Eric Agol

List of Publications by Year
in descending order

203 papers	22,997 citations	11651 70 h-index	9103 144 g-index
209 all docs	209 docs citations	209 times ranked	9408 citing authors

#	Article	IF	Citations
1	Analytic Light Curves for Planetary Transit Searches. Astrophysical Journal, 2002, 580, L171-L175.	4.5	1,762
2	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	4.7	1,700
3	Seven temperate terrestrial planets around the nearby ultracool dwarf star TRAPPIST-1. Nature, 2017, 542, 456-460.	27.8	1,144
4	Viewing the Shadow of the Black Hole at the Galactic Center. Astrophysical Journal, 2000, 528, L13-L16.	4.5	733
5	On detecting terrestrial planets with timing of giant planet transits. Monthly Notices of the Royal Astronomical Society, 2005, 359, 567-579.	4.4	681
6	A map of the dayâ€“night contrast of the extrasolar planet HD 189733b. Nature, 2007, 447, 183-186.	27.8	650
7	Fast and Scalable Gaussian Process Modeling with Applications to Astronomical Time Series. Astronomical Journal, 2017, 154, 220.	4.7	555
8	EXOFAST: A Fast Exoplanetary Fitting Suite in IDL. Publications of the Astronomical Society of the Pacific, 2013, 125, 83-112.	3.1	539
9	ARCHITECTURE OFKEPLER'S MULTI-TRANSITING SYSTEMS. II. NEW INVESTIGATIONS WITH TWICE AS MANY CANDIDATES. Astrophysical Journal, 2014, 790, 146.	4.5	536
10	VALIDATION OFKEPLER'S MULTIPLE PLANET CANDIDATES. III. LIGHT CURVE ANALYSIS AND ANNOUNCEMENT OF HUNDREDS OF NEW MULTI-PLANET SYSTEMS. Astrophysical Journal, 2014, 784, 45.	4.5	418
11	MASSES, RADII, AND ORBITS OF SMALL KEPLER PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. Astrophysical Journal, Supplement Series, 2014, 210, 20.	7.7	418
12	INFRARED TRANSMISSION SPECTROSCOPY OF THE EXOPLANETS HD 209458b AND XO-1b USING THE WIDE FIELD CAMERA-3 ON THEHUBBLE SPACE TELESCOPE. Astrophysical Journal, 2013, 774, 95.	4.5	409
13	Kepler-36: A Pair of Planets with Neighboring Orbits and Dissimilar Densities. Science, 2012, 337, 556-559.	12.6	335
14	Kepler-47: A Transiting Circumbinary Multiplanet System. Science, 2012, 337, 1511-1514.	12.6	312
15	KEPLER ECLIPSING BINARY STARS. VII. THE CATALOG OF ECLIPSING BINARIES FOUND IN THE ENTIRE KEPLER DATA SET. Astronomical Journal, 2016, 151, 68.	4.7	302
16	THE STATISTICS OF ALBEDO AND HEAT RECIRCULATION ON HOT EXOPLANETS. Astrophysical Journal, 2011, 729, 54.	4.5	276
17	THE CLIMATE OF HD 189733b FROM FOURTEEN TRANSITS AND ECLIPSES MEASURED BYSPITZER. Astrophysical Journal, 2010, 721, 1861-1877.	4.5	266
18	3.6 AND 4.5 Î¼m PHASE CURVES AND EVIDENCE FOR NON-EQUILIBRIUM CHEMISTRY IN THE ATMOSPHERE OF EXTRASOLAR PLANET HD 189733b. Astrophysical Journal, 2012, 754, 22.	4.5	264

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19	A seven-planet resonant chain in TRAPPIST-1. Nature Astronomy, 2017, 1, .	10.1	263
20	The nature of the TRAPPIST-1 exoplanets. Astronomy and Astrophysics, 2018, 613, A68.	5.1	246
21	Magnetic Stress at the Marginally Stable Orbit: Altered Disk Structure, Radiation, and Black Hole Spin Evolution. Astrophysical Journal, 2000, 528, 161-170.	4.5	230
22	THE NEPTUNE-SIZED CIRCUMBINARY PLANET KEPLER-38b. Astrophysical Journal, 2012, 758, 87.	4.5	213
