1.1â€“m wavelength range using the Hubble Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2222-2234.	1.6	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.	1.9	3
56	Reflected Light Phase Curves in the TESS Era. <i>Astronomical Journal</i> , 2019, 158, 66.	1.9	13
57	Measuring the D/H Ratios of Exoplanets and Brown Dwarfs. <i>Astrophysical Journal Letters</i> , 2019, 882, L29.	3.0	17
58	Cassini Ring Seismology as a Probe of Saturn's Interior. I. Rigid Rotation. <i>Astrophysical Journal</i> , 2019, 871, 1.	1.6	70
59	Cloud Atlas: High-contrast Time-resolved Observations of Planetary-mass Companions. <i>Astronomical Journal</i> , 2019, 157, 128.	1.9	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.	1.9	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.	1.9	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.	3.0	27
63	3.8 μ m Imaging of 400–600 K Brown Dwarfs and Orbital Constraints for WISEP J045853.90+643452.6AB. <i>Astrophysical Journal</i> , 2019, 882, 117.	1.6	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.	1.9	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.	1.9	8
66	Detection of a Low-mass Stellar Companion to the Accelerating A2IV Star HR 1645. <i>Astronomical Journal</i> , 2019, 158, 226.	1.9	5
67	Exoplanet Reflected-light Spectroscopy with PICASO. <i>Astrophysical Journal</i> , 2019, 878, 70.	1.6	68
68	Gas Phase Chemistry of Cool Exoplanet Atmospheres: Insight from Laboratory Simulations. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 39-50.	1.2	38
69	Asymmetries in adaptive optics point spread functions. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.0	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.	1.6	17
71	An Empirical Mass–Radius Relation for Cool Giant Planets. <i>Research Notes of the AAS</i> , 2019, 3, 128.	0.3	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.	4.2	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.	1.9	28
75	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.	1.9	50
76	An L Band Spectrum of the Coldest Brown Dwarf. <i>Astrophysical Journal</i> , 2018, 858, 97.	1.6	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.	1.9	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.	1.9	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.	2.1	230
82	Dynamical Constraints on the HR 8799 Planets with GPI. <i>Astronomical Journal</i> , 2018, 156, 192.	1.9	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.	1.6	20
84	Exploring H ₂ O Prominence in Reflection Spectra of Cool Giant Planets. <i>Astrophysical Journal</i> , 2018, 858, 69.	1.6	20
85	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
86	Sedimentation Efficiency of Condensation Clouds in Substellar Atmospheres. <i>Astrophysical Journal</i> , 2018, 855, 86.	1.6	63
87	Photochemical Haze Formation in the Atmospheres of Super-Earths and Mini-Neptunes. <i>Astronomical Journal</i> , 2018, 156, 38.	1.9	59
88	Characterizing Earth Analogs in Reflected Light: Atmospheric Retrieval Studies for Future Space Telescopes. <i>Astronomical Journal</i> , 2018, 155, 200.	1.9	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.	1.0	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.	1.9	15

