

# Jonathan J Fortney

## List of Publications by Year in descending order

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292  
papers

36,877  
citations

2669

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docs citations

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times ranked

7851  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kepler Planet-Detection Mission: Introduction and First Results. <i>Science</i> , 2010, 327, 977-980.	6.0	2,848
2	The K2 Mission: Characterization and Early Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 398-408.	1.0	1,344
3	PLANET OCCURRENCE WITHIN 0.25 AU OF SOLAR-TYPE STARS FROM <i>KEPLER</i> . <i>Astrophysical Journal, Supplement Series</i> , 2012, 201, 15.	3.0	871
4	CHARACTERISTICS OF PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . II. ANALYSIS OF THE FIRST FOUR MONTHS OF DATA. <i>Astrophysical Journal</i> , 2011, 736, 19.	1.6	859
5	PLANETARY CANDIDATES OBSERVED BY <i>KEPLER</i> . III. ANALYSIS OF THE FIRST 16 MONTHS OF DATA. <i>Astrophysical Journal, Supplement Series</i> , 2013, 204, 24.	3.0	823
6	A continuum from clear to cloudy hot-Jupiter exoplanets without primordial water depletion. <i>Nature</i> , 2016, 529, 59-62.	13.7	714
7	A map of the day-night contrast of the extrasolar planet HD 189733b. <i>Nature</i> , 2007, 447, 183-186.	13.7	650
8	Kepler-16: A Transiting Circumbinary Planet. <i>Science</i> , 2011, 333, 1602-1606.	6.0	608
9	ARCHITECTURE AND DYNAMICS OF <i>KEPLER</i> 'S CANDIDATE MULTIPLE TRANSITING PLANET SYSTEMS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 8.	3.0	593
10	A closely packed system of low-mass, low-density planets transiting Kepler-11. <i>Nature</i> , 2011, 470, 53-58.	13.7	553
11	UNDERSTANDING THE MASS-RADIUS RELATION FOR SUB-NEPTUNES: RADIUS AS A PROXY FOR COMPOSITION. <i>Astrophysical Journal</i> , 2014, 792, 1.	1.6	520
12	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
13	<i>KEPLER</i> 'S FIRST ROCKY PLANET: KEPLER-10b. <i>Astrophysical Journal</i> , 2011, 729, 27.	1.6	473
14	VALIDATION OF <i>KEPLER</i> 'S MULTIPLE PLANET CANDIDATES. III. LIGHT CURVE ANALYSIS AND ANNOUNCEMENT OF HUNDREDS OF NEW MULTI-PLANET SYSTEMS. <i>Astrophysical Journal</i> , 2014, 784, 45.	1.6	418
15	MASSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 20.	3.0	418
16	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.	1.6	409
17	THE ROLE OF CORE MASS IN CONTROLLING EVAPORATION: THE KEPLER RADIUS DISTRIBUTION AND THE KEPLER-36 DENSITY DICHOTOMY. <i>Astrophysical Journal</i> , 2013, 776, 2.	1.6	391
18	On the Luminosity of Young Jupiters. <i>Astrophysical Journal</i> , 2007, 655, 541-549.	1.6	388

