

# Heather A Knutson

## List of Publications by Year in descending order

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126  
papers

11,148  
citations

30070

54  
h-index

36028

97  
g-index

126  
all docs

126  
docs citations

126  
times ranked

3330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Ongoing Mass Loss from HD 63433c, a Young Mini-Neptune. <i>Astronomical Journal</i> , 2022, 163, 68.	4.7	31
2	Escaping Helium from TOI 560.01, a Young Mini-Neptune. <i>Astronomical Journal</i> , 2022, 163, 67.	4.7	32
3	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
4	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
5	Spatially Resolved Modeling of Optical Albedos for a Sample of Six Hot Jupiters. <i>Astrophysical Journal</i> , 2022, 926, 157.	4.5	14
6	TESS Revisits WASP-12: Updated Orbital Decay Rate and Constraints on Atmospheric Variability. <i>Astronomical Journal</i> , 2022, 163, 175.	4.7	25
7	The Maximum Mass-loss Efficiency for a Photoionization-driven Isothermal Parker Wind. <i>Astrophysical Journal</i> , 2022, 927, 96.	4.5	8
8	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
9	Two Planets Straddling the Habitable Zone of the Nearby K Dwarf Gl 414A. <i>Astronomical Journal</i> , 2021, 161, 86.	4.7	7
10	No Escaping Helium from 55 Cnc e*. <i>Astronomical Journal</i> , 2021, 161, 181.	4.7	36
11	Metastable Helium Reveals an Extended Atmosphere for the Gas Giant HAT-P-18b. <i>Astrophysical Journal Letters</i> , 2021, 909, L10.	8.3	32
12	California Legacy Survey. II. Occurrence of Giant Planets beyond the Ice Line. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 14.	7.7	102
13	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, Supplement Series</i> , 2021, 255, 8.	7.7	128
14	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
15	A Search for Planetary Metastable Helium Absorption in the V1298 Tau System. <i>Astronomical Journal</i> , 2021, 162, 222.	4.7	19
16	TOI-2109: An Ultrahot Gas Giant on a 16 hr Orbit. <i>Astronomical Journal</i> , 2021, 162, 256.	4.7	21
17	The Orbit of WASP-12b Is Decaying. <i>Astrophysical Journal Letters</i> , 2020, 888, L5.	8.3	94
18	Optical to Near-infrared Transmission Spectrum of the Warm Sub-Saturn HAT-P-12b. <i>Astronomical Journal</i> , 2020, 159, 234.	4.7	21

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19	Highlights of exoplanetary science from Spitzer. <i>Nature Astronomy</i> , 2020, 4, 453-466.	10.1	16
20	Diffuser-assisted Infrared Transit Photometry for Four Dynamically Interacting Kepler Systems. <i>Astronomical Journal</i> , 2020, 159, 108.	4.7	40
21	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
22	Obliquity Constraints on an Extrasolar Planetary-mass Companion. <i>Astronomical Journal</i> , 2020, 159, 181.	4.7	37
23	A Rotation Rate for the Planetary-mass Companion DH Tau b. <i>Astronomical Journal</i> , 2020, 159, 97.	4.7	13
24	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
25	Statistical Characterization of Hot Jupiter Atmospheres Using Spitzer's Secondary Eclipses. <i>Astronomical Journal</i> , 2020, 159, 137.	4.7	72
26	Updated Parameters and a New Transmission Spectrum of HD 97658b. <i>Astronomical Journal</i> , 2020, 159, 239.	4.7	45
27	A Featureless Infrared Transmission Spectrum for the Super-puff Planet Kepler-79d. <i>Astronomical Journal</i> , 2020, 160, 201.	4.7	24
28	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
29	As the Worlds Turn: Constraining Spin Evolution in the Planetary-mass Regime. <i>Astrophysical Journal</i> , 2020, 905, 37.	4.5	17
30	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
31	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
32	An Excess of Jupiter Analogs in Super-Earth Systems. <i>Astronomical Journal</i> , 2019, 157, 52.	4.7	112
33	Spitzer Transit Follow-up of Planet Candidates from the K2 Mission. <i>Astronomical Journal</i> , 2019, 157, 102.	4.7	16
34	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
35	Water Vapor and Clouds on the Habitable-zone Sub-Neptune Exoplanet K2-18b. <i>Astrophysical Journal Letters</i> , 2019, 887, L14.	8.3	183
36	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

