

# Keivan G Stassun

## List of Publications by Citations

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470  
papers

23,787  
citations

66  
h-index

139  
g-index

501  
ext. papers

28,423  
ext. citations

5.9  
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6.74  
L-index

#	Paper	IF	Citations
470	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , <b>2015</b> , 219, 12	8	1504
469	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , <b>2011</b> , 142, 72	4.9	1438
468	Transiting Exoplanet Survey Satellite. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , <b>2014</b> , 1, 014003	1.1	1371
467	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. <i>Astrophysical Journal, Supplement Series</i> , <b>2012</b> , 203, 21	8	1029
466	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. <i>Astrophysical Journal, Supplement Series</i> , <b>2014</b> , 211, 17	8	760
465	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , <b>2017</b> , 154, 28	4.9	733
464	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 235, 42	8	657
463	Transiting Exoplanet Survey Satellite (TESS) <b>2014</b> ,		413
462	The Origin of T Tauri X-Ray Emission: New Insights from the Chandra Orion Ultradeep Project. <i>Astrophysical Journal, Supplement Series</i> , <b>2005</b> , 160, 401-422	8	375
461	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. <i>Astrophysical Journal, Supplement Series</i> , <b>2017</b> , 233, 25	8	284
460	The TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , <b>2018</b> , 156, 102	4.9	279
459	The Revised TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , <b>2019</b> , 158, 138	4.9	272
458	ASTROIMAGEJ: IMAGE PROCESSING AND PHOTOMETRIC EXTRACTION FOR ULTRA-PRECISE ASTRONOMICAL LIGHT CURVES. <i>Astronomical Journal</i> , <b>2017</b> , 153, 77	4.9	251
457	The Rotation Period Distribution of Pre-Main-Sequence Stars in and around the Orion Nebula. <i>Astronomical Journal</i> , <b>1999</b> , 117, 2941-2979	4.9	234
456	KEPLERECLIPSING BINARY STARS. VII. THE CATALOG OF ECLIPSING BINARIES FOUND IN THE ENTIRE KEPLER DATA SET. <i>Astronomical Journal</i> , <b>2016</b> , 151, 68	4.9	230
455	Evidence for a Systematic Offset of $B_0$ Bands in the Gaia DR2 Parallaxes. <i>Astrophysical Journal</i> , <b>2018</b> , 862, 61	4.7	228
454	Discovery of two young brown dwarfs in an eclipsing binary system. <i>Nature</i> , <b>2006</b> , 440, 311-4	50.4	222