#	ARTICLE	IF	CITATIONS
19	Transiting circumbinary planets Kepler-34 b and Kepler-35 b. <i>Nature</i> , 2012, 481, 475-479.	13.7	385
20	CHARACTERIZING TRANSITING EXOPLANET ATMOSPHERES WITH JWST. <i>Astrophysical Journal</i> , 2016, 817, 17.	1.6	356
21	NEGLECTED CLOUDS IN T AND Y DWARF ATMOSPHERES. <i>Astrophysical Journal</i> , 2012, 756, 172.	1.6	342
22	Kepler-36: A Pair of Planets with Neighboring Orbits and Dissimilar Densities. <i>Science</i> , 2012, 337, 556-559.	6.0	335
23	HOW THERMAL EVOLUTION AND MASS-LOSS SCULPT POPULATIONS OF SUPER-EARTHS AND SUB-NEPTUNES: APPLICATION TO THE KEPLER-11 SYSTEM AND BEYOND. <i>Astrophysical Journal</i> , 2012, 761, 59.	1.6	322
24	CHARACTERISTICS OF KEPLER PLANETARY CANDIDATES BASED ON THE FIRST DATA SET. <i>Astrophysical Journal</i> , 2011, 728, 117.	1.6	313
25	THE FLAT TRANSMISSION SPECTRUM OF THE SUPER-EARTH GJ1214b FROM WIDE FIELD CAMERA 3 ON THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2012, 747, 35.	1.6	313
26	Kepler-47: A Transiting Circumbinary Multiplanet System. <i>Science</i> , 2012, 337, 1511-1514.	6.0	312
27	A PRECISE WATER ABUNDANCE MEASUREMENT FOR THE HOT JUPITER WASP-43b. <i>Astrophysical Journal Letters</i> , 2014, 793, L27.	3.0	297
28	The Interior Structure, Composition, and Evolution of Giant Planets. <i>Space Science Reviews</i> , 2010, 152, 423-447.	3.7	279
29	THE MASS-METALLICITY RELATION FOR GIANT PLANETS. <i>Astrophysical Journal</i> , 2016, 831, 64.	1.6	273
30	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
31	Thermal structure of an exoplanet atmosphere from phase-resolved emission spectroscopy. <i>Science</i> , 2014, 346, 838-841.	6.0	266
32	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.	1.6	264
33	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
34	THE MASS OF KOI-94d AND A RELATION FOR PLANET RADIUS, MASS, AND INCIDENT FLUX. <i>Astrophysical Journal</i> , 2013, 768, 14.	1.6	253
35	INFERENCE OF INHOMOGENEOUS CLOUDS IN AN EXOPLANET ATMOSPHERE. <i>Astrophysical Journal Letters</i> , 2013, 776, L25.	3.0	250
36	Observations of Transiting Exoplanets with the James Webb Space Telescope (JWST). <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 1134-1173.	1.0	245

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37	TRANSITIONS IN THE CLOUD COMPOSITION OF HOT JUPITERS. <i>Astrophysical Journal</i> , 2016, 828, 22.	1.6	238
38	The effect of condensates on the characterization of transiting planet atmospheres with transmission spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 649-653.	1.6	235
39	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
40	Observing the Atmospheres of Known Temperate Earth-sized Planets with JWST. <i>Astrophysical Journal</i> , 2017, 850, 121.	1.6	222
41	THE HEAVY-ELEMENT MASSES OF EXTRASOLAR GIANT PLANETS, REVEALED. <i>Astrophysical Journal Letters</i> , 2011, 736, L29.	3.0	220
42	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2012, 745, 120.	1.6	218
43	MASSES, RADII, AND CLOUD PROPERTIES OF THE HR 8799 PLANETS. <i>Astrophysical Journal</i> , 2012, 754, 135.	1.6	217
44	H <sup>+</sup> Opacity and Water Dissociation in the Dayside Atmosphere of the Very Hot Gas Giant WASP-18b. <i>Astrophysical Journal Letters</i> , 2018, 855, L30.	3.0	217
45	Kepler-62: A Five-Planet System with Planets of 1.4 and 1.6 Earth Radii in the Habitable Zone. <i>Science</i> , 2013, 340, 587-590.	6.0	213
46	A DETECTION OF WATER IN THE TRANSMISSION SPECTRUM OF THE HOT JUPITER WASP-12b AND IMPLICATIONS FOR ITS ATMOSPHERIC COMPOSITION. <i>Astrophysical Journal</i> , 2015, 814, 66.	1.6	212
47	SPITZER SECONDARY ECLIPSES OF THE DENSE, MODESTLY-IRRADIATED, GIANT EXOPLANET HAT-P-20b USING PIXEL-LEVEL DECORRELATION. <i>Astrophysical Journal</i> , 2015, 805, 132.	1.6	212
48	A FRAMEWORK FOR CHARACTERIZING THE ATMOSPHERES OF LOW-MASS LOW-DENSITY TRANSITING PLANETS. <i>Astrophysical Journal</i> , 2013, 775, 80.	1.6	208
49	MULTIWAVELENGTH CONSTRAINTS ON THE DAY-NIGHT CIRCULATION PATTERNS OF HD 189733b. <i>Astrophysical Journal</i> , 2009, 690, 822-836.	1.6	204
50	THERMAL EMISSION AND REFLECTED LIGHT SPECTRA OF SUPER EARTHS WITH FLAT TRANSMISSION SPECTRA. <i>Astrophysical Journal</i> , 2015, 815, 110.	1.6	196
51	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013, 494, 452-454.	13.7	193
52	QUANTITATIVELY ASSESSING THE ROLE OF CLOUDS IN THE TRANSMISSION SPECTRUM OF GJ 1214b. <i>Astrophysical Journal</i> , 2013, 775, 33.	1.6	189
53	Alignment of the stellar spin with the orbits of a three-planet system. <i>Nature</i> , 2012, 487, 449-453.	13.7	184
54	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

