

David Latham

List of Publications by Citations

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539
papers

42,377
citations

104
h-index

191
g-index

567
ext. papers

48,600
ext. citations

7.2
avg, IF

6.64
L-index

#	Paper	IF	Citations
539	Kepler planet-detection mission: introduction and first results. <i>Science</i> , 2010 , 327, 977-80	33.3	2235
538	Transiting Exoplanet Survey Satellite. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2014 , 1, 014003	1.1	1371
537	A SURVEY OF STELLAR FAMILIES: MULTIPLICITY OF SOLAR-TYPE STARS. <i>Astrophysical Journal, Supplement Series</i> , 2010 , 190, 1-42	8	1173
536	Detection of Planetary Transits Across a Sun-like Star. <i>Astrophysical Journal</i> , 2000 , 529, L45-L48	4.7	1051
535	KEPLER MISSION DESIGN, REALIZED PHOTOMETRIC PERFORMANCE, AND EARLY SCIENCE. <i>Astrophysical Journal Letters</i> , 2010 , 713, L79-L86	7.9	807
534	CHARACTERISTICS OF PLANETARY CANDIDATES OBSERVED BY KEPLER. II. ANALYSIS OF THE FIRST FOUR MONTHS OF DATA. <i>Astrophysical Journal</i> , 2011 , 736, 19	4.7	768
533	PLANETARY CANDIDATES OBSERVED BY KEPLER . III. ANALYSIS OF THE FIRST 16 MONTHS OF DATA. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 204, 24	8	755
532	PLANET OCCURRENCE WITHIN 0.25 AU OF SOLAR-TYPE STARS FROM KEPLER. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 201, 15	8	748
531	KEPLERINPUT CATALOG: PHOTOMETRIC CALIBRATION AND STELLAR CLASSIFICATION. <i>Astronomical Journal</i> , 2011 , 142, 112	4.9	670
530	A super-Earth transiting a nearby low-mass star. <i>Nature</i> , 2009 , 462, 891-4	50.4	598
529	Kepler-16: a transiting circumbinary planet. <i>Science</i> , 2011 , 333, 1602-6	33.3	528
528	Detection of Thermal Emission from an Extrasolar Planet. <i>Astrophysical Journal</i> , 2005 , 626, 523-529	4.7	526
527	ARCHITECTURE AND DYNAMICS OF KEPLER 'S CANDIDATE MULTIPLE TRANSITING PLANET SYSTEMS. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 197, 8	8	525
526	A closely packed system of low-mass, low-density planets transiting Kepler-11. <i>Nature</i> , 2011 , 470, 53-8	50.4	504
525	An abundance of small exoplanets around stars with a wide range of metallicities. <i>Nature</i> , 2012 , 486, 375-7	50.4	459
524	KEPLER'S FIRST ROCKY PLANET: KEPLER-10b. <i>Astrophysical Journal</i> , 2011 , 729, 27	4.7	428
523	Transiting Exoplanet Survey Satellite (TESS) 2014 ,		413

