

Heather A Knutson

List of Publications by Year in descending order

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126
papers

11,148
citations

30070

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36028

97
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126
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126
docs citations

126
times ranked

3330
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#	ARTICLE	IF	CITATIONS
1	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.	4.5	475
2	INFRARED TRANSMISSION SPECTROSCOPY OF THE EXOPLANETS HD 209458b AND XO-1b USING THE WIDE FIELD CAMERA-3 ON THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2013, 774, 95.	4.5	409
3	The 3.6–8.0 μ m Broadband Emission Spectrum of HD 209458b: Evidence for an Atmospheric Temperature Inversion. <i>Astrophysical Journal</i> , 2008, 673, 526-531.	4.5	386
4	THE CLIMATE OF HD 189733b FROM FOURTEEN TRANSITS AND ECLIPSES MEASURED BY SPITZER. <i>Astrophysical Journal</i> , 2010, 721, 1861-1877.	4.5	266
5	3.6 AND 4.5 μ m PHASE CURVES AND EVIDENCE FOR NON-EQUILIBRIUM CHEMISTRY IN THE ATMOSPHERE OF EXTRASOLAR PLANET HD 189733b. <i>Astrophysical Journal</i> , 2012, 754, 22.	4.5	264
6	A SYSTEMATIC RETRIEVAL ANALYSIS OF SECONDARY ECLIPSE SPECTRA. I. A COMPARISON OF ATMOSPHERIC RETRIEVAL TECHNIQUES. <i>Astrophysical Journal</i> , 2013, 775, 137.	4.5	257
7	A featureless transmission spectrum for the Neptune-mass exoplanet GJ436b. <i>Nature</i> , 2014, 505, 66-68.	27.8	255
8	The Broadband Infrared Emission Spectrum of the Exoplanet HD 189733b. <i>Astrophysical Journal</i> , 2008, 686, 1341-1348.	4.5	253
9	INFERENCE OF INHOMOGENEOUS CLOUDS IN AN EXOPLANET ATMOSPHERE. <i>Astrophysical Journal Letters</i> , 2013, 776, L25.	8.3	250
10	FRIENDS OF HOT JUPITERS. I. A RADIAL VELOCITY SEARCH FOR MASSIVE, LONG-PERIOD COMPANIONS TO CLOSE-IN GAS GIANT PLANETS. <i>Astrophysical Journal</i> , 2014, 785, 126.	4.5	245
11	A CORRELATION BETWEEN STELLAR ACTIVITY AND HOT JUPITER EMISSION SPECTRA. <i>Astrophysical Journal</i> , 2010, 720, 1569-1576.	4.5	235
12	Using Stellar Limb Darkening to Refine the Properties of HD 209458b. <i>Astrophysical Journal</i> , 2007, 655, 564-575.	4.5	225
13	SPITZER SECONDARY ECLIPSES OF THE DENSE, MODESTLY-IRRADIATED, GIANT EXOPLANET HAT-P-20b USING PIXEL-LEVEL DECORRELATION. <i>Astrophysical Journal</i> , 2015, 805, 132.	4.5	212
14	MULTIWAVELENGTH CONSTRAINTS ON THE DAY-NIGHT CIRCULATION PATTERNS OF HD 189733b. <i>Astrophysical Journal</i> , 2009, 690, 822-836.	4.5	204
15	Water Vapor and Clouds on the Habitable-zone Sub-Neptune Exoplanet K2-18b. <i>Astrophysical Journal Letters</i> , 2019, 887, L14.	8.3	183
16	SPECTROSCOPIC EVIDENCE FOR A TEMPERATURE INVERSION IN THE DAYSIDE ATMOSPHERE OF HOT JUPITER WASP-33b. <i>Astrophysical Journal</i> , 2015, 806, 146.	4.5	177
17	A SYSTEMATIC RETRIEVAL ANALYSIS OF SECONDARY ECLIPSE SPECTRA. II. A UNIFORM ANALYSIS OF NINE PLANETS AND THEIR C TO O RATIOS. <i>Astrophysical Journal</i> , 2014, 783, 70.	4.5	164
18	HUBBLE SPACE TELESCOPE NEAR-IR TRANSMISSION SPECTROSCOPY OF THE SUPER-EARTH HD 97658B. <i>Astrophysical Journal</i> , 2014, 794, 155.	4.5	164

