Suvrath Mahadevan

List of Publications by Year
in descending order

165 papers	16,546 citations	81743 39 h-index	16127 124 g-index
165 all docs	165 docs citations	165 times ranked	11198 citing authors

#	Article	IF	Citations
1	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	3.0	1,877
2	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	1.9	1,700
3	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2011, 193, 29.	3.0	1,166
4	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 21.	3.0	1,158
5	HABITABLE ZONES AROUND MAIN-SEQUENCE STARS: NEW ESTIMATES. Astrophysical Journal, 2013, 765, 131.	1.6	1,142
6	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	1.9	1,100
7	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). Astronomical Journal, 2017, 154, 94.	1.9	1,065
8	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astrophysical Journal, Supplement Series, 2014, 211, 17.	3.0	820
9	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. Astrophysical Journal, Supplement Series, 2018, 235, 42.	3.0	796
10	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. Astrophysical Journal, Supplement Series, 2017, 233, 25.	3.0	406
11	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. Astrophysical Journal, Supplement Series, 2022, 259, 35.	3.0	405
12	State of the Field: Extreme Precision Radial Velocities. Publications of the Astronomical Society of the Pacific, 2016, 128, 066001.	1.0	253
13	Stellar activity masquerading as planets in the habitable zone of the M dwarf Gliese 581. Science, 2014, 345, 440-444.	6.0	219
14	THE INNER EDGE OF THE HABITABLE ZONE FOR SYNCHRONOUSLY ROTATING PLANETS AROUND LOW-MASS STARS USING GENERAL CIRCULATION MODELS. Astrophysical Journal, 2016, 819, 84.	1.6	168
15	Demonstration of on-sky calibration of astronomical spectra using a 25 GHz near-IR laser frequency comb. Optics Express, 2012, 20, 6631.	1.7	154
16	TESTING THE ASTEROSEISMIC SCALING RELATIONS FOR RED GIANTS WITH ECLIPSING BINARIES OBSERVED BY KEPLER. Astrophysical Journal, 2016, 832, 121.	1.6	131
17	The habitable-zone planet finder: a stabilized fiber-fed NIR spectrograph for the Hobby-Eberly Telescope. Proceedings of SPIE, 2012, , .	0.8	121
18	The First Extrasolar Planet Discovered with a Newâ€Generation Highâ€Throughput Doppler Instrument. Astrophysical Journal, 2006, 648, 683-695.	1.6	97

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19	THE PTF ORION PROJECT: A POSSIBLE PLANET TRANSITING A T-TAURI STAR. Astrophysical Journal, 2012, 755, 42.	1.6	97
20	Toward Space-like Photometric Precision from the Ground with Beam-shaping Diffusers. Astrophysical Journal, 2017, 848, 9.	1.6	91
21	STELLAR ACTIVITY MIMICS A HABITABLE-ZONE PLANET AROUND KAPTEYNâ€™S STAR. Astrophysical Journal Letters, 2015, 805, L22.	3.0	88
22	AN H -BAND SPECTROSCOPIC METALLICITY CALIBRATION FOR M DWARFS. Astrophysical Journal Letters, 2012, 747, L38.	3.0	87
23	Stellar spectroscopy in the near-infrared with a laser frequency comb. Optica, 2019, 6, 233.	4.8	86
24	The Habitable-zone Planet Finder: A status update on the development of a stabilized fiber-fed near-infrared spectrograph for the for the Hobby-Eberly telescope. Proceedings of SPIE, 2014, , .	0.8	83
