

Michael Ireland

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5360196/publications.pdf>

Version: 2024-02-01

222
papers

8,954
citations

44069

48
h-index

51608

86
g-index

224
all docs

224
docs citations

224
times ranked

5398
citing authors

#	ARTICLE	IF	CITATIONS
1	The GALAH survey: scientific motivation. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2604-2617.	4.4	535
2	LkCa 15: A YOUNG EXOPLANET CAUGHT AT FORMATION?. Astrophysical Journal, 2012, 745, 5.	4.5	312
3	The GALAH Survey: second data release. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4513-4552.	4.4	269
4	MAPPING THE SHORES OF THE BROWN DWARF DESERT. II. MULTIPLE STAR FORMATION IN TAURUS-AURIGA. Astrophysical Journal, 2011, 731, 8.	4.5	260
5	How to Constrain Your M Dwarf. II. The Massâ€“Luminosityâ€“Metallicity Relation from 0.075 to 0.70 Solar Masses. Astrophysical Journal, 2019, 871, 63.	4.5	229
6	FUNDAMENTAL PROPERTIES OF STARS USING ASTEROSEISMOLOGY FROM <i>KEPLER</i> AND <i>CoRoT</i> AND INTERFEROMETRY FROM THE CHARA ARRAY. Astrophysical Journal, 2012, 760, 32.	4.5	206
7	SOLAR-LIKE OSCILLATIONS IN LOW-LUMINOSITY RED GIANTS: FIRST RESULTS FROM <i>KEPLER</i> . Astrophysical Journal Letters, 2010, 713, L176-L181.	8.3	203
8	THE ROLE OF MULTIPLICITY IN DISK EVOLUTION AND PLANET FORMATION. Astrophysical Journal, 2012, 745, 19.	4.5	203
9	THE IMPACT OF STELLAR MULTIPLICITY ON PLANETARY SYSTEMS. I. THE RUINOUS INFLUENCE OF CLOSE BINARY COMPANIONS. Astronomical Journal, 2016, 152, 8.	4.7	200
10	Spectroastrometric Imaging of Molecular Gas within Protoplanetary Disk Gaps. Astrophysical Journal, 2008, 684, 1323-1329.	4.5	194
11	The Disk Around CoKu Tauri/4: Circumbinary, Not Transitional. Astrophysical Journal, 2008, 678, L59-L62.	4.5	188
12	Mapping the Shores of the Brown Dwarf Desert. I. Upper Scorpius. Astrophysical Journal, 2008, 679, 762-782.	4.5	176
13	ZODIACAL EXOPLANETS IN TIME (ZEIT). III. A SHORT-PERIOD PLANET ORBITING A PRE-MAIN-SEQUENCE STAR IN THE UPPER SCORPIUS OB ASSOCIATION. Astronomical Journal, 2016, 152, 61.	4.7	156
14	TWO WIDE PLANETARY-MASS COMPANIONS TO SOLAR-TYPE STARS IN UPPER SCORPIUS. Astrophysical Journal, 2011, 726, 113.	4.5	150
15	A close halo of large transparent grains around extreme red giant stars. Nature, 2012, 484, 220-222.	27.8	144
16	DYNAMICAL MASS OF THE SUBSTELLAR BENCHMARK BINARY HD 130948BC, ,. Astrophysical Journal, 2009, 692, 729-752.	4.5	138
17	Subtle Signatures of Multiplicity in Lateâ€“type Dwarf Spectra: The Unresolved M8.5 + T5 Binary 2MASS J03202839âˆ“0446358. Astrophysical Journal, 2008, 681, 579-593.	4.5	134
18	THE ASTEROSEISMIC POTENTIAL OF <i>KEPLER</i> : FIRST RESULTS FOR SOLAR-TYPE STARS. Astrophysical Journal Letters, 2010, 713, L169-L175.	8.3	122