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55	Water Vapor and Clouds on the Habitable-zone Sub-Neptune Exoplanet K2-18b. <i>Astrophysical Journal Letters</i> , 2019, 887, L14.	3.0	183
56	HAT-P-26b: A Neptune-mass exoplanet with a well-constrained heavy element abundance. <i>Science</i> , 2017, 356, 628-631.	6.0	175
57	A rocky composition for an Earth-sized exoplanet. <i>Nature</i> , 2013, 503, 381-384.	13.7	172
58	KEPLER-18b, c, AND d: A SYSTEM OF THREE PLANETS CONFIRMED BY TRANSIT TIMING VARIATIONS, LIGHT CURVE VALIDATION, <i>WARM-SPITZER</i> PHOTOMETRY, AND RADIAL VELOCITY MEASUREMENTS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 7.	3.0	171
59	<i>HUBBLE SPACE TELESCOPE</i> NEAR-IR TRANSMISSION SPECTROSCOPY OF THE SUPER-EARTH HD 97658B. <i>Astrophysical Journal</i> , 2014, 794, 155.	1.6	164
60	THE HOT-JUPITER KEPLER-17b: DISCOVERY, OBLIQUITY FROM STROBOSCOPIC STARSPOTS, AND ATMOSPHERIC CHARACTERIZATION. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 14.	3.0	162
61	WATER CLOUDS IN Y DWARFS AND EXOPLANETS. <i>Astrophysical Journal</i> , 2014, 787, 78.	1.6	160
62	<i>SPITZER</i> PHASE CURVE CONSTRAINTS FOR WASP-43b AT 3.6 AND 4.5 $\mu\text{m}$ . <i>Astronomical Journal</i> , 2017, 153, 68.	1.9	157
63	Global Climate and Atmospheric Composition of the Ultra-hot Jupiter WASP-103b from HST and Spitzer Phase Curve Observations. <i>Astronomical Journal</i> , 2018, 156, 17.	1.9	156
64	TRANSIT AND ECLIPSE ANALYSES OF THE EXOPLANET HD 149026b USING BLISS MAPPING. <i>Astrophysical Journal</i> , 2012, 754, 136.	1.6	153
65	ORBITAL PHASE VARIATIONS OF THE ECCENTRIC GIANT PLANET HAT-P-2b. <i>Astrophysical Journal</i> , 2013, 766, 95.	1.6	153
66	THE 4.5 $\mu\text{m}$ FULL-ORBIT PHASE CURVE OF THE HOT JUPITER HD 209458b. <i>Astrophysical Journal</i> , 2014, 790, 53.	1.6	152
67	A sub-Neptune exoplanet with a low-metallicity methane-depleted atmosphere and Mie-scattering clouds. <i>Nature Astronomy</i> , 2019, 3, 813-821.	4.2	151
68	OBSERVATIONAL EVIDENCE FOR A METAL-RICH ATMOSPHERE ON THE SUPER-EARTH GJ1214b. <i>Astrophysical Journal Letters</i> , 2011, 731, L40.	3.0	148
69	DOPPLER SIGNATURES OF THE ATMOSPHERIC CIRCULATION ON HOT JUPITERS. <i>Astrophysical Journal</i> , 2013, 762, 24.	1.6	147
70	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
71	ALL SIX PLANETS KNOWN TO ORBIT KEPLER-11 HAVE LOW DENSITIES. <i>Astrophysical Journal</i> , 2013, 770, 131.	1.6	145
72	NO THERMAL INVERSION AND A SOLAR WATER ABUNDANCE FOR THE HOT JUPITER HD 209458B FROM HST/WFC3 SPECTROSCOPY. <i>Astronomical Journal</i> , 2016, 152, 203.	1.9	144