522	THE TRANSITING EXOPLANET SURVEY SATELLITE: SIMULATIONS OF PLANET DETECTIONS AND ASTROPHYSICAL FALSE POSITIVES. <i>Astrophysical Journal</i> , 2015 , 809, 77	4.7	370
521	MASSSES, RADII, AND ORBITS OF SMALL KEPLER PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014 , 210, 20	8	368
520	Transiting circumbinary planets Kepler-34 b and Kepler-35 b. <i>Nature</i> , 2012 , 481, 475-9	50.4	342
519	ROTATIONAL AND RADIAL VELOCITIES FOR A SAMPLE OF 761 HIPPARCOS GIANTS AND THE ROLE OF BINARITY. <i>Astronomical Journal</i> , 2008 , 135, 209-231	4.9	342
518	TrES-1: The Transiting Planet of a Bright K0 V Star. <i>Astrophysical Journal</i> , 2004 , 613, L153-L156	4.7	341
517	Kepler Asteroseismology Program: Introduction and First Results. <i>Publications of the Astronomical Society of the Pacific</i> , 2010 , 122, 131-143	5	333
516	Kepler-36: a pair of planets with neighboring orbits and dissimilar densities. <i>Science</i> , 2012 , 337, 556-9	33.3	305
515	Kepler-9: a system of multiple planets transiting a Sun-like star, confirmed by timing variations. <i>Science</i> , 2010 , 330, 51-4	33.3	303
514	A disintegrating minor planet transiting a white dwarf. <i>Nature</i> , 2015 , 526, 546-9	50.4	301
513	The unseen companion of HD114762: a probable brown dwarf. <i>Nature</i> , 1989 , 339, 38-40	50.4	298
512	CHARACTERISTICS OF KEPLER PLANETARY CANDIDATES BASED ON THE FIRST DATA SET. <i>Astrophysical Journal</i> , 2011 , 728, 117	4.7	291
511	The TESS science processing operations center 2016 ,		286
510	The TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , 2018 , 156, 102	4.9	279
509	HAT-P-11b: A SUPER-NEPTUNE PLANET TRANSITING A BRIGHT K STAR IN THE KEPLER FIELD. <i>Astrophysical Journal</i> , 2010 , 710, 1724-1745	4.7	274
508	The Revised TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , 2019 , 158, 138	4.9	272
507	A Survey of Proper-Motion Stars. XVI. Orbital Solutions for 171 Single-lined Spectroscopic Binaries. <i>Astronomical Journal</i> , 2002 , 124, 1144-1161	4.9	271
506	Improving Stellar and Planetary Parameters of Transiting Planet Systems: The Case of TrES-2. <i>Astrophysical Journal</i> , 2007 , 664, 1190-1198	4.7	257
505	A rediscussion of the atmospheric extinction and the absolute spectral-energy distribution of VEGA. <i>Astrophysical Journal</i> , 1975 , 197, 593	4.7	247

504	The Spectroscopic Orbit of the Planetary Companion Transiting HD 209458. <i>Astrophysical Journal</i> , 2000 , 532, L55-L58	4.7	243
503	The Transit Light Curve Project. IX. Evidence for a Smaller Radius of the Exoplanet XO-3b. <i>Astrophysical Journal</i> , 2008 , 683, 1076-1084	4.7	238
502	PLANETARY CANDIDATES OBSERVED BY . VIII. A FULLY AUTOMATED CATALOG WITH MEASURED COMPLETENESS AND RELIABILITY BASED ON DATA RELEASE 25. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 235,	8	232
501	KEPLERECLIPSING BINARY STARS. VII. THE CATALOG OF ECLIPSING BINARIES FOUND IN THE ENTIREKEPLERDATA SET. <i>Astronomical Journal</i> , 2016 , 151, 68	4.9	230
500	FUNDAMENTAL PROPERTIES OFKEPLERPLANET-CANDIDATE HOST STARS USING ASTEROSEISMOLOGY. <i>Astrophysical Journal</i> , 2013 , 767, 127	4.7	228
499	SELECTION, PRIORITIZATION, AND CHARACTERISTICS OF KEPLER TARGET STARS. <i>Astrophysical Journal Letters</i> , 2010 , 713, L109-L114	7.9	228
498	A temperate rocky super-Earth transiting a nearby cool star. <i>Nature</i> , 2017 , 544, 333-336	50.4	227
497	Stellar spin-orbit misalignment in a multiplanet system. <i>Science</i> , 2013 , 342, 331-4	33.3	219
496	A HIGH-PRECISION NEAR-INFRARED SURVEY FOR RADIAL VELOCITY VARIABLE LOW-MASS STARS USING CSHELL AND A METHANE GAS CELL. <i>Astrophysical Journal</i> , 2016 , 822, 40	4.7	215
495	HAT-P-16b: A 4MJPLANET TRANSITING A BRIGHT STAR ON AN ECCENTRIC ORBIT,. <i>Astrophysical Journal</i> , 2010 , 720, 1118-1125	4.7	212
494	Revised Stellar Properties of Kepler Targets for the Q1-17 (DR25) Transit Detection Run. <i>Astrophysical Journal, Supplement Series</i> , 2017 , 229, 30	8	210
493	PLANETARY CANDIDATES OBSERVED BY KEPLER IV: PLANET SAMPLE FROM Q1-Q8 (22 MONTHS). <i>Astrophysical Journal, Supplement Series</i> , 2014 , 210, 19	8	210
492	PLANETARY CANDIDATES OBSERVED BY KEPLER . VI. PLANET SAMPLE FROM Q1Q16 (47 MONTHS). <i>Astrophysical Journal, Supplement Series</i> , 2015 , 217, 31	8	209
491	Three regimes of extrasolar planet radius inferred from host star metallicities. <i>Nature</i> , 2014 , 509, 593-5	50.4	203
490	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2012 , 745, 120	4.7	200
489	KELT-1b: A STRONGLY IRRADIATED, HIGHLY INFLATED, SHORT PERIOD, 27 JUPITER-MASS COMPANION TRANSITING A MID-F STAR. <i>Astrophysical Journal</i> , 2012 , 761, 123	4.7	200
488	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	5	198
487	MODELINGKEPLERTRANSIT LIGHT CURVES AS FALSE POSITIVES: REJECTION OF BLEND SCENARIOS FOR KEPLER-9, AND VALIDATION OF KEPLER-9 d, A SUPER-EARTH-SIZE PLANET IN A MULTIPLE SYSTEM. <i>Astrophysical Journal</i> , 2011 , 727, 24	4.7	196