#	ARTICLE	IF	CITATIONS
19	Interferometric radii of bright Kepler stars with the CHARA Array: $\hat{\iota}$ Cygni and 16 Cygni A and B. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 1262-1270.	4.4	116
20	THREE WIDE PLANETARY-MASS COMPANIONS TO FW TAU, ROXs 12, AND ROXs 42B. <i>Astrophysical Journal</i> , 2014, 781, 20.	4.5	110
21	Stellar diameters and temperatures – VI. High angular resolution measurements of the transiting exoplanet host stars HD 189733 and HD 209458 and implications for models of cool dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 846-857.	4.4	108
22	Multidimensional Bayesian membership analysis of the Sco OB2 moving group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 3108-3117.	4.4	99
23	Keck Laser Guide Star Adaptive Optics Monitoring of 2MASS J15344984+2952274AB: First Dynamical Mass Determination of a Binary T Dwarf. <i>Astrophysical Journal</i> , 2008, 689, 436-460.	4.5	97
24	A DISK AROUND THE PLANETARY-MASS COMPANION GSC 06214-00210 b: CLUES ABOUT THE FORMATION OF GAS GIANTS ON WIDE ORBITS. <i>Astrophysical Journal</i> , 2011, 743, 148.	4.5	96
25	KEPLER-445, KEPLER-446 AND THE OCCURRENCE OF COMPACT MULTIPLES ORBITING MID-M DWARF STARS. <i>Astrophysical Journal</i> , 2015, 801, 18.	4.5	93
26	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. <i>Astronomical Journal</i> , 2019, 158, 32.	4.7	93
27	THE CHARA ARRAY ANGLULAR DIAMETER OF HR 8799 FAVORS PLANETARY MASSES FOR ITS IMAGED COMPANIONS. <i>Astrophysical Journal</i> , 2012, 761, 57.	4.5	92
28	HD 181068: A Red Giant in a Triply Eclipsing Compact Hierarchical Triple System. <i>Science</i> , 2011, 332, 216-218.	12.6	91
29	ORBITAL ARCHITECTURES OF PLANET-HOSTING BINARIES. I. FORMING FIVE SMALL PLANETS IN THE TRUNCATED DISK OF KEPLER-444A*. <i>Astrophysical Journal</i> , 2016, 817, 80.	4.5	87
30	A super-Earth and two sub-Neptunes transiting the nearby and quiet M dwarf TOI-270. <i>Nature Astronomy</i> , 2019, 3, 1099-1108.	10.1	84
31	THE $\hat{\iota}$ ANDROMEDAE SYSTEM: NEW CONSTRAINTS ON THE COMPANION MASS, SYSTEM AGE, AND FURTHER MULTIPLICITY. <i>Astrophysical Journal</i> , 2013, 779, 153.	4.5	79
32	THE MASS-RADIUS RELATION OF YOUNG STARS. I. USCO 5, AN M4.5 ECLIPSING BINARY IN UPPER SCORPIUS OBSERVED BY K2. <i>Astrophysical Journal</i> , 2015, 807, 3.	4.5	79
33	The radius and mass of the close solar twin 18 Scorpii derived from asteroseismology and interferometry. <i>Astronomy and Astrophysics</i> , 2011, 526, L4.	5.1	73
34	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	4.7	72
35	MAPPING THE SHORES OF THE BROWN DWARF DESERT. III. YOUNG MOVING GROUPS. <i>Astrophysical Journal</i> , 2012, 744, 120.	4.5	71
36	WISE circumstellar discs in the young Sco-Cen association. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 421, L97-L101.	3.3	70