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91	Characterizing 51 Eri b from 1 to 5 μ m: A Partly Cloudy Exoplanet. <i>Astronomical Journal</i> , 2017, 154, 10.	1.9	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.	1.9	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.	1.6	96
94	A 2.4 μ m Near-IR Spectrum of the Giant Planet ρ^2 Pictoris b Obtained with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2017, 153, 182.	1.9	92
95	Time-series Analysis of Broadband Photometry of Neptune from K2. <i>Astronomical Journal</i> , 2017, 153, 149.	1.9	9
96	Sulfur Hazes in Giant Exoplanet Atmospheres: Impacts on Reflected Light Spectra. <i>Astronomical Journal</i> , 2017, 153, 139.	1.9	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.	13.7	192
99	Zones, spots, and planetary-scale waves beating in brown dwarf atmospheres. <i>Science</i> , 2017, 357, 683-687.	6.0	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.	1.9	122
101	High-temperature condensate clouds in super-hot Jupiter atmospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4247-4254.	1.6	120
102	Retrieval of atmospheric properties of cloudy L dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1177-1197.	1.6	81
103	Uniform Atmospheric Retrieval Analysis of Ultracool Dwarfs. II. Properties of 11 T dwarfs. <i>Astrophysical Journal</i> , 2017, 848, 83.	1.6	80
104	PHOTOLYTIC HAZES IN THE ATMOSPHERE OF 51 ERI B. <i>Astrophysical Journal</i> , 2016, 824, 137.	1.6	91
105	THE FIRST DETECTION OF PHOTOMETRIC VARIABILITY IN A Y DWARF: WISE J140518.39+553421.3. <i>Astrophysical Journal</i> , 2016, 823, 152.	1.6	42
106	JUPITER'S PHASE VARIATIONS FROM CASSINI: A TESTBED FOR FUTURE DIRECT-IMAGING MISSIONS. <i>Astronomical Journal</i> , 2016, 152, 209.	1.9	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.	1.6	15
108	OBSERVED VARIABILITY AT 1 and 4 μ m IN THE Y0 BROWN DWARF WISEP J173835.52+273258.9. <i>Astrophysical Journal</i> , 2016, 830, 141.	1.6	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.	1.6	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.	1.0	90
111	DISCOVERY OF A SUBSTELLAR COMPANION TO THE NEARBY DEBRIS DISK HOST HR 2562. <i>Astrophysical Journal Letters</i> , 2016, 829, L4.	3.0	60
112	SPITZER SPACE TELESCOPE MID-IR LIGHT CURVES OF NEPTUNE. <i>Astronomical Journal</i> , 2016, 152, 142.	1.9	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.	1.6	134
114	THE FIRST SPECTRUM OF THE COLDEST BROWN DWARF. <i>Astrophysical Journal Letters</i> , 2016, 826, L17.	3.0	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.	1.9	95
116	ON THE COMPOSITION OF YOUNG, DIRECTLY IMAGED GIANT PLANETS. <i>Astrophysical Journal</i> , 2016, 829, 66.	1.6	59
117	TRANSITIONS IN THE CLOUD COMPOSITION OF HOT JUPITERS. <i>Astrophysical Journal</i> , 2016, 828, 22.	1.6	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.	1.6	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.	1.6	68
120	IMAGING AN 80 au RADIUS DUST RING AROUND THE F5V STAR HD 157587. <i>Astronomical Journal</i> , 2016, 152, 128.	1.9	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.	1.9	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.	1.9	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.	1.6	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.	3.0	58