486	State of the Field: Extreme Precision Radial Velocities. <i>Publications of the Astronomical Society of the Pacific</i> , 2016 , 128, 066001	5	191
485	PLANETARY CANDIDATES OBSERVED BY KEPLER . VII. THE FIRST FULLY UNIFORM CATALOG BASED ON THE ENTIRE 48-MONTH DATA SET (Q1-Q17 DR24). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 224, 12	8	190
484	HAT-P-1b: A Large-Radius, Low-Density Exoplanet Transiting One Member of a Stellar Binary. <i>Astrophysical Journal</i> , 2007 , 656, 552-559	4.7	190
483	A spin-down clock for cool stars from observations of a 2.5-billion-year-old cluster. <i>Nature</i> , 2015 , 517, 589-91	50.4	187
482	THE MASS OF Kepler-93b AND THE COMPOSITION OF TERRESTRIAL PLANETS. <i>Astrophysical Journal</i> , 2015 , 800, 135	4.7	182
481	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, 587-90	33.3	181
480	The Transit Light Curve Project. I. Four Consecutive Transits of the Exoplanet XO-1b. <i>Astrophysical Journal</i> , 2006 , 652, 1715-1723	4.7	180
479	Kepler's optical phase curve of the exoplanet HAT-P-7b. <i>Science</i> , 2009 , 325, 709	33.3	179
478	KOI-126: a triply eclipsing hierarchical triple with two low-mass stars. <i>Science</i> , 2011 , 331, 562-5	33.3	176
477	HAT-P-7b: An Extremely Hot Massive Planet Transiting a Bright Star in the Kepler Field. <i>Astrophysical Journal</i> , 2008 , 680, 1450-1456	4.7	175
476	TRANSIT TIMING OBSERVATIONS FROM KEPLER. IV. CONFIRMATION OF FOUR MULTIPLE-PLANET SYSTEMS BY SIMPLE PHYSICAL MODELS. <i>Astrophysical Journal</i> , 2012 , 750, 114	4.7	173
475	TrES-2: The First Transiting Planet in the Kepler Field. <i>Astrophysical Journal</i> , 2006 , 651, L61-L64	4.7	172
474	A sub-Mercury-sized exoplanet. <i>Nature</i> , 2013 , 494, 452-4	50.4	171
473	An Earth-sized planet with an Earth-like density. <i>Nature</i> , 2013 , 503, 377-80	50.4	170
472	THE KEPLER CLUSTER STUDY: STELLAR ROTATION IN NGC 6811. <i>Astrophysical Journal Letters</i> , 2011 , 733, L9	7.9	170
471	PHOTOMETRIC VARIABILITY IN KEPLER TARGET STARS. II. AN OVERVIEW OF AMPLITUDE, PERIODICITY, AND ROTATION IN FIRST QUARTER DATA. <i>Astronomical Journal</i> , 2011 , 141, 20	4.9	166
470	PLANETARY CANDIDATES FROM THE FIRST YEAR OF THE K2 MISSION. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 222, 14	8	165
469	KOI-54: THE KEPLER DISCOVERY OF TIDALLY EXCITED PULSATIONS AND BRIGHTENINGS IN A HIGHLY ECCENTRIC BINARY. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 197, 4	8	165