23	Kepler-62: A Five-Planet System with Planets of 1.4 and 1.6 Earth Radii in the Habitable Zone. Science, 2013, 340, 587-590.	12.6	213
24	SPITZERSECONDARY ECLIPSES OF THE DENSE, MODESTLY-IRRADIATED, GIANT EXOPLANET HAT-P-$20{m b}$ USING PIXEL-LEVEL DECORRELATION. Astrophysical Journal, 2015, 805, 132.	4.5	212
25	EVEREST: PIXEL LEVEL DECORRELATION OF K2 LIGHT CURVES. Astronomical Journal, 2016, 152, 100.	4.7	205
26	MULTIWAVELENGTH CONSTRAINTS ON THE DAY-NIGHT CIRCULATION PATTERNS OF HD 189733b. Astrophysical Journal, 2009, 690, 822-836.	4.5	204
27	starry: Analytic Occultation Light Curves. Astronomical Journal, 2019, 157, 64.	4.7	199
28	THE SIZES OF THE X-RAY AND OPTICAL EMISSION REGIONS OF RXJ 1131-1231. Astrophysical Journal, 2010, 709, 278-285.	4.5	194
29	A sub-Mercury-sized exoplanet. Nature, 2013, 494, 452-454.	27.8	193
30	ALIEN MAPS OF AN OCEAN-BEARING WORLD. Astrophysical Journal, 2009, 700, 915-923.	4.5	188
31	THE SUBMILLIMETER BUMP IN Sgr A* FROM RELATIVISTIC MHD SIMULATIONS. Astrophysical Journal, 2010, 717, 1092-1104.	4.5	182
32	VALIDATION OFKEPLER'S MULTIPLE PLANET CANDIDATES. II. REFINED STATISTICAL FRAMEWORK AND DESCRIPTIONS OF SYSTEMS OF SPECIAL INTEREST. Astrophysical Journal, 2014, 784, 44.	4.5	182
33	Transit timing observations from Kepler â€“ VII. Confirmation of 27 planets in 13 multiplanet systems via transit timing variations and orbital stability. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1077-1087.	4.4	174
34	A FAST NEW PUBLIC CODE FOR COMPUTING PHOTON ORBITS IN A KERR SPACETIME. Astrophysical Journal, 2009, 696, 1616-1629.	4.5	162
35	Refining the Transit-timing and Photometric Analysis of TRAPPIST-1: Masses, Radii, Densities, Dynamics, and Ephemerides. Planetary Science Journal, 2021, 2, 1.	3.6	161
36	Inverting Phase Functions to Map Exoplanets. Astrophysical Journal, 2008, 678, L129-L132.	4.5	158

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37	QUASAR ACCRETION DISKS ARE STRONGLY INHOMOGENEOUS. Astrophysical Journal Letters, 2011, 727, L24.	8.3	153
38	ORBITAL PHASE VARIATIONS OF THE ECCENTRIC GIANT PLANET HAT-P-2b. Astrophysical Journal, 2013, 766, 95.	4.5	153
39	THE 4.5 Î¼m FULL-ORBIT PHASE CURVE OF THE HOT JUPITER HD 209458b. Astrophysical Journal, 2014, 790, 53.	4.5	152
40	Hot nights on extrasolar planets: mid-infrared phase variations of hot Jupiters. Monthly Notices of the Royal Astronomical Society, 2007, 379, 641-646.	4.4	147
41	TRANSIT TIMING OBSERVATIONS FROM KEPLER . VIII. CATALOG OF TRANSIT TIMING MEASUREMENTS OF THE FIRST TWELVE QUARTERS. Astrophysical Journal, Supplement Series, 2013, 208, 16.	7.7	147
42	SECURE MASS MEASUREMENTS FROM TRANSIT TIMING: 10 KEPLER EXOPLANETS BETWEEN 3 AND 8 M _{âŠ•} WITH DIVERSE DENSITIES AND INCIDENT FLUXES. Astrophysical Journal, 2016, 820, 39.	4.5	147
43	ALL SIX PLANETS KNOWN TO ORBIT KEPLER-11 HAVE LOW DENSITIES. Astrophysical Journal, 2013, 770, 131.	4.5	145
44	A TWO-DIMENSIONAL INFRARED MAP OF THE EXTRASOLAR PLANET HD 189733b. Astrophysical Journal Letters, 2012, 747, L20.	8.3	140
45	Nonâ€ŁTE Models and Theoretical Spectra of Accretion Disks in Active Galactic Nuclei. IV. Effects of Compton Scattering and Metal Opacities. Astrophysical Journal, 2001, 559, 680-702.	4.5	139