25	A VERSATILE TECHNIQUE TO ENABLE SUB-MILLI-KELVIN INSTRUMENT STABILITY FOR PRECISE RADIAL VELOCITY MEASUREMENTS: TESTS WITH THE HABITABLE-ZONE PLANET FINDER*. Astrophysical Journal, 2016, 833, 175.	1.6	80
26	Measuring the Recoverability of Close Binaries in Gaia DR2 with the Robo-AO Kepler Survey. Astronomical Journal, 2018, 156, 259.	1.9	79
27	DISENTANGLING PLANETS AND STELLAR ACTIVITY FOR GLIESE 667C. Astrophysical Journal Letters, 2014, 793, L24.	3.0	78
28	THE DISCOVERY OF HD 37605cAND A DISPOSITIVE NULL DETECTION OF TRANSITS OF HD 37605b. Astrophysical Journal, 2012, 761, 46.	1.6	73
29	Tidal Disruption of a Star by a Black Hole: Observational Signature. Astrophysical Journal, 2004, 610, 707-721.	1.6	70
30	THE INFRARED SPECTRUM OF URANIUM HOLLOW CATHODE LAMPS FROM 850 nm to 4000 nm: WAVENUMBERS AND LINE IDENTIFICATIONS FROM FOURIER TRANSFORM SPECTRA. Astrophysical Journal, Supplement Series, 2011, 195, 24.	3.0	69
31	THE SDSS-HET SURVEY OF KEPLER ECLIPSING BINARIES: SPECTROSCOPIC DYNAMICAL MASSES OF THE KEPLER-16 CIRCUMBINARY PLANET HOSTS. Astrophysical Journal Letters, 2012, 751, L31.	3.0	69
32	Refining Exoplanet Ephemerides and Transit Observing Strategies. Publications of the Astronomical Society of the Pacific, 2009, 121, 1386-1394.	1.0	61
33	TOWARD UNDERSTANDING STELLAR RADIAL VELOCITY JITTER AS A FUNCTION OF WAVELENGTH: THE SUN AS A PROXY. Astrophysical Journal, 2015, 798, 63.	1.6	61
34	Evidence for He i 10830 Ã... Absorption during the Transit of a Warm Neptune around the M-dwarf GJ 3470 with the Habitable-zone Planet Finder. Astrophysical Journal, 2020, 894, 97.	1.6	59
35	Elemental Abundances of Kepler Objects of Interest in APOGEE. I. Two Distinct Orbital Period Regimes Inferred from Host Star Iron Abundances. Astronomical Journal, 2018, 155, 68.	1.9	58
36	A comprehensive radial velocity error budget for next generation Doppler spectrometers. Proceedings of SPIE, 2016, , .	0.8	57

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37	Characterizing transiting extrasolar planets with narrow-band photometry and GTC/OSIRIS. Monthly Notices of the Royal Astronomical Society, 2010, 408, 1494-1501.	1.6	56
38	TERMS PHOTOMETRY OF KNOWN TRANSITING EXOPLANETS. Astronomical Journal, 2011, 142, 115.	1.9	56
39	PROXIMA CENTAURI AS A BENCHMARK FOR STELLAR ACTIVITY INDICATORS IN THE NEAR-INFRARED. Astrophysical Journal, 2016, 832, 112.	1.6	56
40	Chemical Abundances of M-Dwarfs from the Apogee Survey. I. The Exoplanet Hosting Stars Kepler-138 and Kepler-186. Astrophysical Journal, 2017, 835, 239.	1.6	56
41	Development of Fiber Fabry-Perot Interferometers as Stable Near-infrared Calibration Sources for High Resolution Spectrographs. Publications of the Astronomical Society of the Pacific, 2014, 126, 445-458.	1.0	55
42	A NEAR-INFRARED SPECTROSCOPIC SURVEY OF 886 NEARBY M DWARFS. Astrophysical Journal, Supplement Series, 2015, 220, 16.	3.0	55
43	Probing potassium in the atmosphere of HD 80606b with tunable filter transit spectrophotometry from the Gran Telescopio Canarias. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2233-2250.	1.6	53
44	THE USE OF ABSORPTION CELLS AS A WAVELENGTH REFERENCE FOR PRECISION RADIAL VELOCITY MEASUREMENTS IN THE NEAR-INFRARED. Astrophysical Journal, 2009, 692, 1590-1596.	1.6	52