468	HD 147506b: A Supermassive Planet in an Eccentric Orbit Transiting a Bright Star. <i>Astrophysical Journal</i> , 2007 , 670, 826-832	4.7	162
467	Standing on the Shoulders of Dwarfs: the Kepler Asteroseismic LEGACY Sample. II. Radii, Masses, and Ages. <i>Astrophysical Journal</i> , 2017 , 835, 173	4.7	161
466	HARPS-N: the new planet hunter at TNG 2012 ,		158
465	A giant planet undergoing extreme-ultraviolet irradiation by its hot massive-star host. <i>Nature</i> , 2017 , 546, 514-518	50.4	153
464	KEPLER-18b, c, AND d: A SYSTEM OF THREE PLANETS CONFIRMED BY TRANSIT TIMING VARIATIONS, LIGHT CURVE VALIDATION, WARM-SPITZER PHOTOMETRY, AND RADIAL VELOCITY MEASUREMENTS. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 197, 7	8	151
463	Two Earth-sized planets orbiting Kepler-20. <i>Nature</i> , 2011 , 482, 195-8	50.4	150
462	HD 80606 b, a planet on an extremely elongated orbit. <i>Astronomy and Astrophysics</i> , 2001 , 375, L27-L30	5.1	148
461	A FIRST COMPARISON OF KEPLER PLANET CANDIDATES IN SINGLE AND MULTIPLE SYSTEMS. <i>Astrophysical Journal Letters</i> , 2011 , 732, L24	7.9	147
460	THE KEPLER-10 PLANETARY SYSTEM REVISITED BY HARPS-N: A HOT ROCKY WORLD AND A SOLID NEPTUNE-MASS PLANET. <i>Astrophysical Journal</i> , 2014 , 789, 154	4.7	144
459	THE HOT-JUPITER KEPLER-17b: DISCOVERY, OBLIQUITY FROM STROBOSCOPIC STARSPOTS, AND ATMOSPHERIC CHARACTERIZATION. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 197, 14	8	144
458	ASTEROSEISMIC DETERMINATION OF OBLIQUITIES OF THE EXOPLANET SYSTEMS KEPLER-50 AND KEPLER-65. <i>Astrophysical Journal</i> , 2013 , 766, 101	4.7	141
457	Standing on the Shoulders of Dwarfs: the Kepler Asteroseismic LEGACY Sample. I. Oscillation Mode Parameters. <i>Astrophysical Journal</i> , 2017 , 835, 172	4.7	140
456	PLANETARY CANDIDATES OBSERVED BY KEPLER . V. PLANET SAMPLE FROM Q1 Q12 (36 MONTHS). <i>Astrophysical Journal, Supplement Series</i> , 2015 , 217, 16	8	140
455	WHITE-LIGHT FLARES ON COOL STARS IN THE KEPLER QUARTER 1 DATA. <i>Astronomical Journal</i> , 2011 , 141, 50	4.9	136
454	Transit timing observations from Kepler III. Confirmation of four multiple planet systems by a Fourier-domain study of anticorrelated transit timing variations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 421, 2342-2354	4.3	132
453	ABSOLUTE PROPERTIES OF THE LOW-MASS ECLIPSING BINARY CM DRACONIS. <i>Astrophysical Journal</i> , 2009 , 691, 1400-1411	4.7	132
452	Asteroseismology and Gaia: Testing Scaling Relations Using 2200 Kepler Stars with TGAS Parallaxes. <i>Astrophysical Journal</i> , 2017 , 844, 102	4.7	130
451	DISCOVERY AND VALIDATION OF Kepler-452b: A 1.6 R _E SUPER EARTH EXOPLANET IN THE HABITABLE ZONE OF A G2 STAR. <i>Astronomical Journal</i> , 2015 , 150, 56	4.9	129