125	A DISTANT MIRROR: SOLAR OSCILLATIONS OBSERVED ON NEPTUNE BY THE KEPLER K2 MISSION. <i>Astrophysical Journal Letters</i> , 2016, 833, L13.	3.0	8
126	THE HUNT FOR PLANET NINE: ATMOSPHERE, SPECTRA, EVOLUTION, AND DETECTABILITY. <i>Astrophysical Journal Letters</i> , 2016, 824, L25.	3.0	53

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127	DETECTING EXOMOONS AROUND SELF-LUMINOUS GIANT EXOPLANETS THROUGH POLARIZATION. <i>Astrophysical Journal</i> , 2016, 824, 76.	1.6	43
128	NEPTUNE'S DYNAMIC ATMOSPHERE FROM KEPLER K2 OBSERVATIONS: IMPLICATIONS FOR BROWN DWARF LIGHT CURVE ANALYSES. <i>Astrophysical Journal</i> , 2016, 817, 162.	1.6	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.	1.6	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.	1.6	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 μm FeH FEATURE. <i>Astrophysical Journal</i> , 2015, 812, 163.	1.6	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.	1.6	108
134	THERMAL EMISSION AND REFLECTED LIGHT SPECTRA OF SUPER EARTHS WITH FLAT TRANSMISSION SPECTRA. <i>Astrophysical Journal</i> , 2015, 815, 110.	1.6	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.	1.6	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.	1.6	60
139	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
140	HST 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
141	THE FIRST H-BAND SPECTRUM OF THE GIANT PLANET $\hat{\rho}^2$ PICTORIS b. <i>Astrophysical Journal Letters</i> , 2015, 798, L3.	3.0	61
142	EFFECT OF LONGITUDE-DEPENDENT CLOUD COVERAGE ON EXOPLANET VISIBLE WAVELENGTH REFLECTED-LIGHT PHASE CURVES. <i>Astrophysical Journal</i> , 2015, 804, 94.	1.6	56
143	Discovery and spectroscopy of the young jovian planet 51 Eri b with the Gemini Planet Imager. <i>Science</i> , 2015, 350, 64-67.	6.0	459
144	Multiwaveband photometry of the irradiated brown dwarf WD0137 $\hat{\rho}^2$ 349B. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 3218-3226.	1.6	44

#	ARTICLE	IF	CITATIONS
145	UNIFORM ATMOSPHERIC RETRIEVAL ANALYSIS OF ULTRACOOL DWARFS. I. CHARACTERIZING BENCHMARKS, Gl 570D AND HD 3651B. <i>Astrophysical Journal</i> , 2015, 807, 183.	1.6	101
146	A non-grey analytical model for irradiated atmospheres. <i>Astronomy and Astrophysics</i> , 2015, 574, A35.	2.1	65
147	Albedo. , 2015, , 60-61.		0
148	Exoplanets, Modeling Giant Planetsâ€™ Atmospheres. , 2015, , 798-808.		0
149	Clouds. , 2015, , 485-487.		0
150	GASEOUS MEAN OPACITIES FOR GIANT PLANET AND ULTRACOOL DWARF ATMOSPHERES OVER A RANGE OF METALLICITIES AND TEMPERATURES. <i>Astrophysical Journal, Supplement Series</i> , 2014, 214, 25.	3.0	259
151	<i>WISE</i> DWARFS AS PROBES OF THE BROWN DWARF-EXOPLANET CONNECTION. <i>Astrophysical Journal</i> , 2014, 783, 68.	1.6	82
152	Discovery of a new Y dwarf: WISE J030449.03âˆ²270508.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1931-1939.	1.6	24
153	Titan solar occultation observations reveal transit spectra of a hazy world. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9042-9047.	3.3	80
154	METHANE, CARBON MONOXIDE, AND AMMONIA IN BROWN DWARFS AND SELF-LUMINOUS GIANT PLANETS. <i>Astrophysical Journal</i> , 2014, 797, 41.	1.6	149