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19	STATISTICS OF LONG PERIOD GAS GIANT PLANETS IN KNOWN PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2016, 821, 89.	4.5	158
20	ORBITAL PHASE VARIATIONS OF THE ECCENTRIC GIANT PLANET HAT-P-2b. <i>Astrophysical Journal</i> , 2013, 766, 95.	4.5	153
21	THE 4.5 μ m FULL-ORBIT PHASE CURVE OF THE HOT JUPITER HD 209458b. <i>Astrophysical Journal</i> , 2014, 790, 53.	4.5	152
22	A sub-Neptune exoplanet with a low-metallicity methane-depleted atmosphere and Mie-scattering clouds. <i>Nature Astronomy</i> , 2019, 3, 813-821.	10.1	151
23	THE DEEP BLUE COLOR OF HD 189733b: ALBEDO MEASUREMENTS WITH <i>HUBBLE SPACE TELESCOPE</i> /SPACE TELESCOPE IMAGING SPECTROGRAPH AT VISIBLE WAVELENGTHS. <i>Astrophysical Journal Letters</i> , 2013, 772, L16.	8.3	138
24	FRIENDS OF HOT JUPITERS. II. NO CORRESPONDENCE BETWEEN HOT-JUPITER SPIN-ORBIT MISALIGNMENT AND THE INCIDENCE OF DIRECTLY IMAGED STELLAR COMPANIONS. <i>Astrophysical Journal</i> , 2015, 800, 138.	4.5	137
25	3.6 AND 4.5 μ m SPITZER PHASE CURVES OF THE HIGHLY IRRADIATED HOT JUPITERS WASP-19b AND HAT-P-7b. <i>Astrophysical Journal</i> , 2016, 823, 122.	4.5	129
26	The California Legacy Survey. I. A Catalog of 178 Planets from Precision Radial Velocity Monitoring of 719 Nearby Stars over Three Decades. <i>Astrophysical Journal</i> , Supplement Series, 2021, 255, 8.	7.7	128
27	FRIENDS OF HOT JUPITERS. IV. STELLAR COMPANIONS BEYOND 50 au MIGHT FACILITATE GIANT PLANET FORMATION, BUT MOST ARE UNLIKELY TO CAUSE KOZAI-LIDOV MIGRATION. <i>Astrophysical Journal</i> , 2016, 827, 8.	4.5	123
28	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
29	THE 8 μ m PHASE VARIATION OF THE HOT SATURN HD 149026b. <i>Astrophysical Journal</i> , 2009, 703, 769-784.	4.5	116
30	A SPITZER TRANSMISSION SPECTRUM FOR THE EXOPLANET GJ 436b, EVIDENCE FOR STELLAR VARIABILITY, AND CONSTRAINTS ON DAYSIDE FLUX VARIATIONS. <i>Astrophysical Journal</i> , 2011, 735, 27.	4.5	115
31	An Excess of Jupiter Analogs in Super-Earth Systems. <i>Astronomical Journal</i> , 2019, 157, 52.	4.7	112
32	ATMOSPHERIC CHARACTERIZATION OF THE HOT JUPITER KEPLER-13Ab. <i>Astrophysical Journal</i> , 2014, 788, 92.	4.5	110
33	ELEVEN MULTIPLANET SYSTEMS FROM K2 CAMPAIGNS 1 AND 2 AND THE MASSES OF TWO HOT SUPER-EARTHS. <i>Astrophysical Journal</i> , 2016, 827, 78.	4.5	106
34	Phase Curves of WASP-33b and HD 149026b and a New Correlation between Phase Curve Offset and Irradiation Temperature. <i>Astronomical Journal</i> , 2018, 155, 83.	4.7	103
35	THE GJ 436 SYSTEM: DIRECTLY DETERMINED ASTROPHYSICAL PARAMETERS OF AN M DWARF AND IMPLICATIONS FOR THE TRANSITING HOT NEPTUNE. <i>Astrophysical Journal</i> , 2012, 753, 171.	4.5	102
36	SPITZER OBSERVATIONS CONFIRM AND RESCUE THE HABITABLE-ZONE SUPER-EARTH K2-18b FOR FUTURE CHARACTERIZATION. <i>Astrophysical Journal</i> , 2017, 834, 187.	4.5	102