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73	THE NATURE OF THE ATMOSPHERE OF THE TRANSITING SUPER-EARTH GJ 1214b. <i>Astrophysical Journal Letters</i> , 2010, 716, L74-L79.	3.0	141
74	Phase separation in giant planets: inhomogeneous evolution of Saturn. <i>Icarus</i> , 2003, 164, 228-243.	1.1	140
75	Aerosol composition of hot giant exoplanets dominated by silicates and hydrocarbon hazes. <i>Nature Astronomy</i> , 2020, 4, 951-956.	4.2	137
76	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
77	THE ATMOSPHERIC CHEMISTRY OF GJ 1214b: PHOTOCHEMISTRY AND CLOUDS. <i>Astrophysical Journal</i> , 2012, 745, 3.	1.6	133
78	THE ATMOSPHERES OF EARTHLIKE PLANETS AFTER GIANT IMPACT EVENTS. <i>Astrophysical Journal</i> , 2014, 784, 27.	1.6	132
79	ATMOSPHERIC CIRCULATION OF ECCENTRIC HOT NEPTUNE GJ436b. <i>Astrophysical Journal</i> , 2010, 720, 344-356.	1.6	131
80	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.	1.6	129
81	ACCESS I. AN OPTICAL TRANSMISSION SPECTRUM OF GJ 1214b REVEALS A HETEROGENEOUS STELLAR PHOTOSPHERE. <i>Astrophysical Journal</i> , 2017, 834, 151.	1.6	128
82	BROADBAND TRANSMISSION SPECTROSCOPY OF THE SUPER-EARTH GJ 1214b SUGGESTS A LOW MEAN MOLECULAR WEIGHT ATMOSPHERE. <i>Astrophysical Journal</i> , 2011, 736, 78.	1.6	127
83	THE DISCOVERY OF ELLIPSOIDAL VARIATIONS IN THE <i>KEPLER</i> LIGHT CURVE OF HAT-P-7. <i>Astrophysical Journal Letters</i> , 2010, 713, L145-L149.	3.0	125
84	WASP-12b as a prolate, inflated and disrupting planet from tidal dissipation. <i>Nature</i> , 2010, 463, 1054-1056.	13.7	122
85	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
86	AB INITIO EQUATIONS OF STATE FOR HYDROGEN (H-REOS.3) AND HELIUM (He-REOS.3) AND THEIR IMPLICATIONS FOR THE INTERIOR OF BROWN DWARFS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 21.	3.0	121
87	Bayesian Analysis of Hot-Jupiter Radius Anomalies: Evidence for Ohmic Dissipation?. <i>Astronomical Journal</i> , 2018, 155, 214.	1.9	121
88	NEW ANALYSIS INDICATES NO THERMAL INVERSION IN THE ATMOSPHERE OF HD 209458b. <i>Astrophysical Journal</i> , 2014, 796, 66.	1.6	120
89	Measuring the Oblateness and Rotation of Transiting Extrasolar Giant Planets. <i>Astrophysical Journal</i> , 2003, 588, 545-556.	1.6	118
90	THE 8 $\mu$ m PHASE VARIATION OF THE HOT SATURN HD 149026b. <i>Astrophysical Journal</i> , 2009, 703, 769-784.	1.6	116