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37	Investigating Trends in Atmospheric Compositions of Cool Gas Giant Planets Using Spitzer Secondary Eclipses. <i>Astronomical Journal</i> , 2019, 158, 217.	4.7	19
38	WIRC+Pol: A Low-resolution Near-infrared Spectropolarimeter. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 025001.	3.1	24
39	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
40	An Improved Transit Measurement for a 2.4 $R_{\text{Jup}}$ Planet Orbiting A Bright Mid-M Dwarf K2-28. <i>Astronomical Journal</i> , 2018, 155, 223.	4.7	3
41	Characterizing the Performance of the NIRC2 Vortex Coronagraph at W. M. Keck Observatory. <i>Astronomical Journal</i> , 2018, 156, 156.	4.7	40
42	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
43	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
44	Kepler-1656b: A Dense Sub-Saturn with an Extreme Eccentricity. <i>Astronomical Journal</i> , 2018, 156, 147.	4.7	13
45	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
46	An HST/STIS Optical Transmission Spectrum of Warm Neptune GJ 436b. <i>Astronomical Journal</i> , 2018, 155, 66.	4.7	33
47	MASS CONSTRAINTS OF THE WASP-47 PLANETARY SYSTEM FROM RADIAL VELOCITIES. <i>Astronomical Journal</i> , 2017, 153, 70.	4.7	45
48	Planet-induced Stellar Pulsations in HAT-P-2's Eccentric System. <i>Astrophysical Journal Letters</i> , 2017, 836, L17.	8.3	36
49	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
50	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
51	Toward Space-like Photometric Precision from the Ground with Beam-shaping Diffusers. <i>Astrophysical Journal</i> , 2017, 848, 9.	4.5	91
52	Statistical Analysis of Hubble/WFC3 Transit Spectroscopy of Extrasolar Planets. <i>Astrophysical Journal Letters</i> , 2017, 847, L22.	8.3	88
53	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
54	Two Small Transiting Planets and a Possible Third Body Orbiting HD 106315. <i>Astronomical Journal</i> , 2017, 153, 255.	4.7	51

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55	The Very Low Albedo of WASP-12b from Spectral Eclipse Observations with Hubble. <i>Astrophysical Journal Letters</i> , 2017, 847, L2.	8.3	63
56	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. I. Classifying Low-mass Host Stars Observed during Campaigns 1â€“7. <i>Astrophysical Journal</i> , 2017, 836, 167.	4.5	43
57	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
58	Threeâ€™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
59	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
60	Characterizing K2 Candidate Planetary Systems Orbiting Low-mass Stars. II. Planetary Systems Observed During Campaigns 1â€“7. <i>Astronomical Journal</i> , 2017, 154, 207.	4.7	95
61	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
62	The Young Substellar Companion ROXs 12 B: Near-infrared Spectrum, System Architecture, and Spinâ€™Orbit Misalignment<sup>*</sup>. <i>Astronomical Journal</i> , 2017, 154, 165.	4.7	45
63	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
64	HST HOT-JUPITER TRANSMISSION SPECTRAL SURVEY: CLEAR SKIES FOR COOL SATURN WASP-39b. <i>Astrophysical Journal</i> , 2016, 827, 19.	4.5	73
65	FRIENDS OF HOT JUPITERS. IV. STELLAR COMPANIONS BEYOND 50 au MIGHT FACILITATE GIANT PLANET FORMATION, BUT MOST ARE UNLIKELY TO CAUSE KOZAIâ€™LIDOV MIGRATION. <i>Astrophysical Journal</i> , 2016, 827, 8.	4.5	123
66	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
67	DYNAMICAL CONSTRAINTS ON THE CORE MASS OF HOT JUPITER HAT-P-13B. <i>Astrophysical Journal</i> , 2016, 821, 26.	4.5	59
68	3.6 AND 4.5 $\mu$ 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
69	STATISTICS OF LONG PERIOD GAS GIANT PLANETS IN KNOWN PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2016, 821, 89.	4.5	158
70	SPITZER OBSERVATIONS OF EXOPLANETS DISCOVERED WITH THE KEPLER K2 MISSION. <i>Astrophysical Journal</i> , 2016, 822, 39.	4.5	48
71	<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
72	3.6 AND 4.5 $\mu$ m PHASE CURVES OF THE HIGHLY IRRADIATED ECCENTRIC HOT JUPITER WASP-14b. <i>Astrophysical Journal</i> , 2015, 811, 122.	4.5	97