46	3.6 AND 4.5 Î¼m SPITZER PHASE CURVES OF THE HIGHLY IRRADIATED HOT JUPITERS WASP-19b AND HAT-P-7b. Astrophysical Journal, 2016, 823, 122.	4.5	129
47	The size of the jet launching region in M87. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1517-1528.	4.4	127
48	A MODEL FOR THERMAL PHASE VARIATIONS OF CIRCULAR AND ECCENTRIC EXOPLANETS. Astrophysical Journal, 2011, 726, 82.	4.5	124
49	TTVFast: AN EFFICIENT AND ACCURATE CODE FOR TRANSIT TIMING INVERSION PROBLEMS. Astrophysical Journal, 2014, 787, 132.	4.5	124
50	Nonâ€ŁTE Models and Theoretical Spectra of Accretion Disks in Active Galactic Nuclei. III. Integrated Spectra for Hydrogenâ€Helium Disks. Astrophysical Journal, 2000, 533, 710-728.	4.5	122
51	Three-dimensional radiative-hydrodynamical simulations of the highly irradiated short-period exoplanet HDÂ189733b. Monthly Notices of the Royal Astronomical Society, 2013, 435, 3159-3168.	4.4	118
52	THE 8 Î¼m PHASE VARIATION OF THE HOT SATURN HD 149026b. Astrophysical Journal, 2009, 703, 769-784.	4.5	116
53	ASPITZERTRANSMISSION SPECTRUM FOR THE EXOPLANET GJ 436b, EVIDENCE FOR STELLAR VARIABILITY, AND CONSTRAINTS ON DAYSIDE FLUX VARIATIONS. Astrophysical Journal, 2011, 735, 27.	4.5	115
54	An analysis of the transit times of TrES-1b. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 364, L96-L100.	3.3	110

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55	ATMOSPHERIC CHARACTERIZATION OF THE HOT JUPITER KEPLER-13Ab. Astrophysical Journal, 2014, 788, 92.	4.5	110
56	MILLIMETER FLARES AND VLBI VISIBILITIES FROM RELATIVISTIC SIMULATIONS OF MAGNETIZED ACCRETION ONTO THE GALACTIC CENTER BLACK HOLE. Astrophysical Journal, 2009, 703, L142-L146.	4.5	106
57	Analytic Planetary Transit Light Curves and Derivatives for Stars with Polynomial Limb Darkening. Astronomical Journal, 2020, 159, 123.	4.7	106
58	TRANSIT SURVEYS FOR EARTHS IN THE HABITABLE ZONES OF WHITE DWARFS. Astrophysical Journal Letters, 2011, 731, L31.	8.3	104
59	An Update to the EVEREST K2 Pipeline: Short Cadence, Saturated Stars, and Kepler-like Photometry Down to KpÂ=Â15. Astronomical Journal, 2018, 156, 99.	4.7	104
60	exoplanet: Gradient-based probabilistic inference for exoplanet data other astronomical time series. Journal of Open Source Software, 2021, 6, 3285.	4.6	104
61	Phase Curves of WASP-33b and HD 149026b and a New Correlation between Phase Curve Offset and Irradiation Temperature. Astronomical Journal, 2018, 155, 83.	4.7	103
62	X-rays from isolated black holes in the Milky Way. Monthly Notices of the Royal Astronomical Society, 2002, 334, 553-562.	4.4	101
63	Microlensing variability in the gravitationally lensed quasar QSOÂ2237+0305 $mathsf{equiv}$ the Einstein Cross. Astronomy and Astrophysics, 2008, 490, 933-943.	5.1	101
64	Transit Analysis Package: An IDL Graphical User Interface for Exoplanet Transit Photometry. Advances in Astronomy, 2012, 2012, 1-8.	1.1	98
65	Transiting Exoplanet Studies and Community Targets forJWST's Early Release Science Program. Publications of the Astronomical Society of the Pacific, 2016, 128, 094401.	3.1	98