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91	THE ATMOSPHERIC CIRCULATION OF THE HOT JUPITER WASP-43b: COMPARING THREE-DIMENSIONAL MODELS TO SPECTROPHOTOMETRIC DATA. <i>Astrophysical Journal</i> , 2015, 801, 86.	1.6	116
92	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
93	THREE-DIMENSIONAL ATMOSPHERIC CIRCULATION OF WARM AND HOT JUPITERS: EFFECTS OF ORBITAL DISTANCE, ROTATION PERIOD, AND NONSYNCHRONOUS ROTATION. <i>Astrophysical Journal</i> , 2015, 801, 95.	1.6	113
94	THE IMPACT OF NON-UNIFORM THERMAL STRUCTURE ON THE INTERPRETATION OF EXOPLANET EMISSION SPECTRA. <i>Astrophysical Journal</i> , 2016, 829, 52.	1.6	113
95	USING STAR SPOTS TO MEASURE THE SPIN-ORBIT ALIGNMENT OF TRANSITING PLANETS. <i>Astrophysical Journal Letters</i> , 2011, 740, L10.	3.0	112
96	NEAR-INFRARED THERMAL EMISSION FROM WASP-12b: DETECTIONS OF THE SECONDARY ECLIPSE IN $K_s$ , $H$ , AND $J$ . <i>Astronomical Journal</i> , 2011, 141, 30.	1.9	110
97	ATMOSPHERIC CHARACTERIZATION OF THE HOT JUPITER KEPLER-13Ab. <i>Astrophysical Journal</i> , 2014, 788, 92.	1.6	110
98	Characterizing 51 Eri b from 1 to $5\frac{1}{4}\mu\text{m}$ : A Partly Cloudy Exoplanet. <i>Astronomical Journal</i> , 2017, 154, 10.	1.9	110
99	A STUDY OF THE DIVERSE T DWARF POPULATION REVEALED BY $WISE$ . <i>Astrophysical Journal, Supplement Series</i> , 2013, 205, 6.	3.0	107
100	KEPLER-68: THREE PLANETS, ONE WITH A DENSITY BETWEEN THAT OF EARTH AND ICE GIANTS. <i>Astrophysical Journal</i> , 2013, 766, 40.	1.6	106
101	Transit Detectability of Ring Systems around Extrasolar Giant Planets. <i>Astrophysical Journal</i> , 2004, 616, 1193-1203.	1.6	105
102	VLT FORS2 COMPARATIVE TRANSMISSION SPECTROSCOPY: DETECTION OF Na IN THE ATMOSPHERE OF WASP-39b FROM THE GROUND. <i>Astrophysical Journal</i> , 2016, 832, 191.	1.6	105
103	KEPLER-10 c: A 2.2 EARTH RADIUS TRANSITING PLANET IN A MULTIPLE SYSTEM. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 5.	3.0	103
104	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.	1.9	103
105	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
106	A GROUND-BASED OPTICAL TRANSMISSION SPECTRUM OF WASP-6b. <i>Astrophysical Journal</i> , 2013, 778, 184.	1.6	100
107	The Transiting Exoplanet Community Early Release Science Program for $JWST$ . <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114402.	1.0	100
108	ACCESS: a featureless optical transmission spectrum for WASP-19b from Magellan/IMACS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2065-2087.	1.6	99