155	SPECTRAL VARIABILITY FROM THE PATCHY ATMOSPHERES OF T AND Y DWARFS. <i>Astrophysical Journal Letters</i> , 2014, 789, L14.	3.0	46
156	A DATA-DRIVEN APPROACH FOR RETRIEVING TEMPERATURES AND ABUNDANCES IN BROWN DWARF ATMOSPHERES. <i>Astrophysical Journal</i> , 2014, 793, 33.	1.6	36
157	TEMPERATURE FLUCTUATIONS AS A SOURCE OF BROWN DWARF VARIABILITY. <i>Astrophysical Journal</i> , 2014, 785, 158.	1.6	52
158	THE ATMOSPHERIC CIRCULATION OF THE SUPER EARTH GJ 1214b: DEPENDENCE ON COMPOSITION AND METALLICITY. <i>Astrophysical Journal</i> , 2014, 785, 92.	1.6	58
159	DIRECTLY IMAGED L-T TRANSITION EXOPLANETS IN THE MID-INFRARED. <i>Astrophysical Journal</i> , 2014, 792, 17.	1.6	112
160	WATER CLOUDS IN Y DWARFS AND EXOPLANETS. <i>Astrophysical Journal</i> , 2014, 787, 78.	1.6	160
161	First light of the Gemini Planet Imager. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12661-12666.	3.3	472
162	THE ATMOSPHERES OF EARTHLIKE PLANETS AFTER GIANT IMPACT EVENTS. <i>Astrophysical Journal</i> , 2014, 784, 27.	1.6	132

#	ARTICLE	IF	CITATIONS
163	RESOLVED SPECTROSCOPY OF THE T8.5 AND Y0-0.5 BINARY WISEPC J121756.91+162640.2AB. <i>Astrophysical Journal</i> , 2014, 780, 62.	1.6	14
164	ATMOSPHERIC CIRCULATION OF ECCENTRIC HOT JUPITER HAT-P-2B. <i>Astrophysical Journal</i> , 2014, 795, 150.	1.6	45
165	GEMINI PLANET IMAGER SPECTROSCOPY OF THE HR 8799 PLANETS c AND d. <i>Astrophysical Journal Letters</i> , 2014, 794, L15.	3.0	80
166	CLOUD BASE SIGNATURE IN TRANSMISSION SPECTRA OF EXOPLANET ATMOSPHERES. <i>Astrophysical Journal Letters</i> , 2014, 789, L11.	3.0	38
167	Saturn ring seismology: Looking beyond first order resonances. <i>Icarus</i> , 2014, 234, 194-199.	1.1	16
168	Exoplanets, Modeling Giant Planets's™ Atmospheres. , 2014, , 1-11.		0
169	Clouds. , 2014, , 1-4.		0
170	Albedo. , 2014, , 1-2.		0
171	76 T dwarfs from the UKIDSS LAS: benchmarks, kinematics and an updated space density. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 457-497.	1.6	108
172	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
173	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
174	QUANTITATIVELY ASSESSING THE ROLE OF CLOUDS IN THE TRANSMISSION SPECTRUM OF GJ 1214b. <i>Astrophysical Journal</i> , 2013, 775, 33.	1.6	189
175	THREE-DIMENSIONAL ATMOSPHERIC CIRCULATION OF HOT JUPITERS ON HIGHLY ECCENTRIC ORBITS. <i>Astrophysical Journal</i> , 2013, 767, 76.	1.6	72
176	Probing an Extrasolar Planet. <i>Science</i> , 2013, 339, 1393-1394.	6.0	2
177	A COMPARISON OF NEAR-INFRARED PHOTOMETRY AND SPECTRA FOR Y DWARFS WITH A NEW GENERATION OF COOL CLOUDY MODELS. <i>Astrophysical Journal</i> , 2013, 763, 130.	1.6	63
178	Clouds and Hazes in Exoplanet Atmospheres. , 2013, , .		52
179	NEW H₂ COLLISION-INDUCED ABSORPTION AND NH₃ OPACITY AND THE SPECTRA OF THE COOLEST BROWN DWARFS. <i>Astrophysical Journal</i> , 2012, 750, 74.	1.6	104
180	NEGLECTED CLOUDS IN T AND Y DWARF ATMOSPHERES. <i>Astrophysical Journal</i> , 2012, 756, 172.	1.6	342

#	ARTICLE	IF	CITATIONS
181	THE PROPERTIES OF THE 500 K DWARF UGPS J072227.51â€“054031.2 AND A STUDY OF THE FAR-RED FLUX OF COLD BROWN DWARFS. <i>Astrophysical Journal</i> , 2012, 748, 74.	1.6	55