453	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , <b>2019</b> , 240, 23	8	214
452	Bright X-Ray Flares in Orion Young Stars from COUP: Evidence for Star-Disk Magnetic Fields?. <i>Astrophysical Journal, Supplement Series</i> , <b>2005</b> , 160, 469-502	8	209
451	Accurate Empirical Radii and Masses of Planets and Their Host Stars with Gaia Parallaxes. <i>Astronomical Journal</i> , <b>2017</b> , 153, 136	4.9	203
450	KELT-1b: A STRONGLY IRRADIATED, HIGHLY INFLATED, SHORT PERIOD, 27 JUPITER-MASS COMPANION TRANSITING A MID-F STAR. <i>Astrophysical Journal</i> , <b>2012</b> , 761, 123	4.7	200
449	CHARACTERIZING THE COOL KOIS. III. KOI 961: A SMALL STAR WITH LARGE PROPER MOTION AND THREE SMALL PLANETS. <i>Astrophysical Journal</i> , <b>2012</b> , 747, 144	4.7	183
448	STELLAR ROTATION IN M35: MASS-PERIOD RELATIONS, SPIN-DOWN RATES, AND GYROCHRONOLOGY. <i>Astrophysical Journal</i> , <b>2009</b> , 695, 679-694	4.7	165
447	The APOGEE-2 Survey of the Orion Star-forming Complex. II. Six-dimensional Structure. <i>Astronomical Journal</i> , <b>2018</b> , 156, 84	4.9	156
446	THE APOGEE RED-CLUMP CATALOG: PRECISE DISTANCES, VELOCITIES, AND HIGH-RESOLUTION ELEMENTAL ABUNDANCES OVER A LARGE AREA OF THE MILKY WAY'S DISK. <i>Astrophysical Journal</i> , <b>2014</b> , 790, 127	4.7	155
445	A giant planet undergoing extreme-ultraviolet irradiation by its hot massive-star host. <i>Nature</i> , <b>2017</b> , 546, 514-518	50.4	153
444	The Classical T Tauri Spectroscopic Binary DQ Tau.I.Orbital Elements and Light Curves. <i>Astronomical Journal</i> , <b>1997</b> , 113, 1841	4.9	142
443	A Framework for Prioritizing the TESS Planetary Candidates Most Amenable to Atmospheric Characterization. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2018</b> , 130, 114401	5	141
442	Chemodynamics of the Milky Way. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 564, A115	5.1	140
441	Asteroseismology and Gaia: Testing Scaling Relations Using 2200 Kepler Stars with TGAS Parallaxes. <i>Astrophysical Journal</i> , <b>2017</b> , 844, 102	4.7	130
440	The KELT-South Telescope 1. <i>Publications of the Astronomical Society of the Pacific</i> , <b>2012</b> , 124, 230-241	5	127
439	THE K2-ESPRINT PROJECT. I. DISCOVERY OF THE DISINTEGRATING ROCKY PLANET K2-22b WITH A COMETARY HEAD AND LEADING TAIL. <i>Astrophysical Journal</i> , <b>2015</b> , 812, 112	4.7	126
438	TESS DISCOVERY OF A TRANSITING SUPER-EARTH IN THE MENSAE SYSTEM. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 868,	7.9	125
437	ROTATION IN THE PLEIADES WITH K2. I. DATA AND FIRST RESULTS. <i>Astronomical Journal</i> , <b>2016</b> , 152, 113	4.9	119
436	A MULTI-COLOR OPTICAL SURVEY OF THE ORION NEBULA CLUSTER. II. THE H-R DIAGRAM. <i>Astrophysical Journal</i> , <b>2010</b> , 722, 1092-1114	4.7	117