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37	California Legacy Survey. II. Occurrence of Giant Planets beyond the Ice Line. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 14.	7.7	102
38	<i>SPITZER</i> TRANSITS OF THE SUPER-EARTH GJ1214b AND IMPLICATIONS FOR ITS ATMOSPHERE. <i>Astrophysical Journal</i> , 2013, 765, 127.	4.5	100
39	3.6 AND 4.5 μm PHASE CURVES OF THE HIGHLY IRRADIATED ECCENTRIC HOT JUPITER WASP-14b. <i>Astrophysical Journal</i> , 2015, 811, 122.	4.5	97
40	DETECTION OF A TEMPERATURE INVERSION IN THE BROADBAND INFRARED EMISSION SPECTRUM OF TrES-4. <i>Astrophysical Journal</i> , 2009, 691, 866-874.	4.5	96
41	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1–7. <i>Astronomical Journal</i> , 2017, 154, 207.	4.7	95
42	The Orbit of WASP-12b Is Decaying. <i>Astrophysical Journal Letters</i> , 2020, 888, L5.	8.3	94
43	WARM <i>SPITZER</i> PHOTOMETRY OF THE TRANSITING EXOPLANETS CoRoT-1 AND CoRoT-2 AT SECONDARY ECLIPSE. <i>Astrophysical Journal</i> , 2011, 726, 95.	4.5	92
44	<i>Spitzer</i> /MIPS 24 μm OBSERVATIONS OF HD 209458b: THREE ECLIPSES, TWO AND A HALF TRANSITS, AND A PHASE CURVE CORRUPTED BY INSTRUMENTAL SENSITIVITY VARIATIONS. <i>Astrophysical Journal</i> , 2012, 752, 81.	4.5	92
45	Toward Space-like Photometric Precision from the Ground with Beam-shaping Diffusers. <i>Astrophysical Journal</i> , 2017, 848, 9.	4.5	91
46	Three TM s Company: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets. <i>Astronomical Journal</i> , 2017, 154, 122.	4.7	90
47	Statistical Analysis of Hubble/WFC3 Transit Spectroscopy of Extrasolar Planets. <i>Astrophysical Journal Letters</i> , 2017, 847, L22.	8.3	88
48	THE BROADBAND INFRARED EMISSION SPECTRUM OF THE EXOPLANET TrES-3. <i>Astrophysical Journal</i> , 2010, 711, 374-379.	4.5	84
49	SECONDARY ECLIPSE PHOTOMETRY OF WASP-4b WITH WARM <i>SPITZER</i> . <i>Astrophysical Journal</i> , 2011, 727, 23.	4.5	77
50	THE EMERGENT 1.1-1.7 μm SPECTRUM OF THE EXOPLANET COROT-2B AS MEASURED USING THE <i>HUBBLE</i> SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2014, 783, 113.	4.5	77
51	WASP-12b AND HAT-P-8b ARE MEMBERS OF TRIPLE STAR SYSTEMS. <i>Astrophysical Journal</i> , 2014, 788, 2.	4.5	74
52	A NEAR-INFRARED TRANSMISSION SPECTRUM FOR THE WARM SATURN HAT-P-12b. <i>Astrophysical Journal</i> , 2013, 778, 183.	4.5	73
53	HST HOT-JUPITER TRANSMISSION SPECTRAL SURVEY: CLEAR SKIES FOR COOL SATURN WASP-39b. <i>Astrophysical Journal</i> , 2016, 827, 19.	4.5	73
54	<i>KEPLER</i> AND GROUND-BASED TRANSITS OF THE EXO-NEPTUNE HAT-P-11b. <i>Astrophysical Journal</i> , 2011, 740, 33.	4.5	72