450	TESS DISCOVERY OF A TRANSITING SUPER-EARTH IN THE MENSAE SYSTEM. <i>Astrophysical Journal Letters</i> , 2018 , 868,	7.9	125
449	PHOTOMETRIC VARIABILITY IN KEPLER TARGET STARS: THE SUN AMONG STARS A FIRST LOOK. <i>Astrophysical Journal Letters</i> , 2010 , 713, L155-L159	7.9	124
448	STELLAR AND PLANETARY PROPERTIES OF K2 CAMPAIGN 1 CANDIDATES AND VALIDATION OF 17 PLANETS, INCLUDING A PLANET RECEIVING EARTH-LIKE INSOLATION. <i>Astrophysical Journal</i> , 2015 , 809, 25	4.7	121
447	HAT-P-32b AND HAT-P-33b: TWO HIGHLY INFLATED HOT JUPITERS TRANSITING HIGH-JITTER STARS. <i>Astrophysical Journal</i> , 2011 , 742, 59	4.7	121
446	TRANSITS AND OCCULTATIONS OF AN EARTH-SIZED PLANET IN AN 8.5 hr ORBIT. <i>Astrophysical Journal</i> , 2013 , 774, 54	4.7	120
445	TWO BEES IN THE BEEHIVE: THE DISCOVERY OF THE FIRST HOT JUPITERS IN AN OPEN CLUSTER. <i>Astrophysical Journal Letters</i> , 2012 , 756, L33	7.9	116
444	KEPLER-21b: A 1.6 Earth PLANET TRANSITING THE BRIGHT OSCILLATING F SUBGIANT STAR HD 179070. <i>Astrophysical Journal</i> , 2012 , 746, 123	4.7	115
443	PRE-SPECTROSCOPIC FALSE-POSITIVE ELIMINATION OF KEPLER PLANET CANDIDATES. <i>Astrophysical Journal Letters</i> , 2010 , 713, L103-L108	7.9	112
442	HAT-P-3b: A Heavy-Element-rich Planet Transiting a K Dwarf Star. <i>Astrophysical Journal</i> , 2007 , 666, L121-L124	4.7	112
441	KEPLER-20: A SUN-LIKE STAR WITH THREE SUB-NEPTUNE EXOPLANETS AND TWO EARTH-SIZE CANDIDATES. <i>Astrophysical Journal</i> , 2012 , 749, 15	4.7	111
440	TrES-4: A Transiting Hot Jupiter of Very Low Density. <i>Astrophysical Journal</i> , 2007 , 667, L195-L198	4.7	110
439	275 Candidates and 149 Validated Planets Orbiting Bright Stars in K2 Campaigns 0-10. <i>Astronomical Journal</i> , 2018 , 155, 136	4.9	108
438	HAT-P-13b,c: A TRANSITING HOT JUPITER WITH A MASSIVE OUTER COMPANION ON AN ECCENTRIC ORBIT. <i>Astrophysical Journal</i> , 2009 , 707, 446-456	4.7	108
437	THE METALLICITIES OF STARS WITH AND WITHOUT TRANSITING PLANETS. <i>Astrophysical Journal</i> , 2015 , 808, 187	4.7	106
436	The Low-Mass Double-lined Eclipsing Binary CM Draconis: A Test of the Primordial Helium Abundance and the Mass-Radius Relation near the Bottom of the Main Sequence. <i>Astrophysical Journal</i> , 1996 , 456, 356	4.7	106
435	LSPM J1112+7626: DETECTION OF A 41 DAY M-DWARF ECLIPSING BINARY FROM THE MEARTH TRANSIT SURVEY. <i>Astrophysical Journal</i> , 2011 , 742, 123	4.7	103
434	A noninteracting low-mass black hole-giant star binary system. <i>Science</i> , 2019 , 366, 637-640	33.3	102
433	KEPLER-63b: A GIANT PLANET IN A POLAR ORBIT AROUND A YOUNG SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2013 , 775, 54	4.7	101