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73	FRIENDS OF HOT JUPITERS. III. AN INFRARED SPECTROSCOPIC SEARCH FOR LOW-MASS STELLAR COMPANIONS. <i>Astrophysical Journal</i> , 2015, 814, 148.	4.5	53
74	LOW FALSE POSITIVE RATE OF <i>KEPLER</i> CANDIDATES ESTIMATED FROM A COMBINATION OF <i>SPITZER</i> AND FOLLOW-UP OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 804, 59.	4.5	62
75	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
76	<i>SPITZER</i> 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
77	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
78	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
79	THE EMERGENT 1.1-1.7 $\mu$ m 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
80	ATMOSPHERIC CHARACTERIZATION OF THE HOT JUPITER KEPLER-13Ab. <i>Astrophysical Journal</i> , 2014, 788, 92.	4.5	110
81	<i>SPITZER</i> AND <i>z</i> SECONDARY ECLIPSE OBSERVATIONS OF THE HIGHLY IRRADIATED TRANSITING BROWN DWARF KELT-1b. <i>Astrophysical Journal</i> , 2014, 783, 112.	4.5	60
82	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
83	WARM <i>SPITZER</i> 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
84	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
85	A featureless transmission spectrum for the Neptune-mass exoplanet GJ436b. <i>Nature</i> , 2014, 505, 66-68.	27.8	255
86	<i>HUBBLE</i> SPACE TELESCOPE NEAR-IR TRANSMISSION SPECTROSCOPY OF THE SUPER-EARTH HD 97658B. <i>Astrophysical Journal</i> , 2014, 794, 155.	4.5	164
87	ATMOSPHERIC CIRCULATION OF ECCENTRIC HOT JUPITER HAT-P-2B. <i>Astrophysical Journal</i> , 2014, 795, 150.	4.5	45
88	WASP-12b AND HAT-P-8b ARE MEMBERS OF TRIPLE STAR SYSTEMS. <i>Astrophysical Journal</i> , 2014, 788, 2.	4.5	74
89	CONSTRAINTS ON THE ATMOSPHERIC CIRCULATION AND VARIABILITY OF THE ECCENTRIC HOT JUPITER XO-3b. <i>Astrophysical Journal</i> , 2014, 794, 134.	4.5	56
90	THE 4.5 $\mu$ m FULL-ORBIT PHASE CURVE OF THE HOT JUPITER HD 209458b. <i>Astrophysical Journal</i> , 2014, 790, 53.	4.5	152