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55	Statistical Characterization of Hot Jupiter Atmospheres Using Spitzer's Secondary Eclipses. <i>Astronomical Journal</i> , 2020, 159, 137.	4.7	72
56	WARM SPITZER PHOTOMETRY OF THREE HOT JUPITERS: HAT-P-3b, HAT-P-4b AND HAT-P-12b. <i>Astrophysical Journal</i> , 2013, 770, 102.	4.5	71
57	Evidence for Atmospheric Cold-trap Processes in the Noninverted Emission Spectrum of Kepler-13Ab Using HST/WFC3. <i>Astronomical Journal</i> , 2017, 154, 158.	4.7	71
58	WARM SPITZER OBSERVATIONS OF THREE HOT EXOPLANETS: XO-4b, HAT-P-6b, AND HAT-P-8b. <i>Astrophysical Journal</i> , 2012, 746, 111.	4.5	69
59	PLATON II: New Capabilities and a Comprehensive Retrieval on HD 189733b Transit and Eclipse Data. <i>Astrophysical Journal</i> , 2020, 899, 27.	4.5	68
60	NON-DETECTION OF L-BAND LINE EMISSION FROM THE EXOPLANET HD189733b. <i>Astrophysical Journal</i> , 2011, 728, 18.	4.5	65
61	INFRARED ECLIPSES OF THE STRONGLY IRRADIATED PLANET WASP-33b, AND OSCILLATIONS OF ITS HOST STAR. <i>Astrophysical Journal</i> , 2012, 754, 106.	4.5	64
62	The Very Low Albedo of WASP-12b from Spectral Eclipse Observations with Hubble. <i>Astrophysical Journal Letters</i> , 2017, 847, L2.	8.3	63
63	LOW FALSE POSITIVE RATE OF KEPLER CANDIDATES ESTIMATED FROM A COMBINATION OF SPITZER AND FOLLOW-UP OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 804, 59.	4.5	62
64	SPITZER AND ZEPHYRUS SECONDARY ECLIPSE OBSERVATIONS OF THE HIGHLY IRRADIATED TRANSITING BROWN DWARF KELT-1b. <i>Astrophysical Journal</i> , 2014, 783, 112.	4.5	60
65	K2-66b and K2-106b: Two Extremely Hot Sub-Neptune-size Planets with High Densities. <i>Astronomical Journal</i> , 2017, 153, 271.	4.7	60
66	CHARACTERIZATION OF THE ATMOSPHERE OF THE HOT JUPITER HAT-P-32Ab AND THE M-DWARF COMPANION HAT-P-32B. <i>Astrophysical Journal</i> , 2014, 796, 115.	4.5	59
67	DYNAMICAL CONSTRAINTS ON THE CORE MASS OF HOT JUPITER HAT-P-13B. <i>Astrophysical Journal</i> , 2016, 821, 26.	4.5	59
68	HAT-P-11: Discovery of a Second Planet and a Clue to Understanding Exoplanet Obliquities. <i>Astronomical Journal</i> , 2018, 155, 255.	4.7	59
69	NEAR-INFRARED EMISSION SPECTRUM OF WASP-103B USING HUBBLE SPACE TELESCOPE/WIDE FIELD CAMERA 3*. <i>Astronomical Journal</i> , 2017, 153, 34.	4.7	58
70	CONSTRAINTS ON THE ATMOSPHERIC CIRCULATION AND VARIABILITY OF THE ECCENTRIC HOT JUPITER XO-3b. <i>Astrophysical Journal</i> , 2014, 794, 134.	4.5	56
71	WARM SPITZER AND PALOMAR NEAR-IR SECONDARY ECLIPSE PHOTOMETRY OF TWO HOT JUPITERS: WASP-48b AND HAT-P-23b. <i>Astrophysical Journal</i> , 2014, 781, 109.	4.5	55
72	SEARCHING FOR SCATTERERS: HIGH-CONTRAST IMAGING OF YOUNG STARS HOSTING WIDE-SEPARATION PLANETARY-MASS COMPANIONS. <i>Astrophysical Journal</i> , 2016, 827, 100.	4.5	54