432	TrES-3: A Nearby, Massive, Transiting Hot Jupiter in a 31 Hour Orbit. <i>Astrophysical Journal</i> , 2007 , 663, L37-L40	4.7	99
431	HAT-P-20b/HAT-P-23b: FOUR MASSIVE TRANSITING EXTRASOLAR PLANETS. <i>Astrophysical Journal</i> , 2011 , 742, 116	4.7	97
430	HAT-P-12b: A LOW-DENSITY SUB-SATURN MASS PLANET TRANSITING A METAL-POOR K DWARF. <i>Astrophysical Journal</i> , 2009 , 706, 785-796	4.7	96
429	The same frequency of planets inside and outside open clusters of stars. <i>Nature</i> , 2013 , 499, 55-8	50.4	95
428	KEPLER-10 c: A 2.2 EARTH RADIUS TRANSITING PLANET IN A MULTIPLE SYSTEM. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 197, 5	8	95
427	A Survey of Proper-Motion Stars. XIV. Spectroscopic Binaries among Metal-poor Field Blue Stragglers. <i>Astronomical Journal</i> , 2001 , 122, 3419-3435	4.9	95
426	A NEW SPECTROSCOPIC AND PHOTOMETRIC ANALYSIS OF THE TRANSITING PLANET SYSTEMS TrES-3 AND TrES-4. <i>Astrophysical Journal</i> , 2009 , 691, 1145-1158	4.7	94
425	THE ASTEROSEISMIC POTENTIAL OF TESS: EXOPLANET-HOST STARS. <i>Astrophysical Journal</i> , 2016 , 830, 138	4.7	93
424	HAT-P-26b: A LOW-DENSITY NEPTUNE-MASS PLANET TRANSITING A K STAR. <i>Astrophysical Journal</i> , 2011 , 728, 138	4.7	92
423	CHARACTERIZING K2 PLANET DISCOVERIES: A SUPER-EARTH TRANSITING THE BRIGHT K DWARF HIP 116454. <i>Astrophysical Journal</i> , 2015 , 800, 59	4.7	89
422	HD 285507b: AN ECCENTRIC HOT JUPITER IN THE HYADES OPEN CLUSTER. <i>Astrophysical Journal</i> , 2014 , 787, 27	4.7	89
421	DISCOVERY AND ROSSITER-McLAUGHLIN EFFECT OF EXOPLANET KEPLER-8b. <i>Astrophysical Journal</i> , 2010 , 724, 1108-1119	4.7	89
420	Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs. <i>Astronomical Journal</i> , 2020 , 159, 60	4.9	88
419	HAT-P-39b/HAT-P-41b: THREE HIGHLY INFLATED TRANSITING HOT JUPITERS. <i>Astronomical Journal</i> , 2012 , 144, 139	4.9	87
418	TRANSIT TIMING OBSERVATIONS FROM KEPLER. II. CONFIRMATION OF TWO MULTIPLANET SYSTEMS VIA A NON-PARAMETRIC CORRELATION ANALYSIS. <i>Astrophysical Journal</i> , 2012 , 750, 113	4.7	87
417	STELLAR RADIAL VELOCITIES IN THE OLD OPEN CLUSTER M67 (NGC 2682). I. MEMBERSHIPS, BINARIES, AND KINEMATICS. <i>Astronomical Journal</i> , 2015 , 150, 97	4.9	85
416	TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. <i>Astrophysical Journal Letters</i> , 2019 , 871, L24	7.9	83
415	The Transit Light Curve Project. VII. The Not-So-Bloated Exoplanet HAT-P-1b. <i>Astronomical Journal</i> , 2007 , 134, 1707-1712	4.9	83