45	SUPPRESSION OF FIBER MODAL NOISE INDUCED RADIAL VELOCITY ERRORS FOR BRIGHT EMISSION-LINE CALIBRATION SOURCES. Astrophysical Journal, 2014, 786, 18.	1.6	52
46	MARVELS-1: A FACE-ON DOUBLE-LINED BINARY STAR MASQUERADING AS A RESONANT PLANETARY SYSTEM AND CONSIDERATION OF RARE FALSE POSITIVES IN RADIAL VELOCITY PLANET SEARCHES. Astrophysical Journal, 2013, 770, 119.	1.6	46
47	A HIGH-RESOLUTION ATLAS OF URANIUM-NEON IN THE H BAND. Astrophysical Journal, Supplement Series, 2012, 199, 2.	3.0	45
48	A Sub-Neptune-sized Planet Transiting the M2.5 Dwarf G 9-40: Validation with the Habitable-zone Planet Finder. Astronomical Journal, 2020, 159, 100.	1.9	45
49	Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey. Astronomical Journal, 2021, 162, 302.	1.9	44
50	Massâ€“Radius Relationship for M Dwarf Exoplanets: Comparing Nonparametric and Parametric Methods. Astrophysical Journal, 2019, 882, 38.	1.6	42
51	DISCOVERY OF A LOW-MASS COMPANION TO A METAL-RICH F STAR WITH THE MARVELS PILOT PROJECT. Astrophysical Journal, 2010, 718, 1186-1199.	1.6	41
52	A SEARCH FOR THE TRANSIT OF HD 168443b: IMPROVED ORBITAL PARAMETERS AND PHOTOMETRY. Astrophysical Journal, 2011, 743, 162.	1.6	41
53	THE HD 192263 SYSTEM: PLANETARY ORBITAL PERIOD AND STELLAR VARIABILITY DISENTANGLED. Astrophysical Journal, 2012, 754, 37.	1.6	40
54	THE APOGEE SPECTROSCOPIC SURVEY OFKEPLERPLANET HOSTS: FEASIBILITY, EFFICIENCY, AND FIRST RESULTS. Astronomical Journal, 2015, 149, 143.	1.9	40

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55	Double-lined Spectroscopic Binaries in the APOGEE DR16 and DR17 Data. Astronomical Journal, 2021, 162, 184.	1.9	40
56	HOST STAR PROPERTIES AND TRANSIT EXCLUSION FOR THE HD 38529 PLANETARY SYSTEM. Astrophysical Journal, 2013, 768, 155.	1.6	39
57	AN EFFICIENT, COMPACT, AND VERSATILE FIBER DOUBLE SCRAMBLER FOR HIGH PRECISION RADIAL VELOCITY INSTRUMENTS. Astrophysical Journal, 2015, 806, 61.	1.6	39
58	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.	1.9	38
59	The Habitable-Zone Planet Finder: improved flux image generation algorithms for H2RG up-the-ramp data. , 2018, , .		37
60	The Habitable Zone Planet Finder Reveals a High Mass and Low Obliquity for the Young Neptune K2-25b. Astronomical Journal, 2020, 160, 192.	1.9	35
61	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.	1.9	34
62	Kepler-730: A Hot Jupiter System with a Close-in, Transiting, Earth-sized Planet. Astrophysical Journal Letters, 2019, 870, L17.	3.0	33
63	Persistent Starspot Signals on M Dwarfs: Multiwavelength Doppler Observations with the Habitable-zone Planet Finder and Keck/HIRES. Astrophysical Journal, 2020, 897, 125.	1.6	32
64	An Inexpensive Field-Widened Monolithic Michelson Interferometer for Precision Radial Velocity Measurements. Publications of the Astronomical Society of the Pacific, 2008, 120, 1001-1015.	1.0	31
65	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.	1.9	30
66	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.	1.9	30
67	The PRL Stabilized High-Resolution Echelle Fiber-fed Spectrograph: Instrument Description and First Radial Velocity Results. Publications of the Astronomical Society of the Pacific, 2014, 126, 133-147.	1.0	30