66	3.6 AND 4.5Î¼m PHASE CURVES OF THE HIGHLY IRRADIATED ECCENTRIC HOT JUPITER WASP-14b. Astrophysical Journal, 2015, 811, 122.	4.5	97
67	THE POPULATION OF LONG-PERIOD TRANSITING EXOPLANETS. Astronomical Journal, 2016, 152, 206.	4.7	96
68	Sagittarius A* Polarization: No Advection-dominated Accretion Flow, Low Accretion Rate, and Nonthermal Synchrotron Emission. Astrophysical Journal, 2000, 538, L121-L124.	4.5	93
69	WARMSPITZERPHOTOMETRY OF THE TRANSITING EXOPLANETS CoRoT-1 AND CoRoT-2 AT SECONDARY ECLIPSE. Astrophysical Journal, 2011, 726, 95.	4.5	92
70	MEASUREMENT OF PLANET MASSES WITH TRANSIT TIMING VARIATIONS DUE TO SYNODIC â€œCHOPPINGâ€• EFFECTS. Astrophysical Journal, 2015, 802, 116.	4.5	91
71	RAPID DYNAMICAL CHAOS IN AN EXOPLANETARY SYSTEM. Astrophysical Journal Letters, 2012, 755, L21.	8.3	88
72	A Second Terrestrial Planet Orbiting the Nearby M Dwarf LHS 1140. Astronomical Journal, 2019, 157, 32.	4.7	83

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73	A limit on the presence of Earth-mass planets around a Sun-like star. Monthly Notices of the Royal Astronomical Society, 2007, 374, 941-948.	4.4	78
74	SECONDARY ECLIPSE PHOTOMETRY OF WASP-4b WITH WARMSPITZER. Astrophysical Journal, 2011, 727, 23.	4.5	77
75	REVISED MASSES AND DENSITIES OF THE PLANETS AROUND KEPLER-10*. Astrophysical Journal, 2016, 819, 83.	4.5	74
76	TRANSIT TIMING TO FIRST ORDER IN ECCENTRICITY. Astrophysical Journal, 2016, 818, 177.	4.5	74
77	KEPLERAND GROUND-BASED TRANSITS OF THE EXO-NEPTUNE HAT-P-11b. Astrophysical Journal, 2011, 740, 33.	4.5	72
78	ChandraObservations of QSO 2237+0305. Astrophysical Journal, 2003, 589, 100-110.	4.5	71
79	WARMSPITZERPHOTOMETRY OF THREE HOT JUPITERS: HAT-P-3b, HAT-P-4b AND HAT-P-12b. Astrophysical Journal, 2013, 770, 102.	4.5	71
80	Zooming into the broad line region of the gravitationally lensed quasar QSOÂ2237Â+Â0305 Ââ‰¡Â the Einstein Cross. Astronomy and Astrophysics, 2011, 528, A100.	5.1	69
81	WARMSPITZEROBSERVATIONS OF THREE HOT EXOPLANETS: XO-4b, HAT-P-6b, AND HAT-P-8b. Astrophysical Journal, 2012, 746, 111.	4.5	69
82	Ultracompact AM Canum Venaticorum Binaries from the Sloan Digital Sky Survey: Three Candidates Plus the First Confirmed Eclipsing System. Astronomical Journal, 2005, 130, 2230-2236.	4.7	67
83	PLANET HUNTERS. VII. DISCOVERY OF A NEW LOW-MASS, LOW-DENSITY PLANET (PH3 C) ORBITING KEPLER-289 WITH MASS MEASUREMENTS OF TWO ADDITIONAL PLANETS (PH3 B AND D). Astrophysical Journal, 2014, 795, 167.	4.5	67
84	THE IMPACT OF CIRCUMPLANTARY JETS ON TRANSIT SPECTRA AND TIMING OFFSETS FOR HOT JUPITERS. Astrophysical Journal, 2012, 751, 87.	4.5	66
85	Possible Bright Starspots on TRAPPIST-1. Astrophysical Journal, 2018, 857, 39.	4.5	65
86	Discovery of a Third Transiting Planet in the Kepler-47 Circumbinary System. Astronomical Journal, 2019, 157, 174.	4.7	65
87	THE QUASIPERIODIC AUTOMATED TRANSIT SEARCH ALGORITHM. Astrophysical Journal, 2013, 765, 132.	4.5	63
88	Imaging a Quasar Accretion Disk with Microlensing. Astrophysical Journal, 1999, 524, 49-64.	4.5	61
89	EVIDENCE FOR LARGE TEMPERATURE FLUCTUATIONS IN QUASAR ACCRETION DISKS FROM SPECTRAL VARIABILITY. Astrophysical Journal, 2014, 783, 105.	4.5	60