414	FIVEKEPLERTARGET STARS THAT SHOW MULTIPLE TRANSITING EXOPLANET CANDIDATES. <i>Astrophysical Journal</i> , 2010 , 725, 1226-1241	4.7	82
413	HARPS-N OBSERVES THE SUN AS A STAR. <i>Astrophysical Journal Letters</i> , 2015 , 814, L21	7.9	80
412	The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2013 , 554, A28	5.1	80
411	KEPLER-1647B: THE LARGEST AND LONGEST-PERIODKEPLERTRANSITING CIRCUMBINARY PLANET. <i>Astrophysical Journal</i> , 2016 , 827, 86	4.7	79
410	DISCOVERY OF THE TRANSITING PLANET KEPLER-5b. <i>Astrophysical Journal Letters</i> , 2010 , 713, L131-L135	5.9	78
409	Refined stellar, orbital and planetary parameters of the eccentric HAT-P-2 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 401, 2665-2674	4.3	77
408	Orbits of 22 spectroscopic binaries in the open cluster M67. <i>Astronomical Journal</i> , 1990 , 100, 1859	4.9	76
407	DISCOVERY AND ATMOSPHERIC CHARACTERIZATION OF GIANT PLANET KEPLER-12b: AN INFLATED RADIUS OUTLIER. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 197, 9	8	75
406	Precise radial velocities of late-type stars in the open clusters M11 and M67. <i>Astronomical Journal</i> , 1986 , 92, 1100	4.9	75
405	GJ 3236: A NEW BRIGHT, VERY LOW MASS ECLIPSING BINARY SYSTEM DISCOVERED BY THE MEARTH OBSERVATORY. <i>Astrophysical Journal</i> , 2009 , 701, 1436-1449	4.7	74
404	The Transit Light Curve (TLC) Project. VI. Three Transits of the Exoplanet TrES-2. <i>Astrophysical Journal</i> , 2007 , 664, 1185-1189	4.7	74
403	Absence of a thick atmosphere on the terrestrial exoplanet LHS844b. <i>Nature</i> , 2019 , 573, 87-90	50.4	73
402	HAT-P-5b: A Jupiter-like Hot Jupiter Transiting a Bright Star. <i>Astrophysical Journal</i> , 2007 , 671, L173-L176	4.7	73
401	Three 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	4.9	72
400	WIYN OPEN CLUSTER STUDY. XXIV. STELLAR RADIAL-VELOCITY MEASUREMENTS IN NGC 6819. <i>Astronomical Journal</i> , 2009 , 138, 159-168	4.9	72
399	The spatial distribution of spectroscopic binaries and blue stragglers in the open cluster M67. <i>Astronomical Journal</i> , 1986 , 92, 1364	4.9	72
398	KEPLER OBSERVATIONS OF TRANSITING HOT COMPACT OBJECTS. <i>Astrophysical Journal Letters</i> , 2010 , 713, L150-L154	7.9	71
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