68	M DWARF LUMINOSITY, RADIUS, AND Î± -ENRICHMENT FROM I -BAND SPECTRAL FEATURES. Astrophysical Journal Letters, 2015, 802, L10.	3.0	30
69	Measuring Stellar Radial Velocities with a Dispersed Fixedâ€Delay Interferometer. Astrophysical Journal, 2008, 678, 1505-1510.	1.6	29
70	MARVELS-1b: A SHORT-PERIOD, BROWN DWARF DESERT CANDIDATE FROM THE SDSS-III MARVELS PLANET SEARCH. Astrophysical Journal, 2011, 728, 32.	1.6	29
71	THE METALLICITY OF THE CM DRACONIS SYSTEM. Astrophysical Journal Letters, 2012, 760, L9.	3.0	29
72	THEORY OF DISPERSED FIXED-DELAY INTERFEROMETRY FOR RADIAL VELOCITY EXOPLANET SEARCHES. Astrophysical Journal, Supplement Series, 2010, 189, 156-180.	3.0	27

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73	Overview of the spectrometer optical fiber feed for the habitable-zone planet finder. , 2018, , .		27
74	The Warm Neptune GJ 3470b Has a Polar Orbit. Astrophysical Journal Letters, 2022, 931, L15.	3.0	27
75	Stellar Characterization of M Dwarfs from the APOGEE Survey: A Calibrator Sample for M-dwarf Metallicities. Astrophysical Journal, 2020, 890, 133.	1.6	26
76	The habitable zone planet finder: a proposed high-resolution NIR spectrograph for the Hobby Eberly Telescope to discover low-mass exoplanets around M dwarfs. Proceedings of SPIE, 2010, , .	0.8	25
77	Response to Comment on â€œStellar activity masquerading as planets in the habitable zone of the M dwarf Gliese 581â€• Science, 2015, 347, 1080-1080.	6.0	25
78	Stellar Activity Manifesting at a One-year Alias Explains Barnard b as a False Positive. Astronomical Journal, 2021, 162, 61.	1.9	25
79	Optical fiber modal noise in the 0.8 to 1.5 micron region and implications for near infrared precision radial velocity measurements. Proceedings of SPIE, 2012, , .	0.8	23
80	EVIDENCE FOR REFLECTED LIGHT FROM THE MOST ECCENTRIC EXOPLANET KNOWN. Astrophysical Journal, 2016, 821, 65.	1.6	23
81	The Aligned Orbit of WASP-148b, the Only Known Hot Jupiter with a nearby Warm Jupiter Companion, from NEID and HIRES. Astrophysical Journal Letters, 2022, 926, L8.	3.0	23
82	â€œMODAL NOISEâ€•IN SINGLE-MODE FIBERS: A CAUTIONARY NOTE FOR HIGH PRECISION RADIAL VELOCITY INSTRUMENTS. Astrophysical Journal Letters, 2015, 814, L22.	3.0	22
83	A Warm Jupiter Transiting an M Dwarf: A TESS Single-transit Event Confirmed with the Habitable-zone Planet Finder. Astronomical Journal, 2020, 160, 147.	1.9	22
84	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.	1.9	21
85	TOI-3714 b and TOI-3629 b: Two Gas Giants Transiting M Dwarfs Confirmed with the Habitable-zone Planet Finder and NEID. Astronomical Journal, 2022, 164, 50.	1.9	21
86	Evidence of a Sub-Saturn around EPIC 211945201. Astronomical Journal, 2018, 156, 3.	1.9	19
87	TOI-1728b: The Habitable-zone Planet Finder Confirms a Warm Super-Neptune Orbiting an M-dwarf Host. Astrophysical Journal, 2020, 899, 29.	1.6	19
88	A Search for Planetary Metastable Helium Absorption in the V1298 Tau System. Astronomical Journal, 2021, 162, 222.	1.9	19
89	Single Mode, Extreme Precision Doppler Spectrographs. Proceedings of the International Astronomical Union, 2012, 8, 403-406.	0.0	18
90	Diffuser-assisted Photometric Follow-up Observations of the Neptune-sized Planets K2-28b and K2-100b. Astronomical Journal, 2018, 156, 266.	1.9	18