90	New Worlds on the Horizon: Earth-Sized Planets Close to Other Stars. Science, 2007, 318, 210-213.	12.6	59

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91	Caught in the Act:ChandraObservations of Microlensing of the Radioâ€loud Quasar MG J0414+0534. Astrophysical Journal, 2002, 568, 509-521.	4.5	58
92	CONSTRAINTS ON THE ATMOSPHERIC CIRCULATION AND VARIABILITY OF THE ECCENTRIC HOT JUPITER XO-3b. Astrophysical Journal, 2014, 794, 134.	4.5	56
93	The Effect of Orbital Configuration on the Possible Climates and Habitability of Kepler-62f. Astrobiology, 2016, 16, 443-464.	3.0	56
94	WARMSPITZERAND PALOMAR NEAR-IR SECONDARY ECLIPSE PHOTOMETRY OF TWO HOT JUPITERS: WASP-48b AND HAT-P-23b. Astrophysical Journal, 2014, 781, 109.	4.5	55
95	New Insights on Planet Formation in WASP-47 from a Simultaneous Analysis of Radial Velocities and Transit Timing Variations. Astronomical Journal, 2017, 153, 265.	4.7	55
96	Keck Midâ€Infrared Imaging of QSO 2237+0305. Astrophysical Journal, 2000, 545, 657-663.	4.5	54
97	EXOPLANETARY TRANSITS OF LIMB-BRIGHTENED LINES: TENTATIVE Si IV ABSORPTION BY HD 209458b. Astrophysical Journal Letters, 2010, 722, L75-L79.	8.3	54
98	Microlensing of Large Sources. Astrophysical Journal, 2003, 594, 449-455.	4.5	53
99	SPITZERSECONDARY ECLIPSE OBSERVATIONS OF FIVE COOL GAS GIANT PLANETS AND EMPIRICAL TRENDS IN COOL PLANET EMISSION SPECTRA. Astrophysical Journal, 2015, 810, 118.	4.5	52
100	KOI-3278: A Self-Lensing Binary Star System. Science, 2014, 344, 275-277.	12.6	51
101	ROTATIONAL VARIABILITY OF EARTH'S POLAR REGIONS: IMPLICATIONS FOR DETECTING SNOWBALL PLANETS. Astrophysical Journal, 2011, 731, 76.	4.5	50
102	Polarization from magnetized accretion discs in active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 1996, 282, 965-976.	4.4	48
103	Occultation and Microlensing. Astrophysical Journal, 2002, 579, 430-436.	4.5	48
104	Detection of Hundreds of New Planet Candidates and Eclipsing Binaries in K2 Campaigns 0â€“8. Astrophysical Journal, Supplement Series, 2019, 244, 11.	7.7	48
105	Microlensing variability in the gravitationally lensed quasar QSOÂ2237+0305â€€â‰¡the Einstein Cross. Astronomy and Astrophysics, 2008, 480, 647-661.	5.1	48
106	DETECTION OF SUBSTRUCTURE IN THE GRAVITATIONALLY LENSED QUASAR MG0414+0534 USING MID-INFRARED AND RADIO VLBI OBSERVATIONS. Astrophysical Journal, 2013, 773, 35.	4.5	47
107	THE CENTER OF LIGHT: SPECTROASTROMETRIC DETECTION OF EXOMOONS. Astrophysical Journal, 2015, 812, 5.	4.5	47
108	Rounding up the wanderers: optimizing coronagraphic searches for extrasolar planets. Monthly Notices of the Royal Astronomical Society, 2007, 374, 1271-1289.	4.4	46

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109	SECONDARY ECLIPSE PHOTOMETRY OF THE EXOPLANET WASP-5b WITH WARMSPITZER. Astrophysical Journal, 2013, 773, 124.	4.5	46
110	TRANSIT TIMING VARIATIONS FOR PLANETS NEAR ECCENTRICITY-TYPE MEAN MOTION RESONANCES. Astrophysical Journal, 2016, 821, 96.	4.5	46
111	Chromospheric Activity of HAT-P-11: An Unusually Active Planet-hosting K Star. Astrophysical Journal, 2017, 848, 58.	4.5	46