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109	Transiting Exoplanet Studies and Community Targets for JWST's Early Release Science Program. Publications of the Astronomical Society of the Pacific, 2016, 128, 094401.	1.0	98
110	ON THE CARBON-TO-OXYGEN RATIO MEASUREMENT IN NEARBY SUN-LIKE STARS: IMPLICATIONS FOR PLANET FORMATION AND THE DETERMINATION OF STELLAR ABUNDANCES. Astrophysical Journal Letters, 2012, 747, L27.	3.0	97
111	3.6 AND 4.5 $\mu\text{m}$ PHASE CURVES OF THE HIGHLY IRRADIATED ECCENTRIC HOT JUPITER WASP-14b. Astrophysical Journal, 2015, 811, 122.	1.6	97
112	Metal Enrichment Leads to Low Atmospheric C/O Ratios in Transiting Giant Exoplanets. Astrophysical Journal Letters, 2017, 838, L9.	3.0	95
113	Characterizing Earth Analogs in Reflected Light: Atmospheric Retrieval Studies for Future Space Telescopes. Astronomical Journal, 2018, 155, 200.	1.9	94
114	Effects of Helium Phase Separation on the Evolution of Extrasolar Giant Planets. Astrophysical Journal, 2004, 608, 1039-1049.	1.6	93
115	WARM SPITZER PHOTOMETRY OF THE TRANSITING EXOPLANETS CoRoT-1 AND CoRoT-2 AT SECONDARY ECLIPSE. Astrophysical Journal, 2011, 726, 95.	1.6	92
116	Spitzer/MIPS 24 $\mu\text{m}$ OBSERVATIONS OF HD 209458b: THREE ECLIPSES, TWO AND A HALF TRANSITS, AND A PHASE CURVE CORRUPTED BY INSTRUMENTAL SENSITIVITY VARIATIONS. Astrophysical Journal, 2012, 752, 81.	1.6	92
117	FIVE KEPLER TARGET STARS THAT SHOW MULTIPLE TRANSITING EXOPLANET CANDIDATES. Astrophysical Journal, 2010, 725, 1226-1241.	1.6	91
118	Resolving the Surfaces of Extrasolar Planets with Secondary Eclipse Light Curves. Astrophysical Journal, 2006, 649, 1020-1027.	1.6	89
119	PHOTOMETRICALLY DERIVED MASSES AND RADII OF THE PLANET AND STAR IN THE TrES-2 SYSTEM. Astrophysical Journal, 2012, 761, 53.	1.6	89
120	A SEARCH FOR WATER IN THE ATMOSPHERE OF HAT-P-26b USING LDSS-3C. Astrophysical Journal, 2016, 817, 141.	1.6	86
121	MEASUREMENT OF SPIN-ORBIT MISALIGNMENT AND NODAL PRECESSION FOR THE PLANET AROUND PRE-MAIN-SEQUENCE STAR PTFO 8-8695 FROM GRAVITY DARKENING. Astrophysical Journal, 2013, 774, 53.	1.6	84
122	NEAR-INFRARED THERMAL EMISSION FROM THE HOT JUPITER TrES-2b: GROUND-BASED DETECTION OF THE SECONDARY ECLIPSE. Astrophysical Journal, 2010, 717, 1084-1091.	1.6	82
123	The roles of tidal evolution and evaporative mass loss in the origin of CoRoT-7 b. Monthly Notices of the Royal Astronomical Society, 2010, 407, 910-922.	1.6	82
124	DISCOVERY AND ATMOSPHERIC CHARACTERIZATION OF GIANT PLANET KEPLER-12b: AN INFLATED RADIUS OUTLIER. Astrophysical Journal, Supplement Series, 2011, 197, 9.	3.0	82
125	K2-97b: A (RE-)INFLATED PLANET ORBITING A RED GIANT STAR. Astronomical Journal, 2016, 152, 185.	1.9	82
126	The Intrinsic Temperature and Radiative Convective Boundary Depth in the Atmospheres of Hot Jupiters. Astrophysical Journal Letters, 2019, 884, L6.	3.0	82



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127	A solar C/O and sub-solar metallicity in a hot Jupiter atmosphere. <i>Nature</i> , 2021, 598, 580-584.	13.7	82
128	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
129	Uniform Atmospheric Retrieval Analysis of Ultracool Dwarfs. II. Properties of 11 T dwarfs. <i>Astrophysical Journal</i> , 2017, 848, 83.	1.6	80
130	Detection of a westward hotspot offset in the atmosphere of hot gas giant CoRoT-2b. <i>Nature Astronomy</i> , 2018, 2, 220-227.	4.2	79
131	TRANSMISSION SPECTRA OF TRANSITING PLANET ATMOSPHERES: MODEL VALIDATION AND SIMULATIONS OF THE HOT NEPTUNE CJ 436b FOR THE JAMES WEBB SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2011, 727, 65.	1.6	78
132	NEAR-INFRARED THERMAL EMISSION FROM TrES-3b: A Ks-BAND DETECTION AND AN H-BAND UPPER LIMIT ON THE DEPTH OF THE SECONDARY ECLIPSE. <i>Astrophysical Journal</i> , 2010, 718, 920-927.	1.6	77
133	SECONDARY ECLIPSE PHOTOMETRY OF WASP-4b WITH WARM SPITZER. <i>Astrophysical Journal</i> , 2011, 727, 23.	1.6	77
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