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91	Nondetection of Helium in the Upper Atmospheres of TRAPPIST-1b, e, and f*. Astronomical Journal, 2021, 162, 82.	1.9	18
92	NEW RED JEWELS IN COMA BERENICES. Astrophysical Journal, 2014, 782, 61.	1.6	17
93	Kepler-503b: An Object at the Hydrogen Burning Mass Limit Orbiting a Subgiant Star. Astrophysical Journal Letters, 2018, 861, L4.	3.0	17
94	Observing the Sun as a Star: Design and Early Results from the NEID Solar Feed. Astronomical Journal, 2022, 163, 184.	1.9	17
95	A new generation multi-object Doppler instrument for the SDSS-III Multi-object APO Radial Velocity Exoplanet Large-area Survey. Proceedings of SPIE, 2009, , .	0.8	16
96	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. II. A SHORT-PERIOD COMPANION ORBITING AN F STAR WITH EVIDENCE OF A STELLAR TERTIARY AND SIGNIFICANT MUTUAL INCLINATION. Astronomical Journal, 2012, 144, 72.	1.9	16
97	A Mini-Neptune and a Radius Valley Planet Orbiting the Nearby M2 Dwarf TOI-1266 in Its Venus Zone: Validation with the Habitable-zone Planet Finder. Astronomical Journal, 2020, 160, 259.	1.9	16
98	It Takes Two Planets in Resonance to Tango around K2-146. Astronomical Journal, 2020, 159, 120.	1.9	14
99	TOI-532b: The Habitable-zone Planet Finder confirms a Large Super Neptune in the Neptune Desert orbiting a metal-rich M-dwarf host. Astronomical Journal, 2021, 162, 135.	1.9	14
100	IMPROVED ORBITAL PARAMETERS AND TRANSIT MONITORING FOR HD 156846b. Astrophysical Journal, 2011, 733, 28.	1.6	13
101	Thermal-light heterodyne spectroscopy with frequency comb calibration. Optica, 2022, 9, 221.	4.8	13
102	VERY-LOW-MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. III. A SHORT-PERIOD BROWN DWARF CANDIDATE AROUND AN ACTIVE G0IV SUBGIANT. Astronomical Journal, 2013, 145, 20.	1.9	12
103	Detection of a very low mass star in an eclipsing binary system. Monthly Notices of the Royal Astronomical Society, 2016, 462, 554-564.	1.6	12
104	TOI-150: A Transiting Hot Jupiter in the TESS Southern CVZ*. Astrophysical Journal Letters, 2019, 877, L29.	3.0	12
105	Solar Contamination in Extreme-precision Radial-velocity Measurements: Deleterious Effects and Prospects for Mitigation. Astronomical Journal, 2020, 159, 161.	1.9	12
106	Detailed Chemical Abundances for a Benchmark Sample of M Dwarfs from the APOGEE Survey. Astrophysical Journal, 2022, 927, 123.	1.6	12
107	The Epoch of Giant Planet Migration Planet Search Program. I. Near-infrared Radial Velocity Jitter of Young Sun-like Stars. Astronomical Journal, 2021, 161, 173.	1.9	11
108	Extreme precision photometry from the ground with beam-shaping diffusers for K2, TESS, and beyond. , 2018, , .		11

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109	NEID Rossiterâ€“McLaughlin Measurement of TOI-1268b: A Young Warm Saturn Aligned with Its Cool Host Star. Astrophysical Journal Letters, 2022, 926, L7.	3.0	11
110	Scrambling and modal noise mitigation in the Habitable Zone Planet Finder fiber feed. Proceedings of SPIE, 2014, , .	0.8	10
111	Target Prioritization and Observing Strategies for the NEID Earth Twin Survey. Astronomical Journal, 2021, 161, 130.	1.9	10