435	CHEMICAL CARTOGRAPHY WITH APOGEE: LARGE-SCALE MEAN METALLICITY MAPS OF THE MILKY WAY DISK. <i>Astronomical Journal</i> , <b>2014</b> , 147, 116	4.9	115
434	KEPLERECLIPSING BINARY STARS. IV. PRECISE ECLIPSE TIMES FOR CLOSE BINARIES AND IDENTIFICATION OF CANDIDATE THREE-BODY SYSTEMS. <i>Astronomical Journal</i> , <b>2014</b> , 147, 45	4.9	114
433	The Second APOKASC Catalog: The Empirical Approach. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 239, 32	8	112
432	THE COLOR-PERIOD DIAGRAM AND STELLAR ROTATIONAL EVOLUTION: NEW ROTATION PERIOD MEASUREMENTS IN THE OPEN CLUSTER M34. <i>Astrophysical Journal</i> , <b>2011</b> , 733, 115	4.7	111
431	Global Climate and Atmospheric Composition of the Ultra-hot Jupiter WASP-103b from HST and Spitzer Phase Curve Observations. <i>Astronomical Journal</i> , <b>2018</b> , 156, 17	4.9	110
430	An observational correlation between stellar brightness variations and surface gravity. <i>Nature</i> , <b>2013</b> , 500, 427-30	50.4	106
429	Young $[Fe]$ -enhanced stars discovered by CoRoT and APOGEE: What is their origin?. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, L12	5.1	106
428	SLOAN LOW-MASS WIDE PAIRS OF KINEMATICALLY EQUIVALENT STARS (SLOWPOKES): A CATALOG OF VERY WIDE, LOW-MASS PAIRS. <i>Astronomical Journal</i> , <b>2010</b> , 139, 2566-2586	4.9	104
427	AN INTRODUCTION TO THE CHANDRA CARINA COMPLEX PROJECT. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 194, 1	8	104
426	THE INITIAL MASS FUNCTION OF THE ORION NEBULA CLUSTER ACROSS THE H-BURNING LIMIT. <i>Astrophysical Journal</i> , <b>2012</b> , 748, 14	4.7	101
425	ECLIPSING BINARY STARS AS BENCHMARKS FOR TRIGONOMETRIC PARALLAXES IN THE GAIA ERA. <i>Astronomical Journal</i> , <b>2016</b> , 152, 180	4.9	100
424	Empirical Accurate Masses and Radii of Single Stars with TESS and Gaia. <i>Astronomical Journal</i> , <b>2018</b> , 155, 22	4.9	97
423	A PAN-CARINA YOUNG STELLAR OBJECT CATALOG: INTERMEDIATE-MASS YOUNG STELLAR OBJECTS IN THE CARINA NEBULA IDENTIFIED VIA MID-INFRARED EXCESS EMISSION. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 194, 14	8	95
422	StarHorse: a Bayesian tool for determining stellar masses, ages, distances, and extinctions for field stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 2556-2583	4.3	94
421	THE ASTEROSEISMIC POTENTIAL OF TESS: EXOPLANET-HOST STARS. <i>Astrophysical Journal</i> , <b>2016</b> , 830, 138	4.7	93
420	Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs. <i>Astronomical Journal</i> , <b>2020</b> , 159, 60	4.9	88
419	A Surprising Reversal of Temperatures in the Brown Dwarf Eclipsing Binary 2MASS J05352184-0546085. <i>Astrophysical Journal</i> , <b>2007</b> , 664, 1154-1166	4.7	87
418	The First APOKASC Catalog of Kepler Dwarf and Subgiant Stars. <i>Astrophysical Journal, Supplement Series</i> , <b>2017</b> , 233, 23	8	84

4 <sup>17</sup>	TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 871, L24	7.9	83
4 <sup>16</sup>	AN EMPIRICAL CORRECTION FOR ACTIVITY EFFECTS ON THE TEMPERATURES, RADII, AND ESTIMATED MASSES OF LOW-MASS STARS AND BROWN DWARFS. <i>Astrophysical Journal</i> , <b>2012</b> , 756, 47	4.7	80
4 <sup>15</sup>	Dynamical Mass Constraints on Low-Mass Pre-Main-Sequence Stellar Evolutionary Tracks: An Eclipsing Binary in Orion with a 1.0 M $\odot$ Primary and a 0.7 M $\odot$ Secondary. <i>Astrophysical Journal, Supplement Series</i> , <b>2004</b> , 151, 357-385	8	78
4 <sup>14</sup>	Absence of a thick atmosphere on the terrestrial exoplanet LHS 844b. <i>Nature</i> , <b>2019</b> , 573, 87-90	50.4	73
4 <sup>13</sup>	Solar Flares and Coronal Mass Ejections: A Statistically Determined Flare Flux $\propto$ CME Mass Correlation. <i>Solar Physics</i> , <b>2011</b> , 268, 195-212	2.6	71
4 <sup>12</sup>	Galactic archaeology with asteroseismology and spectroscopy: Red giants observed by CoRoT and APOGEE. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 597, A30	5.1	70
4 <sup>11</sup>	IN-SYNC. II. VIRIAL STARS FROM SUBVIRIAL CORES: THE VELOCITY DISPERSION OF EMBEDDED PRE-MAIN-SEQUENCE STARS IN NGC 1333. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 136	4.7	70
4 <sup>10</sup>	TESTING THE ASTEROSEISMIC MASS SCALE USING METAL-POOR STARS CHARACTERIZED WITH APOGEE AND KEPLER. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 785, L28	7.9	70
4 <sup>09</sup>	MASS LOSS IN PRE-MAIN-SEQUENCE STARS VIA CORONAL MASS EJECTIONS AND IMPLICATIONS FOR ANGULAR MOMENTUM LOSS. <i>Astrophysical Journal</i> , <b>2012</b> , 760, 9	4.7	70
4 <sup>08</sup>	X-RAY STAR CLUSTERS IN THE CARINA COMPLEX. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 194, 9	8	69
4 <sup>07</sup>	TRANSIT TIMING VARIATION MEASUREMENTS OF WASP-12b AND QATAR-1b: NO EVIDENCE OF ADDITIONAL PLANETS. <i>Astronomical Journal</i> , <b>2017</b> , 153, 78	4.9	67
4 <sup>06</sup>	Empirical tests of pre-main-sequence stellar evolution models with eclipsing binaries. <i>New Astronomy Reviews</i> , <b>2014</b> , 60-61, 1-28	7.9	66
4 <sup>05</sup>	KELT-7b: A HOT JUPITER TRANSITING A BRIGHT $V=8.54$ RAPIDLY ROTATING F-STAR. <i>Astronomical Journal</i> , <b>2015</b> , 150, 12	4.9	65
4 <sup>04</sup>	Periodic Accretion from a Circumbinary Disk in the Young Binary UZ Tau E. <i>Astronomical Journal</i> , <b>2007</b> , 134, 241-251	4.9	65
4 <sup>03</sup>	IN-SYNC. IV. THE YOUNG STELLAR POPULATION IN THE ORION A MOLECULAR CLOUD. <i>Astrophysical Journal</i> , <b>2016</b> , 818, 59	4.7	65
4 <sup>02</sup>	Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 147	4.7	64
4 <sup>01</sup>	The EBLM project. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 549, A18	5.1	63
4 <sup>00</sup>	X-Ray Properties of Pre-Main-Sequence Stars in the Orion Nebula Cluster with Known Rotation Periods. <i>Astronomical Journal</i> , <b>2004</b> , 127, 3537-3552	4.9	63