182	MASSES, RADII, AND CLOUD PROPERTIES OF THE HR 8799 PLANETS. <i>Astrophysical Journal</i> , 2012, 754, 135.	1.6	217
183	CONFIRMATION OF ONE OF THE COLDEST KNOWN BROWN DWARFS. <i>Astrophysical Journal</i> , 2012, 744, 135.	1.6	50
184	VERTICAL ATMOSPHERIC STRUCTURE IN A VARIABLE BROWN DWARF: PRESSURE-DEPENDENT PHASE SHIFTS IN SIMULTANEOUS <i>HUBBLE SPACE TELESCOPE</i> - <i>SPITZER</i> LIGHT CURVES. <i>Astrophysical Journal Letters</i> , 2012, 760, L31.	3.0	109
185	Forward and inverse modeling for jovian seismology. <i>Icarus</i> , 2012, 220, 844-854.	1.1	11
186	LARGE-AMPLITUDE VARIATIONS OF AN L/T TRANSITION BROWN DWARF: MULTI-WAVELENGTH OBSERVATIONS OF PATCHY, HIGH-CONTRAST CLOUD FEATURES. <i>Astrophysical Journal</i> , 2012, 750, 105.	1.6	210
187	THE FIRST ULTRA-COOL BROWN DWARF DISCOVERED BY THE WIDE-FIELD INFRARED SURVEY EXPLORER. <i>Astrophysical Journal</i> , 2011, 726, 30.	1.6	85
188	ON THE VOLATILE ENRICHMENTS AND HEAVY ELEMENT CONTENT IN HD189733b. <i>Astrophysical Journal</i> , 2011, 727, 77.	1.6	38
189	THE DISCOVERY OF Y DWARFS USING DATA FROM THE <i>WIDE-FIELD INFRARED SURVEY EXPLORER</i> (<i>WISE</i>). <i>Astrophysical Journal</i> , 2011, 743, 50.	1.6	303
190	SELF-CONSISTENT MODEL ATMOSPHERES AND THE COOLING OF THE SOLAR SYSTEM'S GIANT PLANETS. <i>Astrophysical Journal</i> , 2011, 729, 32.	1.6	115
191	The properties of the T8.5p dwarf Ross 458C. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 3590-3598.	1.6	88
192	Probing the physical properties of directly imaged gas giant exoplanets through polarization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 2874-2881.	1.6	70
193	Multiple scattering polarization â€“ Application of Chandrasekharâ€™s formalisms to the atmosphere of brown dwarfs and extrasolar planets. <i>Pramana - Journal of Physics</i> , 2011, 77, 157-168.	0.9	2
194	DISEQUILIBRIUM CARBON, OXYGEN, AND NITROGEN CHEMISTRY IN THE ATMOSPHERES OF HD 189733b AND HD 209458b. <i>Astrophysical Journal</i> , 2011, 737, 15.	1.6	374
195	ATMOSPHERIC CIRCULATION OF ECCENTRIC HOT NEPTUNE GJ436b. <i>Astrophysical Journal</i> , 2010, 720, 344-356.	1.6	131
196	MID-INFRARED PHOTOMETRY OF COLD BROWN DWARFS: DIVERSITY IN AGE, MASS, AND METALLICITY. <i>Astrophysical Journal</i> , 2010, 710, 1627-1640.	1.6	146
197	CLOUDS IN THE COLDEST BROWN DWARFS: FIRE SPECTROSCOPY OF ROSS 458C. <i>Astrophysical Journal</i> , 2010, 725, 1405-1420.	1.6	117
198	PROPERTIES OF THE T8.5 DWARF WOLF 940 B. <i>Astrophysical Journal</i> , 2010, 720, 252-258.	1.6	26

#	ARTICLE	IF	CITATIONS
199	TRANSMISSION SPECTRA OF THREE-DIMENSIONAL HOT JUPITER MODEL ATMOSPHERES. <i>Astrophysical Journal</i> , 2010, 709, 1396-1406.	1.6	254
200	A PATCHY CLOUD MODEL FOR THE L TO T DWARF TRANSITION. <i>Astrophysical Journal Letters</i> , 2010, 723, L117-L121.	3.0	164
201	OBSERVED POLARIZATION OF BROWN DWARFS SUGGESTS LOW SURFACE GRAVITY. <i>Astrophysical Journal Letters</i> , 2010, 722, L142-L146.	3.0	44
202	EXOPLANET ALBEDO SPECTRA AND COLORS AS A FUNCTION OF PLANET PHASE, SEPARATION, AND METALLICITY. <i>Astrophysical Journal</i> , 2010, 724, 189-214.	1.6	146
203	The Atmospheres of Extrasolar Planets. <i>EAS Publications Series</i> , 2010, 41, 411-428.	0.3	26