#	ARTICLE	IF	CITATIONS
37	New pre-main-sequence stars in the Upper Scorpius subgroup of Scoâ€“Cen. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2737-2748.	4.4	70
38	KECK LASER GUIDE STAR ADAPTIVE OPTICS MONITORING OF THE M8+L7 BINARY LHS 2397aAB: FIRST DYNAMICAL MASS BENCHMARK AT THE L/T TRANSITION. Astrophysical Journal, 2009, 699, 168-185.	4.5	69
39	Very regular high-frequency pulsation modes in young intermediate-mass stars. Nature, 2020, 581, 147-151.	27.8	69
40	OBSERVATIONAL CONSTRAINTS ON COMPANIONS INSIDE OF 10 AU IN THE HR 8799 PLANETARY SYSTEM. Astrophysical Journal Letters, 2011, 730, L21.	8.3	66
41	First light results from the High Efficiency and Resolution Multi-Element Spectrograph at the Anglo-Australian Telescope. Journal of Astronomical Telescopes, Instruments, and Systems, 2015, 1, 035002.	1.8	62
42	Dynamical opacity-sampling models of Mira variables - II. Time-dependent atmospheric structure and observable properties of four M-type model series. Monthly Notices of the Royal Astronomical Society, 2011, 418, 114-128.	4.4	60
43	The GALAH survey: the data reduction pipeline. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1259-1281.	4.4	60
44	NEW EVIDENCE FOR A SUBSTELLAR LUMINOSITY PROBLEM: DYNAMICAL MASS FOR THE BROWN DWARF BINARY GJ 417BC. Astrophysical Journal, 2014, 790, 133.	4.5	59
45	Dynamical Mass of GJ 802B: A Brown Dwarf in a Triple System. Astrophysical Journal, 2008, 678, 463-471.	4.5	58
46	Beyond the Kepler/K2 bright limit: variability in the seven brightest members of the Pleiades. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2882-2901.	4.4	58
47	Phase errors in diffraction-limited imaging: contrast limits for sparse aperture masking. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1718-1728.	4.4	55
48	Integrated photonic building blocks for next-generation astronomical instrumentation II: the multimode to single mode transition. Optics Express, 2013, 21, 27197.	3.4	51
49	Direct Detection of the Brown Dwarf GJ 802B with Adaptive Optics Masking Interferometry. Astrophysical Journal, 2006, 650, L131-L134.	4.5	50
50	Low loss mid-infrared ZBLAN waveguides for future astronomical applications. Optics Express, 2015, 23, 7946.	3.4	50
51	Dynamical opacity-sampling models of Mira variables - I. Modelling description and analysis of approximations. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1994-2002.	4.4	48
52	Multiwavelength diameters of nearby Miras and semiregular variables. Monthly Notices of the Royal Astronomical Society, 2004, 350, 365-374.	4.4	47
53	Dust scattering in the Miras R Car and RR Sco resolved by optical interferometric polarimetry. Monthly Notices of the Royal Astronomical Society, 2005, 361, 337-344.	4.4	47
54	THE AGES OF A-STARS. I. INTERFEROMETRIC OBSERVATIONS AND AGE ESTIMATES FOR STARS IN THE URSA MAJOR MOVING GROUP. Astrophysical Journal, 2015, 813, 58.	4.5	47

#	ARTICLE	IF	CITATIONS
55	DYNAMICAL MASSES OF YOUNG STARS. I. DISCORDANT MODEL AGES OF UPPER SCORPIUS. <i>Astrophysical Journal</i> , 2016, 817, 164.	4.5	47
56	Masses of Astrometrically Discovered and Imaged Binaries: G78â€28AB and GJ 231.1BC. <i>Astrophysical Journal</i> , 2006, 649, 389-398.	4.5	47
57	Long-baseline interferometric multiplicity survey of the Sco-Cen OB association. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1694-1707.	4.4	46
58	On the observability of geometric pulsation of M-type Mira variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 318-324.	4.4	45
59	Sensitive visible interferometry with PAVO. <i>Proceedings of SPIE</i> , 2008, , .	0.8	44
60	MAPPING THE SHORES OF THE BROWN DWARF DESERT. IV. OPHIUCHUS. <i>Astrophysical Journal</i> , 2015, 813, 83.	4.5	44
61	DISCOVERY OF SEVEN COMPANIONS TO INTERMEDIATE-MASS STARS WITH EXTREME MASS RATIOS IN THE SCORPIUSâ€CENTAURI ASSOCIATION. <i>Astrophysical Journal Letters</i> , 2015, 806, L9.	8.3	44
62	A CLOSE COMPANION SEARCH AROUND L DWARFS USING APERTURE MASKING INTERFEROMETRY AND PALOMAR LASER GUIDE STAR ADAPTIVE OPTICS. <i>Astrophysical Journal</i> , 2010, 715, 724-735.	4.5	43
63	Bornâ€Again Protoplanetary Disk around Mira B. <i>Astrophysical Journal</i> , 2007, 662, 651-657.	4.5	42
64	THE AGE OF THE DIRECTLY IMAGED PLANET HOST STAR Î ANDROMEDAE DETERMINED FROM INTERFEROMETRIC OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2016, 822, L3.	8.3	42
65	RESOLVING THE GAP AND AU-SCALE ASYMMETRIES IN THE PRE-TRANSITIONAL DISK OF V1247 ORIONIS. <i>Astrophysical Journal</i> , 2013, 768, 80.	4.5	41
66	Multiband processing of multimode light: combining 3D photonic lanterns with waveguide Bragg gratings. <i>Laser and Photonics Reviews</i> , 2014, 8, L1-L5.	8.7	41
67	Sparse-aperture adaptive optics. , 2006, , .		40
68	The fundamental parameters of the roAp star Î Circini. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 2039-2046.	4.4	40
69	Accurate effective temperatures of the metal-poor benchmark stars HDâ€140283, HDâ€122563, and HDâ€103095 from CHARA interferometry. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 475, L81-L85.	3.3	40
70	Monte-Carlo imaging for optical interferometry. , 2006, 6268, 562.		39
71	Physical modeling of near-Earth Asteroid (29075) 1950 DA. <i>Icarus</i> , 2007, 190, 608-621.	2.5	39
72	The Keck Aperture Masking Experiment: Multiwavelength Observations of Six Mira Variables. <i>Astrophysical Journal</i> , 2008, 673, 418-433.	4.5	39