112	ACCURATE ATMOSPHERIC PARAMETERS AT MODERATE RESOLUTION USING SPECTRAL INDICES: PRELIMINARY APPLICATION TO THE MARVELS SURVEY. Astronomical Journal, 2014, 148, 105.	1.9	9
113	Frequency stability characterization of a broadband fiber Fabry-PÃ©rot interferometer. Optics Express, 2017, 25, 15599.	1.7	9
114	The Rotation of M Dwarfs Observed by the Apache Point Galactic Evolution Experiment. Astronomical Journal, 2018, 155, 38.	1.9	9
115	Gaia 20eae: A Newly Discovered Episodically Accreting Young Star. Astrophysical Journal, 2022, 926, 68.	1.6	9
116	STELLAR VARIABILITY OF THE EXOPLANET HOSTING STAR HD 63454. Astrophysical Journal, 2011, 737, 58.	1.6	8
117	TARGET SELECTION FOR THE SDSS-III MARVELS SURVEY. Astronomical Journal, 2015, 149, 186.	1.9	8
118	Forty-four New and Known M-dwarf Multiples in the SDSS-III/APOGEE M-dwarf Ancillary Science Sample. Astronomical Journal, 2018, 156, 45.	1.9	8
119	Broadband Stability of the Habitable Zone Planet Finder Fabryâ€“PÃ©rot Etalon Calibration System: Evidence for Chromatic Variation. Astronomical Journal, 2021, 161, 252.	1.9	8
120	The Habitable-zone Planet Finder Detects a Terrestrial-mass Planet Candidate Closely Orbiting Gliese 1151: The Likely Source of Coherent Low-frequency Radio Emission from an Inactive Star. Astrophysical Journal Letters, 2021, 919, L9.	3.0	8
121	An Eccentric Brown Dwarf Eclipsing an M dwarf. Astronomical Journal, 2022, 163, 89.	1.9	8
122	High-resolution Near-infrared Spectroscopy of a Flare around the Ultracool Dwarf vB 10. Astrophysical Journal, 2022, 925, 155.	1.6	8
123	The Pathfinder testbed: exploring techniques for achieving precision radial velocities in the near infrared. Proceedings of SPIE, 2010, , .	0.8	7
124	NON-DETECTION OF THE PUTATIVE SUBSTELLAR COMPANION TO HD 149382. Astrophysical Journal, 2011, 743, 88.	1.6	7
125	A system to provide sub-milliKelvin temperature control at T~300K for extreme precision optical radial velocimetry. Proceedings of SPIE, 2016, , .	0.8	7
126	A Candidate Transit Event around Proxima Centauri. Research Notes of the AAS, 2017, 1, 49.	0.3	7

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127	Evidence of Planetesimal Infall onto the Very Young Herbig Be Star LkH 234. Astrophysical Journal, 2004, 606, L69-L72.	1.6	6
128	Determination of mass and orbital parameters of a low-mass star HDÂ213597B. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3737-3744.	1.6	6
129	Chemical Compositions of Red Giant Stars from Habitable Zone Planet Finder Spectroscopy. Astronomical Journal, 2021, 161, 128.	1.9	6
130	The NEID precision radial velocity spectrometer: optical design of the port adapter and ADC. , 2018, , .		6
131	Frequency stability of the mode spectrum of broad bandwidth Fabry-PÃ©rot interferometers. OSA Continuum, 2020, 3, 1177.	1.8	6
132	The Influence of 10 Unique Chemical Elements in Shaping the Distribution of Kepler Planets. Astronomical Journal, 2022, 163, 128.	1.9	6
133	Rotational Modulation of Spectroscopic Zeeman Signatures in Low-mass Stars. Astrophysical Journal Letters, 2022, 927, L11.	3.0	6
134	Leveraging Space-based Data from the Nearest Solar-type Star to Better Understand Stellar Activity Signatures in Radial Velocity Data. Astronomical Journal, 2022, 163, 272.	1.9	6