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73	DETECTION OF PLANETARY EMISSION FROM THE EXOPLANET TrES-2 USING <i>SPITZER</i> /IRAC. <i>Astrophysical Journal</i> , 2010, 710, 1551-1556.	4.5	53
74	FRIENDS OF HOT JUPITERS. III. AN INFRARED SPECTROSCOPIC SEARCH FOR LOW-MASS STELLAR COMPANIONS. <i>Astrophysical Journal</i> , 2015, 814, 148.	4.5	53
75	The N2K Consortium. III. Short-Period Planets Orbiting HD 149143 and HD 109749. <i>Astrophysical Journal</i> , 2006, 637, 1094-1101.	4.5	52
76	<i>SPITZER</i> SECONDARY ECLIPSE OBSERVATIONS OF FIVE COOL GAS GIANT PLANETS AND EMPIRICAL TRENDS IN COOL PLANET EMISSION SPECTRA. <i>Astrophysical Journal</i> , 2015, 810, 118.	4.5	52
77	Two Small Transiting Planets and a Possible Third Body Orbiting HD 106315. <i>Astronomical Journal</i> , 2017, 153, 255.	4.7	51
78	SPITZER OBSERVATIONS OF EXOPLANETS DISCOVERED WITH THE KEPLER K2 MISSION. <i>Astrophysical Journal</i> , 2016, 822, 39.	4.5	48
79	SECONDARY ECLIPSE PHOTOMETRY OF THE EXOPLANET WASP-5b WITH WARM <i>SPITZER</i> . <i>Astrophysical Journal</i> , 2013, 773, 124.	4.5	46
80	ATMOSPHERIC CIRCULATION OF ECCENTRIC HOT JUPITER HAT-P-2B. <i>Astrophysical Journal</i> , 2014, 795, 150.	4.5	45
81	MASS CONSTRAINTS OF THE WASP-47 PLANETARY SYSTEM FROM RADIAL VELOCITIES. <i>Astronomical Journal</i> , 2017, 153, 70.	4.7	45
82	The Young Substellar Companion ROXs 12 B: Near-infrared Spectrum, System Architecture, and Spin-Orbit Misalignment. <i>Astronomical Journal</i> , 2017, 154, 165.	4.7	45
83	Updated Parameters and a New Transmission Spectrum of HD 97658b. <i>Astronomical Journal</i> , 2020, 159, 239.	4.7	45
84	THE STELLAR OBLIQUITY AND THE LONG-PERIOD PLANET IN THE HAT-P-17 EXOPLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2013, 772, 80.	4.5	44
85	A PRECISE ESTIMATE OF THE RADIUS OF THE EXOPLANET HD 149026b FROM <i>SPITZER</i> PHOTOMETRY. <i>Astrophysical Journal</i> , 2009, 692, 229-235.	4.5	43
86	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. I. Classifying Low-mass Host Stars Observed during Campaigns 1-7. <i>Astrophysical Journal</i> , 2017, 836, 167.	4.5	43
87	Mass loss from the exoplanet WASP-12b inferred from Spitzer phase curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1995-2013.	4.4	43
88	No Difference in Orbital Parameters of RV-detected Giant Planets between 0.1 and 5 au in Single versus Multi-stellar Systems. <i>Astronomical Journal</i> , 2017, 153, 242.	4.7	41
89	Characterizing the Performance of the NIRC2 Vortex Coronagraph at W. M. Keck Observatory. <i>Astronomical Journal</i> , 2018, 156, 156.	4.7	40
90	Diffuser-assisted Infrared Transit Photometry for Four Dynamically Interacting Kepler Systems. <i>Astronomical Journal</i> , 2020, 159, 108.	4.7	40

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91	A Hubble PanCET Study of HAT-P-11b: A Cloudy Neptune with a Low Atmospheric Metallicity. <i>Astronomical Journal</i> , 2019, 158, 244.	4.7	37
92	Obliquity Constraints on an Extrasolar Planetary-mass Companion. <i>Astronomical Journal</i> , 2020, 159, 181.	4.7	37
93	Planet-induced Stellar Pulsations in HAT-P-2's Eccentric System. <i>Astrophysical Journal Letters</i> , 2017, 836, L17.	8.3	36
94	Ground- and Space-based Detection of the Thermal Emission Spectrum of the Transiting Hot Jupiter KELT-2Ab. <i>Astronomical Journal</i> , 2018, 156, 133.	4.7	36
95	Bright Opportunities for Atmospheric Characterization of Small Planets: Masses and Radii of K2-3 b, c, and d and GJ3470 b from Radial Velocity Measurements and Spitzer Transits. <i>Astronomical Journal</i> , 2019, 157, 97.	4.7	36
96	No Escaping Helium from 55 Cnc e*. <i>Astronomical Journal</i> , 2021, 161, 181.	4.7	36
97	Constraints on Metastable Helium in the Atmospheres of WASP-69b and WASP-52b with Ultranarrowband Photometry. <i>Astronomical Journal</i> , 2020, 159, 278.	4.7	34
98	<i>SPITZER</i> INFRARED OBSERVATIONS AND INDEPENDENT VALIDATION OF THE TRANSITING SUPER-EARTH CoRoT-7 b. <i>Astrophysical Journal</i> , 2012, 745, 81.	4.5	33
99	An HST/STIS Optical Transmission Spectrum of Warm Neptune GJ 436b. <i>Astronomical Journal</i> , 2018, 155, 66.	4.7	33
100	Metastable Helium Reveals an Extended Atmosphere for the Gas Giant HAT-P-18b. <i>Astrophysical Journal Letters</i> , 2021, 909, L10.	8.3	32
101	Escaping Helium from TOI 560.01, a Young Mini-Neptune. <i>Astronomical Journal</i> , 2022, 163, 67.	4.7	32
102	Detection of Ongoing Mass Loss from HD 63433c, a Young Mini-Neptune. <i>Astronomical Journal</i> , 2022, 163, 68.	4.7	31
103	TESS Revisits WASP-12: Updated Orbital Decay Rate and Constraints on Atmospheric Variability. <i>Astronomical Journal</i> , 2022, 163, 175.	4.7	25
104	WIRC+Pol: A Low-resolution Near-infrared Spectropolarimeter. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 025001.	3.1	24
105	A Featureless Infrared Transmission Spectrum for the Super-puff Planet Kepler-79d. <i>Astronomical Journal</i> , 2020, 160, 201.	4.7	24
106	Optical to Near-infrared Transmission Spectrum of the Warm Sub-Saturn HAT-P-12b. <i>Astronomical Journal</i> , 2020, 159, 234.	4.7	21
107	TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit. <i>Astronomical Journal</i> , 2021, 162, 256.	4.7	21
108	Investigating Trends in Atmospheric Compositions of Cool Gas Giant Planets Using Spitzer Secondary Eclipses. <i>Astronomical Journal</i> , 2019, 158, 217.	4.7	19