#	ARTICLE	IF	CITATIONS
73	Integrated photonic building blocks for next-generation astronomical instrumentation I: the multimode waveguide. <i>Optics Express</i> , 2012, 20, 17029.	3.4	39
74	Two Intermediate-mass Transiting Brown Dwarfs from the TESS Mission. <i>Astronomical Journal</i> , 2020, 160, 53.	4.7	39
75	Standing on the Shoulders of Giants: New Mass and Distance Estimates for Betelgeuse through Combined Evolutionary, Asteroseismic, and Hydrodynamic Simulations with MESA. <i>Astrophysical Journal</i> , 2020, 902, 63.	4.5	39
76	The K2-HERMES Survey. I. Planet-candidate Properties from K2 Campaigns 1â€“3. <i>Astronomical Journal</i> , 2018, 155, 84.	4.7	38
77	THE KECK APERTURE MASKING EXPERIMENT: SPECTRO-INTERFEROMETRY OF THREE MIRA VARIABLES FROM 1.1 TO 3.8 Î¼m. <i>Astrophysical Journal</i> , 2009, 691, 1328-1336.	4.5	37
78	Validation of the exoplanet Kepler-21b using PAVO/CHARA long-baseline interferometry. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 423, L16-L20.	3.3	37
79	THE MASSâ€“LUMINOSITY RELATION IN THE L/T TRANSITION: INDIVIDUAL DYNAMICAL MASSES FOR THE NEW<i>j</i>-BAND FLUX REVERSAL BINARY SDSS J105213.51+442255.7AB. <i>Astrophysical Journal</i> , 2015, 805, 56.	4.5	37
80	Interferometric diameters of five evolved intermediate-mass planet-hosting stars measured with PAVO at the CHARA Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4403-4413.	4.4	37
81	Pulsation of M-type Mira variables with moderately different mass: search for observable mass effects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 444-450.	4.4	36
82	Optical interferometry of early-type stars with PAVO@CHARA â€“ I. Fundamental stellar properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1321-1331.	4.4	36
83	Complex Rotational Modulation of Rapidly Rotating M Stars Observed with TESS. <i>Astrophysical Journal</i> , 2019, 876, 127.	4.5	36
84	Precision Masses of the Lowâ€“Mass Binary System GJ 623. <i>Astrophysical Journal</i> , 2007, 661, 496-501.	4.5	33
85	Attaining $m \sim 1$ level intrinsic Doppler precision with RHEA, a low-cost single-mode spectrograph. <i>Experimental Astronomy</i> , 2016, 42, 285-300.	3.7	31
86	The radius and mass of the subgiant star Î² Hyi from interferometry and asteroseismology. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 380, L80-L83.	3.3	30
87	Fundamental stellar parameters of benchmark stars from CHARA interferometry. <i>Astronomy and Astrophysics</i> , 2020, 640, A25.	5.1	30
88	AN ALMA DISK MASS FOR THE CANDIDATE PROTOPLANETARY COMPANION TO FW TAU. <i>Astrophysical Journal Letters</i> , 2015, 798, L23.	8.3	29
89	AN ALMA CONSTRAINT ON THE GSC 6214-210 B CIRCUM-SUBSTELLAR ACCRETION DISK MASS. <i>Astrophysical Journal Letters</i> , 2015, 805, L17.	8.3	28
90	The GALAH survey: stellar streams and how stellar velocity distributions vary with Galactic longitude, hemisphere, and metallicity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 228-254.	4.4	28