112	ChandraObservations of the Cloverleaf Quasar H1413+117: A Unique Laboratory for Microlensing Studies of a LoBAL Quasar. Astrophysical Journal, 2004, 606, 78-84.	4.5	46
113	Discovery of Probable Relativistic Fe Emission and Absorption in the Cloverleaf Quasar H 1413+117. Astrophysical Journal, 2007, 661, 678-692.	4.5	45
114	TRAPPIST-1: Global results of the Spitzer Exploration Science Program Red Worlds. Astronomy and Astrophysics, 2020, 640, A112.	5.1	45
115	A PRECISE ESTIMATE OF THE RADIUS OF THE EXOPLANET HD 149026b FROMSPITZERPHOTOMETRY. Astrophysical Journal, 2009, 692, 229-235.	4.5	43
116	APOSTLE OBSERVATIONS OF GJ 1214b: SYSTEM PARAMETERS AND EVIDENCE FOR STELLAR ACTIVITY. Astrophysical Journal, 2011, 731, 123.	4.5	43
117	Exploring the brown dwarf desert: new substellar companions from the SDSS-III MARVELS survey. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4264-4281.	4.4	42
118	Finding Black Holes with Microlensing. Astrophysical Journal, 2002, 576, L131-L135.	4.5	42
119	THE APOGEE SPECTROSCOPIC SURVEY OFKEPLERPLANET HOSTS: FEASIBILITY, EFFICIENCY, AND FIRST RESULTS. Astronomical Journal, 2015, 149, 143.	4.7	40
120	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. V. A LOW ECCENTRICITY BROWN DWARF FROM THE DRIEST PART OF THE DESERT, MARVELS-6b. Astronomical Journal, 2013, 145, 155.	4.7	38
121	DETECTION OF A COMPANION LENS GALAXY USING THE MID-INFRARED FLUX RATIOS OF THE GRAVITATIONALLY LENSED QUASAR H1413+117. Astrophysical Journal, 2009, 699, 1578-1583.	4.5	37
122	Photon Damping of Waves in Accretion Disks. Astrophysical Journal, 1998, 507, 304-315.	4.5	37
123	Planet-induced Stellar Pulsations in HAT-P-2's Eccentric System. Astrophysical Journal Letters, 2017, 836, L17.	8.3	36
124	VERY LOW-MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. VI. A GIANT PLANET AND A BROWN DWARF CANDIDATE IN A CLOSE BINARY SYSTEM HD 87646. Astronomical Journal, 2016, 152, 112.	4.7	34
125	Near-resonance in a System of Sub-Neptunes from TESS. Astronomical Journal, 2019, 158, 177.	4.7	34
126	Nonâ€LTE, Relativistic Accretion Disk Fits to 3C 273 and the Origin of the Lyman Limit Spectral Break. Astrophysical Journal, 2001, 563, 560-568.	4.5	34

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127	Planetâ€“Planet Occultations in TRAPPIST-1 and Other Exoplanet Systems. Astrophysical Journal, 2017, 851, 94.	4.5	33
128	Twoâ€dimensional Hydrodynamic Simulations of Convection in Radiationâ€dominated Accretion Disks. Astrophysical Journal, 2001, 558, 543-552.	4.5	31
129	Two-Micron All-Sky Survey J01542930+0053266: a new eclipsing M dwarf binary system. Monthly Notices of the Royal Astronomical Society, 2008, 386, 416-424.	4.4	30
130	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. IV. A CANDIDATE BROWN DWARF OR LOW-MASS STELLAR COMPANION TO HIP 67526. Astronomical Journal, 2013, 146, 65.	4.7	30
131	A CAUTIONARY TALE: MARVELS BROWN DWARF CANDIDATE REVEALS ITSELF TO BE A VERY LONG PERIOD, HIGHLY ECCENTRIC SPECTROSCOPIC STELLAR BINARY. Astronomical Journal, 2013, 145, 139.	4.7	30
132	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. Astronomical Journal, 2021, 162, 234.	4.7	30