399	KELT-17B: A HOT-JUPITER TRANSITING AN A-STAR IN A MISALIGNED ORBIT DETECTED WITH DOPPLER TOMOGRAPHY. <i>Astronomical Journal</i> , <b>2016</b> , 152, 136	4.9	63
398	The Correlation between Mixing Length and Metallicity on the Giant Branch: Implications for Ages in the Gaia Era. <i>Astrophysical Journal</i> , <b>2017</b> , 840, 17	4.7	61
397	An Observational Study of Tidal Synchronization in Solar-Type Binary Stars in the Open Clusters M35 and M34. <i>Astrophysical Journal</i> , <b>2006</b> , 653, 621-635	4.7	61
396	COMPANIONS TO APOGEE STARS. I. A MILKY WAY-SPANNING CATALOG OF STELLAR AND SUBSTELLAR COMPANION CANDIDATES AND THEIR DIVERSE HOSTS. <i>Astronomical Journal</i> , <b>2016</b> , 151, 85	4.9	59
395	A DISK-BASED DYNAMICAL MASS ESTIMATE FOR THE YOUNG BINARY AK SCO. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 154	4.7	58
394	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , <b>2020</b> , 582, 497-500	5.0	58
393	KELT-20b: A Giant Planet with a Period of $P \sim 3.5$ days Transiting the $V \sim 7.6$ Early A Star HD 185603. <i>Astronomical Journal</i> , <b>2017</b> , 154, 194	4.9	58
392	HUBBLE SPACE TELESCOPE MEASURES OF MASS ACCRETION RATES IN THE ORION NEBULA CLUSTER. <i>Astrophysical Journal</i> , <b>2012</b> , 755, 154	4.7	58
391	ROTATION IN THE PLEIADES WITH K2. III. SPECULATIONS ON ORIGINS AND EVOLUTION. <i>Astronomical Journal</i> , <b>2016</b> , 152, 115	4.9	58
390	SODIUM AND OXYGEN ABUNDANCES IN THE OPEN CLUSTER NGC 6791 FROM APOGEE H-BAND SPECTROSCOPY. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 798, L41	7.9	57
389	EVIDENCE FOR A SYSTEMATIC OFFSET OF $0.25$ mas IN THE GAIA DR1 PARALLAXES. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 831, L6	7.9	56
388	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. <i>Astronomical Journal</i> , <b>2019</b> , 158, 32	4.9	56
387	HD 202772A b: A Transiting Hot Jupiter around a Bright, Mildly Evolved Star in a Visual Binary Discovered by TESS. <i>Astronomical Journal</i> , <b>2019</b> , 157, 51	4.9	56
386	A giant planet candidate transiting a white dwarf. <i>Nature</i> , <b>2020</b> , 585, 363-367	5.0	55
385	Parallax Systematics and Photocenter Motions of Benchmark Eclipsing Binaries in Gaia EDR3. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 907, L33	7.9	55
384	IN-SYNC I: HOMOGENEOUS STELLAR PARAMETERS FROM HIGH-RESOLUTION APOGEE SPECTRA FOR THOUSANDS OF PRE-MAIN SEQUENCE STARS. <i>Astrophysical Journal</i> , <b>2014</b> , 794, 125	4.7	54
383	DETAILED ABUNDANCES OF PLANET-HOSTING WIDE BINARIES. I. DID PLANET FORMATION IMPRINT CHEMICAL SIGNATURES IN THE ATMOSPHERES OF HD 20782/81?. <i>Astrophysical Journal</i> , <b>2014</b> , 787, 98	4.7	54
382	A Low-mass Exoplanet Candidate Detected by K2 Transiting the Praesepe M Dwarf JS 183. <i>Astronomical Journal</i> , <b>2017</b> , 153, 177	4.9	53