#	ARTICLE	IF	CITATIONS
91	Observable effects of dust formation in dynamic atmospheres of M-type Mira variables. Monthly Notices of the Royal Astronomical Society, 2006, 367, 1585-1593.	4.4	26
92	ESTABLISHING $\hat{\mu}$ Oph AS A PROTOTYPE ROTATOR: IMPROVED ASTROMETRIC ORBIT. Astrophysical Journal, 2011, 726, 104.	4.5	25
93	SUBMILLIMETER ARRAY OBSERVATIONS OF THE RX J1633.9-2442 TRANSITION DISK: EVIDENCE FOR MULTIPLE PLANETS IN THE MAKING. Astrophysical Journal, 2012, 752, 75.	4.5	25
94	SPARSE APERTURE MASKING OBSERVATIONS OF THE FL Cha PRE-TRANSITIONAL DISK. Astrophysical Journal Letters, 2013, 762, L12.	8.3	25
95	Binary star formation and the outflows from their discs. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1626-1641.	4.4	25
96	VISUAL ORBIT OF THE LOW-MASS BINARY GJ 164 AB. Astrophysical Journal, 2009, 695, 1183-1190.	4.5	24
97	The GALAH survey: accurate radial velocities and library of observed stellar template spectra. Monthly Notices of the Royal Astronomical Society, 2018, 481, 645-654.	4.4	24
98	Orbital Motion of the Wide Planetary-mass Companion GSC 6214-210 b: No Evidence for Dynamical Scattering. Astronomical Journal, 2019, 157, 71.	4.7	24
99	TOI-216b and TOI-216 c: Two Warm, Large Exoplanets in or Slightly Wide of the 2:1 Orbital Resonance. Astronomical Journal, 2019, 158, 65.	4.7	22
100	Orbital elements, masses and distance of $\hat{\text{A}}$ Scorpii A and B determined with the Sydney University Stellar Interferometer and high-resolution spectroscopy. Monthly Notices of the Royal Astronomical Society, 2006, 370, 884-890.	4.4	21
101	Chronostar: a novel Bayesian method for kinematic age determination. I. Derivation and application to the $\hat{\text{I}}^2$ Pictoris moving group. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	21
102	2006 interferometry imaging beauty contest. , 2006, , .		20
103	The radius and other fundamental parameters of the F9 $\hat{\text{e}}$ V star $\hat{\text{I}}^2$ Virginis. Monthly Notices of the Royal Astronomical Society, 2009, 393, 245-252.	4.4	20
104	Kernel-nulling for a robust direct interferometric detection of extrasolar planets. Astronomy and Astrophysics, 2018, 619, A87.	5.1	20
105	The weather report from IRC+10216: evolving irregular clouds envelop carbon star. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3102-3109.	4.4	19
106	Fabrication tolerant chalcogenide mid-infrared multimode interference coupler design with applications for Bracewell nulling interferometry. Optics Express, 2017, 25, 3038.	3.4	19
107	Deep long asymmetric occultation in EPIC 204376071. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2681-2693.	4.4	19
108	Observations of the pulsation of the Cepheid $\hat{\text{a}}$,“ Car with the Sydney University Stellar Interferometer. Monthly Notices of the Royal Astronomical Society, 2009, 394, 1620-1630.	4.4	18