204	SDSS J141624.08+134826.7: BLUE L DWARFS AND NON-EQUILIBRIUM CHEMISTRY. <i>Astronomical Journal</i> , 2010, 140, 1428-1432.	1.9	38
205	MULTIPLE SCATTERING POLARIZATION OF SUBSTELLAR-MASS OBJECTS: T DWARFS. <i>Astrophysical Journal</i> , 2009, 707, 716-726.	1.6	29
206	SPECTROSCOPIC DETECTION OF CARBON MONOXIDE IN TWO LATE-TYPE T DWARFS. <i>Astrophysical Journal</i> , 2009, 695, 844-854.	1.6	51
207	THE PHYSICAL PROPERTIES OF FOUR ≈ 600 K T DWARFS. <i>Astrophysical Journal</i> , 2009, 695, 1517-1526.	1.6	72
208	ATMOSPHERIC SULFUR PHOTOCHEMISTRY ON HOT JUPITERS. <i>Astrophysical Journal</i> , 2009, 701, L20-L24.	1.6	248
209	ATMOSPHERIC CIRCULATION OF HOT JUPITERS: COUPLED RADIATIVE-DYNAMICAL GENERAL CIRCULATION MODEL SIMULATIONS OF HD 189733b and HD 209458b. <i>Astrophysical Journal</i> , 2009, 699, 564-584.	1.6	475
210	Science performance of the Pupil-mapping Exoplanet Coronagraphic Observer (PECO). <i>Proceedings of SPIE</i> , 2009, , .	0.8	5
211	The Future of Ultracool Dwarf Science with JWST. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2009, , 101-122.	0.3	6
212	THE 0.8-14.5 μ m SPECTRA OF MID-L TO MID-T DWARFS: DIAGNOSTICS OF EFFECTIVE TEMPERATURE, GRAIN SEDIMENTATION, GAS TRANSPORT, AND SURFACE GRAVITY. <i>Astrophysical Journal</i> , 2009, 702, 154-170.	1.6	297
213	Worlds Beyond: A Strategy for the Detection and Characterization of Exoplanets Executive Summary of a Report of the ExoPlanet Task Force Astronomy and Astrophysics Advisory Committee Washington, DC June 23, 2008. <i>Astrobiology</i> , 2008, 8, 875-881.	1.5	21
214	Exoplanets--Seeing Is Believing. <i>Science</i> , 2008, 322, 1335-1337.	6.0	0
215	A Spectroscopic Binary at the M/L Transition. <i>Astrophysical Journal</i> , 2008, 678, L125-L128.	1.6	40
216	HN Peg B: A Test of Models of the L to T Dwarf Transition. <i>Astrophysical Journal</i> , 2008, 682, 1256-1263.	1.6	41

#	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	The Evolution of L and T Dwarfs in Color-Magnitude Diagrams. <i>Astrophysical Journal</i> , 2008, 689, 1327-1344.	1.6	510
219	Line and Mean Opacities for Ultracool Dwarfs and Extrasolar Planets. <i>Astrophysical Journal</i> , Supplement Series, 2008, 174, 504-513.	3.0	396
220	Atmospheric Circulation of Hot Jupiters: Three-dimensional Circulation Models of HD 209458b and HD 189733b with Simplified Forcing. <i>Astrophysical Journal</i> , 2008, 682, 559-576.	1.6	183
221	Synthetic Spectra and Colors of Young Giant Planet Atmospheres: Effects of Initial Conditions and Atmospheric Metallicity. <i>Astrophysical Journal</i> , 2008, 683, 1104-1116.	1.6	243
222	CLOUDS search for variability in brown dwarf atmospheres. <i>Astronomy and Astrophysics</i> , 2008, 487, 277-292.	2.1	23
223	Planetary Radii across Five Orders of Magnitude in Mass and Stellar Insolation: Application to Transits. <i>Astrophysical Journal</i> , 2007, 659, 1661-1672.	1.6	790
224	3.6-7.9 μ m Photometry of L and T Dwarfs and the Prevalence of Vertical Mixing in their Atmospheres. <i>Astrophysical Journal</i> , 2007, 655, 1079-1094.	1.6	77
225	Moderate-Resolution Spitzer Infrared Spectrograph Observations of M, L, and T Dwarfs. <i>Astrophysical Journal</i> , 2007, 662, 1245-1253.	1.6	23