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109	A Search for Planetary Metastable Helium Absorption in the V1298 Tau System. <i>Astronomical Journal</i> , 2021, 162, 222.	4.7	19
110	As the Worlds Turn: Constraining Spin Evolution in the Planetary-mass Regime. <i>Astrophysical Journal</i> , 2020, 905, 37.	4.5	17
111	Spitzer Transit Follow-up of Planet Candidates from the K2 Mission. <i>Astronomical Journal</i> , 2019, 157, 102.	4.7	16
112	Highlights of exoplanetary science from Spitzer. <i>Nature Astronomy</i> , 2020, 4, 453-466.	10.1	16
113	Water on distant worlds. <i>Nature</i> , 2007, 448, 143-145.	27.8	15
114	Radial Gradients in Dust-to-gas Ratio Lead to Preferred Region for Giant Planet Formation. <i>Astrophysical Journal</i> , 2021, 919, 63.	4.5	14
115	Spatially Resolved Modeling of Optical Albedos for a Sample of Six Hot Jupiters. <i>Astrophysical Journal</i> , 2022, 926, 157.	4.5	14
116	Kepler-1656b: A Dense Sub-Saturn with an Extreme Eccentricity. <i>Astronomical Journal</i> , 2018, 156, 147.	4.7	13
117	A Rotation Rate for the Planetary-mass Companion DH Tau b. <i>Astronomical Journal</i> , 2020, 159, 97.	4.7	13
118	Kepler-167e as a Probe of the Formation Histories of Cold Giants with Inner Super-Earths. <i>Astrophysical Journal</i> , 2022, 926, 62.	4.5	13
119	Evaluating Climate Variability of the Canonical Hot-Jupiters HD 189733b and HD 209458b through Multi-epoch Eclipse Observations. <i>Astronomical Journal</i> , 2020, 159, 51.	4.7	10
120	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. III. A High Mass and Low Envelope Fraction for the Warm Neptune K2-55b*. <i>Astronomical Journal</i> , 2018, 156, 70.	4.7	8
121	The Maximum Mass-loss Efficiency for a Photoionization-driven Isothermal Parker Wind. <i>Astrophysical Journal</i> , 2022, 927, 96.	4.5	8
122	Two Planets Straddling the Habitable Zone of the Nearby K Dwarf Gl 414A. <i>Astronomical Journal</i> , 2021, 161, 86.	4.7	7
123	Thermal Phase Curves of XO-3b: An Eccentric Hot Jupiter at the Deuterium Burning Limit. <i>Astronomical Journal</i> , 2022, 163, 32.	4.7	6
124	The Hubble PanCET Program: A Featureless Transmission Spectrum for WASP-29b and Evidence of Enhanced Atmospheric Metallicity on WASP-80b. <i>Astronomical Journal</i> , 2022, 164, 30.	4.7	4
125	Exoplanet atmospheres. <i>Physics Today</i> , 2013, 66, 64-65.	0.3	3
126	An Improved Transit Measurement for a 2.4 R_{\oplus} Planet Orbiting A Bright Mid-M Dwarf K2-28. <i>Astronomical Journal</i> , 2018, 155, 223.	4.7	3