#	ARTICLE	IF	CITATIONS
109	The Angular Diameter and Fundamental Parameters of Sirius A. Publications of the Astronomical Society of Australia, 2011, 28, 58-65.	3.4	18
110	HIGH-RESOLUTION INFRARED IMAGING AND SPECTROSCOPY OF THE Z CANIS MAJORIS SYSTEM DURING QUIESCENCE AND OUTBURST. Astrophysical Journal Letters, 2013, 763, L9.	8.3	18
111	Multiplicity of disc-bearing stars in Upper Scorpius and Upper Centaurus-Lupus. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5099-5112.	4.4	18
112	Kernel phase imaging with VLT/NACO: high-contrast detection of new candidate low-mass stellar companions at the diffraction limit. Monthly Notices of the Royal Astronomical Society, 2019, 486, 639-654.	4.4	18
113	Sparse aperture masking (SAM) at NAOS/CONICA on the VLT. Proceedings of SPIE, 2010, , .	0.8	16
114	Non-redundant Aperture Masking Interferometry (AMI) and segment phasing with JWST-NIRISS. Proceedings of SPIE, 2012, , .	0.8	16
115	Precision angular diameters for 16 southern stars with VLT/PIONIER. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2377-2394.	4.4	16
116	SUSI: recent technology and science. , 2004, , .		15
117	bRing: An observatory dedicated to monitoring the β Pictoris b Hill sphere transit. Astronomy and Astrophysics, 2017, 607, A45.	5.1	15
118	A window into $\hat{\iota}$ Sct stellar interiors: understanding the eclipsing binary system TT Hor. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1372-1383.	4.4	14
119	Planetary system and star formation science with non-redundant masking on JWST. , 2009, , .		13
120	The Palomar kernel-phase experiment: testing kernel phase interferometry for ground-based astronomical observations. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1647-1653.	4.4	13
121	Dynamical Masses of Young Stars. II. Young Taurus Binaries Hubble 4, FF Tau, and HP Tau/G3. Astrophysical Journal, 2020, 889, 175.	4.5	13
122	Photonic technologies for a pupil remapping interferometer. Proceedings of SPIE, 2010, , .	0.8	12
123	Architecture design study and technology road map for the Planet Formation Imager (PFI). Proceedings of SPIE, 2016, , .	0.8	12
124	Precision Orbit of $\hat{\iota}$ Delphini and Prospects for Astrometric Detection of Exoplanets. Astrophysical Journal, 2018, 855, 1.	4.5	12
125	The planet formation imager. Experimental Astronomy, 2018, 46, 517-529.	3.7	12
126	The GALAH Survey: lithium-strong KM dwarfs. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4591-4600.	4.4	12

#	ARTICLE	IF	CITATIONS
127	TESTING THE BINARY TRIGGER HYPOTHESIS IN FUors. <i>Astrophysical Journal</i> , 2016, 830, 29.	4.5	12
128	TOI 694b and TIC 220568520b: Two Low-mass Companions near the Hydrogen-burning Mass Limit Orbiting Sun-like Stars. <i>Astronomical Journal</i> , 2020, 160, 133.	4.7	12
129	Eclipsing Binaries in the Open Cluster Ruprecht 147. III. The Triple System EPIC 219552514 at the Main-sequence Turnoff. <i>Astrophysical Journal</i> , 2020, 896, 162.	4.5	12
130	OPTICAL AND MECHANICAL DESIGN OF THE CHARA ARRAY ADAPTIVE OPTICS. <i>Journal of Astronomical Instrumentation</i> , 2013, 02, .	1.5	11
131	Characterization of 92 southern <i>TESS</i> candidate planet hosts and a new photometric [Fe/H] relation for cool dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5788-5805.	4.4	11
132	Orbital architectures of planet-hosting binaries â€œ II. Low mutual inclinations between planetary and stellar orbits. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 648-660.	4.4	11
133	Planetary system and star formation science with non-redundant masking on JWST. , 2010, , .		10
134	Planet formation imager (PFI): introduction and technical considerations. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
135	Scientific Goals of the Kunlun Infrared Sky Survey (KISS). <i>Publications of the Astronomical Society of Australia</i> , 2016, 33, .	3.4	10
136	ARMADA. I. Triple Companions Detected in B-type Binaries $\hat{\iota}$ Del and $\hat{\iota}$ ½ Gem. <i>Astronomical Journal</i> , 2021, 161, 40.	4.7	10
137	New Spatially Resolved Imaging of the SR 21 Transition Disk and Constraints on the Small-grain Disk Geometry. <i>Astrophysical Journal</i> , 2019, 883, 100.	4.5	10
138	The Sydney University Stellar Interferometer: A Major Upgrade to Spectral Coverage and Performance. <i>Publications of the Astronomical Society of Australia</i> , 2007, 24, 138-150.	3.4	9
139	A dispersed heterodyne design for the planet formation imager. , 2014, , .		9
140	Angular Sizes and Effective Temperatures of O-type Stars from Optical Interferometry with the CHARA Array. <i>Astrophysical Journal</i> , 2018, 869, 37.	4.5	9
141	Angular Sizes, Radii, and Effective Temperatures of B-type Stars from Optical Interferometry with the CHARA Array. <i>Astrophysical Journal</i> , 2019, 873, 91.	4.5	9
142	The path to visible extreme adaptive optics with MagAO-2K and MagAO-X. , 2016, , .		9
143	Eclipsing Binaries in the Open Cluster Ruprecht 147. II. Epic 219568666. <i>Astrophysical Journal</i> , 2019, 887, 109.	4.5	9
144	THE BINARY WHITE DWARF LHS 3236. <i>Astrophysical Journal</i> , 2013, 779, 21.	4.5	8