381	NEW PLEIADES ECLIPSING BINARIES AND A HYADES TRANSITING SYSTEM IDENTIFIED BYK2. <i>Astronomical Journal</i> , <b>2016</b> , 151, 112	4.9	53
380	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered byTESS. <i>Astronomical Journal</i> , <b>2019</b> , 157, 245	4.9	51
379	TESS Full Orbital Phase Curve of the WASP-18b System. <i>Astronomical Journal</i> , <b>2019</b> , 157, 178	4.9	51
378	TESS Delivers Its First Earth-sized Planet and a Warm Sub-Neptune. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 875, L7	7.9	50
377	NEAR-INFRARED EMISSION SPECTRUM OF WASP-103B USINGHUBBLE SPACE TELESCOPE/WIDE FIELD CAMERA 3. <i>Astronomical Journal</i> , <b>2017</b> , 153, 34	4.9	50
376	RADIAL VELOCITY VARIATIONS OF PHOTOMETRICALLY QUIET, CHROMOSPHERICALLY INACTIVEKEPLERSTARS: A LINK BETWEEN RV JITTER AND PHOTOMETRIC FLICKER. <i>Astronomical Journal</i> , <b>2014</b> , 147, 29	4.9	50
375	KELT-3b: A HOT JUPITER TRANSITING AV= 9.8 LATE-F STAR. <i>Astrophysical Journal</i> , <b>2013</b> , 773, 64	4.7	50
374	Sub-Subgiants in the Old Open Cluster M67?. <i>Astronomical Journal</i> , <b>2003</b> , 125, 246-259	4.9	50
373	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 254, 39	8	50
372	KELT-11b: A Highly Inflated Sub-Saturn Exoplanet Transiting theV= 8 Subgiant HD 93396. <i>Astronomical Journal</i> , <b>2017</b> , 153, 215	4.9	49
371	CONSTRAINTS ON THE ORIGIN OF THE FIRST LIGHT FROM SN 2014J. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 106	4.7	49
370	Variability Properties of Four Million Sources in the TESS Input Catalog Observed with the Kilodegree Extremely Little Telescope Survey. <i>Astronomical Journal</i> , <b>2018</b> , 155, 39	4.9	49
369	TESS Spots a Compact System of Super-Earths around the Naked-eye Star HR 858. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 881, L19	7.9	49
368	SPITZERANDz? SECONDARY ECLIPSE OBSERVATIONS OF THE HIGHLY IRRADIATED TRANSITING BROWN DWARF KELT-1b. <i>Astrophysical Journal</i> , <b>2014</b> , 783, 112	4.7	49
367	KELT-2Ab: A HOT JUPITER TRANSITING THE BRIGHT ( V = 8.77) PRIMARY STAR OF A BINARY SYSTEM. <i>Astrophysical Journal Letters</i> , <b>2012</b> , 756, L39	7.9	49
366	A MULTI-COLOR OPTICAL SURVEY OF THE ORION NEBULA CLUSTER. I. THE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2009</b> , 183, 261-277	8	49
365	ROTATION IN THE PLEIADES WITHK2. II. MULTIPERIOD STARS. <i>Astronomical Journal</i> , <b>2016</b> , 152, 114	4.9	49
364	Chemical Abundances of M-Dwarfs from the Apogee Survey. I. The Exoplanet Hosting Stars Kepler-138 and Kepler-186. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 239	4.7	48