226	Physical Parameters of Two Very Cool T Dwarfs. <i>Astrophysical Journal</i> , 2007, 656, 1136-1149.	1.6	114
227	On the Luminosity of Young Jupiters. <i>Astrophysical Journal</i> , 2007, 655, 541-549.	1.6	388
228	Multiepoch Radial Velocity Observations of L Dwarfs. <i>Astrophysical Journal</i> , 2007, 666, 1198-1204.	1.6	53
229	Analysis of Spitzer Spectra of Irradiated Planets: Evidence for Water Vapor?. <i>Astrophysical Journal</i> , 2007, 666, L45-L48.	1.6	67
230	Physical and Spectral Characteristics of the T8 and Later Type Dwarfs. <i>Astrophysical Journal</i> , 2007, 667, 537-548.	1.6	79
231	Atmosphere, Interior, and Evolution of the Metal-rich Transiting Planet HD 149026b. <i>Astrophysical Journal</i> , 2006, 642, 495-504.	1.6	175
232	The Influence of Atmospheric Dynamics on the Infrared Spectra and Light Curves of Hot Jupiters. <i>Astrophysical Journal</i> , 2006, 652, 746-757.	1.6	161
233	Ammonia as a Tracer of Chemical Equilibrium in the T7.5 Dwarf Gliese 570D. <i>Astrophysical Journal</i> , 2006, 647, 552-557.	1.6	177
234	A Sensitive Search for Variability in Late L Dwarfs: The Quest for Weather. <i>Astrophysical Journal</i> , 2006, 653, 1454.	1.6	98

#	ARTICLE	IF	CITATIONS
235	ASpitzerInfrared Spectrograph Spectral Sequence of M, L, and T Dwarfs. <i>Astrophysical Journal</i> , 2006, 648, 614-628.	1.6	156
236	Comparative Planetary Atmospheres: Models of TrES-1 and HD 209458b. <i>Astrophysical Journal</i> , 2005, 627, L69-L72.	1.6	220
237	What can we learn about giant planets from low resolution spectra?. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 145-152.	0.0	0
238	Young Jupiters are faint: new models of the early evolution of giant planets. <i>Astronomische Nachrichten</i> , 2005, 326, 925-929.	0.6	32
239	The Role of Clouds in Brown Dwarf and Extrasolar Giant Planet Atmospheres. <i>Symposium - International Astronomical Union</i> , 2004, 202, 269-276.	0.1	0
240	L ⁺ and M ⁺ Photometry of Ultracool Dwarfs. <i>Astronomical Journal</i> , 2004, 127, 3516-3536.	1.9	406
241	Spitzer Infrared Spectrograph (IRS) Observations of M, L, and T Dwarfs. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 418-421.	3.0	61
242	Near-Infrared Photometry and Spectroscopy of L and T Dwarfs: The Effects of Temperature, Clouds, and Gravity. <i>Astronomical Journal</i> , 2004, 127, 3553-3578.	1.9	432
243	Non-equilibrium Chemistry in the Atmospheres of Brown Dwarfs. <i>Symposium - International Astronomical Union</i> , 2003, 211, 345-353.	0.1	32
244	Clouds and Chemistry: Ultracool Dwarf Atmospheric Properties from Optical and Infrared Colors. <i>Astrophysical Journal</i> , 2002, 568, 335-342.	1.6	291
245	Evidence of Cloud Disruption in the L/T Dwarf Transition. <i>Astrophysical Journal</i> , 2002, 571, L151-L154.	1.6	212
246	L Dwarf Variability: I ⁺ Band Observations. <i>Astrophysical Journal</i> , 2002, 577, 433-446.	1.6	139
247	Probing the Substellar Regime with SIRTf. <i>Publications of the Astronomical Society of the Pacific</i> , 2001, 113, 529-536.	1.0	7
248	Precipitating Condensation Clouds in Substellar Atmospheres. <i>Astrophysical Journal</i> , 2001, 556, 872-884.	1.6	620