#	ARTICLE	IF	CITATIONS
145	RHEA: the ultra-compact replicable high-resolution exoplanet and Asteroseismology spectrograph. Proceedings of SPIE, 2014, , .	0.8	8
146	TAIPAN: optical spectroscopy with StarBugs. Proceedings of SPIE, 2014, , .	0.8	8
147	Precision single mode fibre integral field spectroscopy with the RHEA spectrograph. Proceedings of SPIE, 2016, , .	0.8	8
148	Improving the extinction bandwidth of MMI chalcogenide photonic chip based MIR nulling interferometers. Optics Express, 2017, 25, 16813.	3.4	8
149	Imaging the disc rim and a moving close-in companion candidate in the pre-transitional disc of V1247 Orionis. Astronomy and Astrophysics, 2019, 621, A7.	5.1	8
150	The Antarctic planet interferometer. , 2004, , .		7
151	The AAO's Gemini High-Resolution Optical SpecTrograph (GHOST) concept. Proceedings of SPIE, 2012, , .	0.8	7
152	Planet Formation Imager (PFI): science vision and key requirements. , 2016, , .		7
153	Beam combination schemes and technologies for the Planet Formation Imager. , 2016, , .		7
154	Status of the Planet Formation Imager (PFI) concept. Proceedings of SPIE, 2016, , .	0.8	7
155	An update on the CHARA array. , 2016, , .		7
156	A Large Ground-based Observing Campaign of the Disintegrating Planet K2-22b. Astronomical Journal, 2018, 156, 227.	4.7	7
157	High-resolution survey for planetary companions to young stars in the Taurus molecular cloud. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1382-1396.	4.4	7
158	A linear formation-flying astronomical interferometer in low Earth orbit. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	7
159	Veloce Rosso: Australia's new precision radial velocity spectrograph. , 2018, , .		7
160	Software tools for optical interferometry. , 2006, , .		6
161	Adaptive optics for the CHARA array. Proceedings of SPIE, 2012, , .	0.8	6
162	Effects of moderate abundance changes on the atmospheric structure and colours of Mira variables. Astronomy and Astrophysics, 2014, 565, A119.	5.1	6