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91	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
92	INFRARED TRANSMISSION SPECTROSCOPY OF THE EXOPLANETS HD 209458b AND XO-1b USING THE WIDE FIELD CAMERA-3 ON THE <i>HUBBLE SPACE TELESCOPE</i> . <i>Astrophysical Journal</i> , 2013, 774, 95.	4.5	409
93	ORBITAL PHASE VARIATIONS OF THE ECCENTRIC GIANT PLANET HAT-P-2b. <i>Astrophysical Journal</i> , 2013, 766, 95.	4.5	153
94	Exoplanet atmospheres. <i>Physics Today</i> , 2013, 66, 64-65.	0.3	3
95	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
96	A NEAR-INFRARED TRANSMISSION SPECTRUM FOR THE WARM SATURN HAT-P-12b. <i>Astrophysical Journal</i> , 2013, 778, 183.	4.5	73
97	SECONDARY ECLIPSE PHOTOMETRY OF THE EXOPLANET WASP-5b WITH WARM <i>SPITZER</i> . <i>Astrophysical Journal</i> , 2013, 773, 124.	4.5	46
98	INFERENCE OF INHOMOGENEOUS CLOUDS IN AN EXOPLANET ATMOSPHERE. <i>Astrophysical Journal Letters</i> , 2013, 776, L25.	8.3	250
99	<i>WARM SPITZER</i> 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
100	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
101	<i>SPITZER</i> TRANSITS OF THE SUPER-EARTH GJ1214b AND IMPLICATIONS FOR ITS ATMOSPHERE. <i>Astrophysical Journal</i> , 2013, 765, 127.	4.5	100
102	3.6 AND 4.5 $\mu$ 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
103	WARM <i>SPITZER</i> OBSERVATIONS OF THREE HOT EXOPLANETS: XO-4b, HAT-P-6b, AND HAT-P-8b. <i>Astrophysical Journal</i> , 2012, 746, 111.	4.5	69
104	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
105	<i>Spitzer</i> /MIPS 24 $\mu$ m 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
106	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
107	<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
108	<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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109	SECONDARY ECLIPSE PHOTOMETRY OF WASP-4b WITH WARM <i>SPITZER</i> . <i>Astrophysical Journal</i> , 2011, 727, 23.	4.5	77
110	NON-DETECTION OF <i>L</i> -BAND LINE EMISSION FROM THE EXOPLANET HD189733b. <i>Astrophysical Journal</i> , 2011, 728, 18.	4.5	65
111	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
112	A <i>SPITZER</i> 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
113	THE BROADBAND INFRARED EMISSION SPECTRUM OF THE EXOPLANET TrES-3. <i>Astrophysical Journal</i> , 2010, 711, 374-379.	4.5	84
114	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
115	THE CLIMATE OF HD 189733b FROM FOURTEEN TRANSITS AND ECLIPSES MEASURED BY <i>SPITZER</i> . <i>Astrophysical Journal</i> , 2010, 721, 1861-1877.	4.5	266
116	A CORRELATION BETWEEN STELLAR ACTIVITY AND HOT JUPITER EMISSION SPECTRA. <i>Astrophysical Journal</i> , 2010, 720, 1569-1576.	4.5	235
117	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
118	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
119	THE 8 $\frac{1}{4}$ m PHASE VARIATION OF THE HOT SATURN HD 149026b. <i>Astrophysical Journal</i> , 2009, 703, 769-784.	4.5	116
120	MULTIWAVELENGTH CONSTRAINTS ON THE DAY-NIGHT CIRCULATION PATTERNS OF HD 189733b. <i>Astrophysical Journal</i> , 2009, 690, 822-836.	4.5	204
121	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
122	The 3.6–8.0 $\frac{1}{4}$ m Broadband Emission Spectrum of HD 209458b: Evidence for an Atmospheric Temperature Inversion. <i>Astrophysical Journal</i> , 2008, 673, 526-531.	4.5	386
123	The Broadband Infrared Emission Spectrum of the Exoplanet HD 189733b. <i>Astrophysical Journal</i> , 2008, 686, 1341-1348.	4.5	253
124	Using Stellar Limb Darkening to Refine the Properties of HD 209458b. <i>Astrophysical Journal</i> , 2007, 655, 564-575.	4.5	225
125	Water on distant worlds. <i>Nature</i> , 2007, 448, 143-145.	27.8	15
126	The N2K Consortium. III. Short-Period Planets Orbiting HD 149143 and HD 109749. <i>Astrophysical Journal</i> , 2006, 637, 1094-1101.	4.5	52