249	Infrared Observations and Modeling of One of the Coolest T Dwarfs: Gliese 570D. <i>Astrophysical Journal</i> , 2001, 556, 373-379.	1.6	91
250	[ITAL]L/[ITAL]-Band Photometry of L and T Dwarfs. <i>Astrophysical Journal</i> , 2001, 556, L97-L101.	1.6	29
251	The Onset of Methane in L Dwarfs. <i>Astrophysical Journal</i> , 2000, 541, L75-L78.	1.6	78
252	On the Radii of Close-in Giant Planets. <i>Astrophysical Journal</i> , 2000, 534, L97-L100.	1.6	188

#	ARTICLE	IF	CITATIONS
253	The Near-Infrared and Optical Spectra of Methane Dwarfs and Brown Dwarfs. <i>Astrophysical Journal</i> , 2000, 531, 438-446.	1.6	227
254	Molecular Abundances in the Atmosphere of the T Dwarf Gl 229B. <i>Astrophysical Journal</i> , 2000, 541, 374-389.	1.6	124
255	Thermal Structure of Uranus' Atmosphere. <i>Icarus</i> , 1999, 138, 268-286.	1.1	164
256	Reflected Spectra and Albedos of Extrasolar Giant Planets. I. Clear and Cloudy Atmospheres. <i>Astrophysical Journal</i> , 1999, 513, 879-893.	1.6	249
257	The Effect of Clouds on the Visible Spectra of Extrasolar Giant Planets. <i>Earth, Moon and Planets</i> , 1998, 81, 105-106.	0.3	0
258	The Uranian Geometric Albedo: An Analysis of Atmospheric Scatterers in the Near-Infrared. <i>Icarus</i> , 1998, 132, 285-297.	1.1	4
259	The Dusty Atmosphere of the Brown Dwarf Gliese 229B. , 1998, 282, 2063-2067.		44
260	Liquid metallic hydrogen and the structure of brown dwarfs and giant planets. <i>Physics of Plasmas</i> , 1997, 4, 2011-2015.	0.7	46
261	Detection of Abundant Carbon Monoxide in the Brown Dwarf Gliese 229B. <i>Astrophysical Journal</i> , 1997, 489, L87-L90.	1.6	137
262	Atmospheric, Evolutionary, and Spectral Models of the Brown Dwarf Gliese 229 B. <i>Science</i> , 1996, 272, 1919-1921.	6.0	268
263	A Search for Seismic Waves from the Impact of the SL/9 R Fragment. <i>Icarus</i> , 1996, 121, 341-350.	1.1	17
264	Albedo Features and Jovian Seismology. <i>Icarus</i> , 1995, 114, 269-277.	1.1	11
265	Monte Carlo interior models for Uranus and Neptune. <i>Journal of Geophysical Research</i> , 1995, 100, 23349.	3.3	51
266	Seismological consequences of the collision of shoemaker-Levy/9 with Jupiter. <i>Astrophysical Journal</i> , 1994, 427, L63.	1.6	21
267	Planetary Acoustic Mode Seismology: Saturn's Rings. <i>Icarus</i> , 1993, 106, 508-524.	1.1	95
268	Nonradial oscillations of Saturn. <i>Icarus</i> , 1991, 94, 420-435.	1.1	61
269	The composition and origin of the C, P, and D asteroids: Water as a tracer of thermal evolution in the outer belt. <i>Icarus</i> , 1990, 88, 172-192.	1.1	224
270	The periodicities in the infrared excess of G29-38 - an oscillating brown dwarf?. <i>Astrophysical Journal</i> , 1990, 348, L37.	1.6	5

#	ARTICLE	IF	CITATIONS
271	Optimized Jupiter, Saturn, and Uranus interior models. <i>Icarus</i> , 1989, 78, 102-118.	1.1	148
272	Thermodynamics of dense molecular hydrogen-helium mixtures at high pressure. <i>Icarus</i> , 1988, 73, 536-544.	1.1	58
273	Evolution and Infrared Spectra of Brown Dwarfs: Erratum. <i>Astrophysical Journal</i> , 1987, 316, 473.	1.6	0
274	Evolution and infrared spectra of brown dwarfs. <i>Astrophysical Journal</i> , 1986, 310, 238.	1.6	39