133	MARVELS-1b: A SHORT-PERIOD, BROWN DWARF DESERT CANDIDATE FROM THE SDSS-III MARVELS PLANET SEARCH. Astrophysical Journal, 2011, 728, 32.	4.5	29
134	The 0.8â€“4.5 Î¼m Broadband Transmission Spectra of TRAPPIST-1 Planets. Astronomical Journal, 2018, 156, 218.	4.7	29
135	Stellar Rotation in the K2 Sample: Evidence for Modified Spin-down. Astrophysical Journal, 2021, 913, 70.	4.5	29
136	The size of the mid-IR emission region of a quasar inferred from microlensed images of Q2237+0305. Monthly Notices of the Royal Astronomical Society, 2002, 331, 1041-1052.	4.4	28
137	Spectropolarimetry and Modeling of the Eclipsing T Tauri Star KH 15D. Astrophysical Journal, 2004, 600, 781-788.	4.5	28
138	SPITZEROBSERVATIONS OF A GRAVITATIONALLY LENSED QUASAR, QSO 2237+0305. Astrophysical Journal, 2009, 697, 1010-1019.	4.5	27
139	OBSERVATIONS OF THE WASP-2 SYSTEM BY THE APOSTLE PROGRAM. Astrophysical Journal Letters, 2013, 764, L17.	8.3	27
140	The Pale Green Dot: A Method to Characterize Proxima Centauri b Using Exo-Aurorae. Astrophysical Journal, 2017, 837, 63.	4.5	27
141	A SEARCH FOR EXOZODIACAL CLOUDS WITHKEPLER. Astrophysical Journal, 2013, 764, 195.	4.5	26
142	Polarization from magnetized accretion discs - II. The effects of absorption opacity on Faraday rotation. Monthly Notices of the Royal Astronomical Society, 1998, 293, 1-17.	4.4	25
143	An upper limit on late accretion and water delivery in the TRAPPIST-1 exoplanet system. Nature Astronomy, 2022, 6, 80-88.	10.1	25
144	Photometric Analysis and Transit Times of TRAPPIST-1 B and C. Research Notes of the AAS, 2018, 2, 10.	0.7	24

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145	Polarization near the Lyman Edge in Accretion Disk Atmosphere Models of Quasars. Astrophysical Journal, 1996, 469, L41-L44.	4.5	23
146	K2-146: Discovery of Planet c, Precise Masses from Transit Timing, and Observed Precession. Astronomical Journal, 2019, 158, 133.	4.7	23
147	Stellar Properties of Active G and K Stars: Exploring the Connection between Starspots and Chromospheric Activity. Astronomical Journal, 2019, 158, 101.	4.7	22
148	Transit timing analysis of CoRoT-1b. Astronomy and Astrophysics, 2010, 510, A94.	5.1	21
149	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. I. A LOW-MASS RATIO STELLAR COMPANION TO TYC 4110-01037-1 IN A 79 DAY ORBIT. Astronomical Journal, 2012, 143, 107.	4.7	21
150	Predictable patterns in planetary transit timing variations and transit duration variations due to exomoons. Astronomy and Astrophysics, 2016, 591, A67.	5.1	21
151	Polarization during binary microlensing. Monthly Notices of the Royal Astronomical Society, 1996, 279, 571-580.	4.4	19
152	Impact of tides on the transit-timing fits to the TRAPPIST-1 system. Astronomy and Astrophysics, 2020, 635, A117.	5.1	19
153	Transit-Timing and Duration Variations for the Discovery and Characterization of Exoplanets. , 2018, , 797-816.		18
154	Robust Transiting Exoplanet Radii in the Presence of Starspots from Ingress and Egress Durations. Astronomical Journal, 2018, 156, 91.	4.7	18
155	Hubble imaging excludes cosmic string lens. Physical Review D, 2006, 73, .	4.7	17
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