363	KELT-16b: A Highly Irradiated, Ultra-short Period Hot Jupiter Nearing Tidal Disruption. <i>Astronomical Journal</i> , <b>2017</b> , 153, 97	4.9	48
362	KELT-6b: AP~ 7.9 DAY HOT SATURN TRANSITING A METAL-POOR STAR WITH A LONG-PERIOD COMPANION. <i>Astronomical Journal</i> , <b>2014</b> , 147, 39	4.9	47
361	A Simultaneous Optical and X-Ray Variability Study of the Orion Nebula Cluster. I. Incidence of Time-correlated X-Ray/Optical Variations. <i>Astrophysical Journal</i> , <b>2006</b> , 649, 914-926	4.7	47
360	Gaia17biu/SN 2017egm in NGC 3191: The Closest Hydrogen-poor Superluminous Supernova to Date Is in a Normal, Massive, Metal-rich Spiral Galaxy. <i>Astrophysical Journal</i> , <b>2018</b> , 853, 57	4.7	46
359	The Transiting Exoplanet Survey Satellite <b>2016</b> ,		46
358	WASP-167b/KELT-13b: joint discovery of a hot Jupiter transiting a rapidly rotating F1V star. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 2743-2752	4.3	46
357	THE HIGH-ORDER MULTIPLICITY OF UNUSUALLY WIDE M DWARF BINARIES: ELEVEN NEW TRIPLE AND QUADRUPLE SYSTEMS. <i>Astrophysical Journal</i> , <b>2010</b> , 720, 1727-1737	4.7	46
356	Surprising dissimilarities in a newly formed pair of 'identical twin' stars. <i>Nature</i> , <b>2008</b> , 453, 1079-82	50.4	46
355	KELT-19Ab: AP~ 4.6-day Hot Jupiter Transiting a Likely Am Star with a Distant Stellar Companion. <i>Astronomical Journal</i> , <b>2018</b> , 155, 35	4.9	46
354	Elemental Abundances of Kepler Objects of Interest in APOGEE. I. Two Distinct Orbital Period Regimes Inferred from Host Star Iron Abundances. <i>Astronomical Journal</i> , <b>2018</b> , 155, 68	4.9	45
353	LARGER PLANET RADII INFERRED FROM STELLAR FLICKER BRIGHTNESS VARIATIONS OF BRIGHT PLANET-HOST STARS. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 788, L9	7.9	45
352	TIME-SERIES PHOTOMETRY OF STARS IN AND AROUND THE LAGOON NEBULA. I. ROTATION PERIODS OF 290 LOW-MASS PRE-MAIN-SEQUENCE STARS IN NGC 6530. <i>Astrophysical Journal</i> , <b>2012</b> , 747, 51	4.7	45
351	Opening the Treasure Chest: A Newborn Star Cluster Emerges from Its Dust Pillar in Carina. <i>Astronomical Journal</i> , <b>2005</b> , 129, 888-899	4.9	45
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