135	PRL advanced radial-velocity all-sky search (PARAS): an efficient fiber-fed spectrograph for planet searches. Proceedings of SPIE, 2008, , .	0.8	5
136	DIRECT DETECTION OF PLANETS ORBITING LARGE ANGULAR DIAMETER STARS: SENSITIVITY OF AN INTERNALLY OCCULTING SPACE-BASED CORONAGRAPH. Astrophysical Journal, 2009, 702, 672-679.	1.6	5
137	A near-infrared frequency comb for Y+J band astronomical spectroscopy. Proceedings of SPIE, 2012, , .	0.8	5
138	The habitable-zone planet finder calibration system. Proceedings of SPIE, 2014, , .	0.8	5
139	Precision velocimetry planet hunting with PARAS: current performance and lessons to inform future extreme precision radial velocity instruments. Proceedings of SPIE, 2016, , .	0.8	5
140	The SDSS-HET Survey of Kepler Eclipsing Binaries. Description of the Survey and First Results. Astrophysical Journal, 2019, 884, 126.	1.6	5
141	The NEID precision radial velocity spectrometer: port adapter overview, requirements, and test plan. , 2018, , .		5
142	First planet confirmation with the exoplanet tracker. , 2003, 5170, 250.		4
143	Results from upgrades to the radial velocity instrument, ET, at the KPNO 2.1 m. , 2004, , .		4
144	Design of a stable fixed delay interferometer prototype for the ET project. , 2004, , .		4

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145	DISCOVERY OF A LOW-MASS COMPANION TO THE SOLAR-TYPE STAR TYC 2534-698-1. Astrophysical Journal, 2009, 692, 290-297.	1.6	4
146	Environmental control system for Habitable-zone Planet Finder (HPF). Proceedings of SPIE, 2014, , .	0.8	4
147	A Harsh Test of Far-field Scrambling with the Habitable-zone Planet Finder and the Hobbyâ€“Eberly Telescope. Astrophysical Journal, 2021, 912, 15.	1.6	4
148	Impact of crosshatch patterns in H2RGs on high-precision radial velocity measurements: exploration of measurement and mitigation paths with the Habitable-Zone Planet Finder. Journal of Astronomical Telescopes, Instruments, and Systems, 2019, 5, 1.	1.0	4
149	A Snowball in Hell: The Potential Steam Atmosphere of TOI-1266c. Planetary Science Journal, 2022, 3, 45.	1.5	4
150	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. Astronomical Journal, 2022, 163, 269.	1.9	4
151	All-sky radial velocity surveys using a multi-object fixed-delay interferometer. , 2003, , .		3
152	Doppler high precision extra-solar planet surveys by a fixed delay interferometer. , 2003, , .		3
153	All-sky extrasolar planet searches with multi-object dispersed fixed-delay interferometer in optical and near IR. , 2004, 5492, 711.		3
154	ECLIPSING BINARY SCIENCE VIA THE MERGING OF TRANSIT AND DOPPLER EXOPLANET SURVEY DATAâ€"A CASE STUDY WITH THE MARVELS PILOT PROJECT AND SuperWASP. Astronomical Journal, 2011, 142, 50.	1.9	3
155	GRASS: Distinguishing Planet-induced Doppler Signatures from Granulation with a Synthetic Spectra Generator. Astronomical Journal, 2022, 163, 11.	1.9	3
156	A Hot Mars-sized Exoplanet Transiting an M Dwarf. Astronomical Journal, 2022, 163, 3.	1.9	3
157	TOI-1696 and TOI-2136: Constraining the Masses of Two Mini-Neptunes with the Habitable-Zone Planet Finder. Astronomical Journal, 2022, 163, 286.	1.9	3
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