#	ARTICLE	IF	CITATIONS
163	Discovery of $\hat{\nu}$ Scuti Pulsations in the Young Hybrid Debris Disk Star HD 156623. <i>Astrophysical Journal</i> , 2019, 870, 36.	4.5	6
164	The $\hat{\nu}^2$ Pictoris b Hill sphere transit campaign. <i>Astronomy and Astrophysics</i> , 2021, 648, A15.	5.1	6
165	Increasing the achievable contrast of infrared interferometry with an error correlation model. <i>Astronomy and Astrophysics</i> , 2020, 644, A110.	5.1	6
166	Data reduction software for the Gemini high resolution optical spectrograph. , 2018, , .		6
167	Searching for Young Planets with Sparse Aperture Masking. , 2009, , .		5
168	Probing dusty circumstellar environments with polarimetric aperture-masking interferometry. <i>Proceedings of SPIE</i> , 2012, , .	0.8	5
169	CHARA array adaptive optics II: non-common-path correction and downstream optics. <i>Proceedings of SPIE</i> , 2014, , .	0.8	5
170	Progress on the Gemini High-Resolution Optical SpecTrograph (GHOST) design. <i>Proceedings of SPIE</i> , 2014, , .	0.8	5
171	Tiny grains shining bright in the gaps of Herbig Ae transitional discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3721-3740.	4.4	5
172	Confirming known planetary trends using a photometrically selected <i>Kepler</i> sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5309-5318.	4.4	5
173	The Gemini High-Resolution Optical SpecTrograph (GHOST) bench spectrograph optical design. <i>Proceedings of SPIE</i> , 2016, , .	0.8	5
174	The Emergent Flux and Effective Temperature of $\hat{\nu}$ Canis Majoris. <i>Publications of the Astronomical Society of Australia</i> , 2007, 24, 151-158.	3.4	4
175	Low-cost scheme for high-precision dual-wavelength laser metrology. <i>Applied Optics</i> , 2013, 52, 2808.	1.8	4
176	PHASE-REFERENCED INTERFEROMETRY AND NARROW-ANGLE ASTROMETRY WITH SUSI. <i>Journal of Astronomical Instrumentation</i> , 2013, 02, .	1.5	4
177	The likelihood of detecting young giant planets with high-contrast imaging and interferometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 502-512.	4.4	4
178	Dynamics of small grains in transitional discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3023-3042.	4.4	4
179	A spectroscopically confirmed <i>Gaia</i> -selected sample of 318 new young stars within $\hat{\nu}^1_4 200 \hat{\nu} \text{Apc}$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 938-952.	4.4	4
180	Constraints on Planets in Nearby Young Moving Groups Detectable by High-Contrast Imaging and Gaia Astrometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	4

#	ARTICLE	IF	CITATIONS
181	Enabling photonic technologies for seeing-limited telescopes: fabrication of integrated photonic lanterns on a chip. , 2012, , .		3
182	Imaging rapid rotators with the PAVO beam combiner at CHARA. Proceedings of SPIE, 2012, , .	0.8	3
183	THE USE OF SPATIAL FILTERING WITH APERTURE MASKING INTERFEROMETRY AND ADAPTIVE OPTICS. Astrophysical Journal, 2012, 756, 8.	4.5	3
184	Orbital Motion and Multi-Wavelength Monitoring of LkCa15 b. Proceedings of the International Astronomical Union, 2013, 8, 199-203.	0.0	3
185	Co-phasing the planet formation imager. Proceedings of SPIE, 2016, , .	0.8	3
186	The precision radial velocity error budget for the Gemini High-resolution Optical Spectrograph (GHOST). Proceedings of SPIE, 2016, , .	0.8	3
187	Bright Southern Variable Stars in the bRing Survey. Astrophysical Journal, Supplement Series, 2019, 244, 15.	7.7	3
188	Aperture Masking Imaging. Astrophysics and Space Science Library, 2016, , 43-57.	2.7	3
189	Interferometry of pulsating red giants from 0.65 to 3.5 microns. International Astronomical Union Colloquium, 2004, 193, 327-331.	0.1	2
190	Calibration of nonspatially filtered data in optical interferometry. , 2006, , .		2
191	Instrumental developments for the Sydney University Stellar Interferometer. Proceedings of SPIE, 2010, , .	0.8	2
192	Science and technology progress at the Sydney University Stellar Interferometer. Proceedings of SPIE, 2012, , .	0.8	2
193	Self-phase-referencing interferometry with SUSI. , 2012, , .		2
194	Simulating a dual beam combiner at SUSI for narrow-angle astrometry. Experimental Astronomy, 2013, 36, 195-221.	3.7	2
195	A stable and inexpensive wavelength reference for precise wavelength calibration of radial velocity spectrographs. Proceedings of SPIE, 2014, , .	0.8	2
196	Practical beam transport for PFI. , 2016, , .		2
197	Performance and future developments of the RHEA single-mode spectrograph. Proceedings of SPIE, 2016, , .	0.8	2
198	TYC 8241 2652 1 and the case of the disappearing disk: No smoking gun yet. Astronomy and Astrophysics, 2017, 598, A82.	5.1	2

#	ARTICLE	IF	CITATIONS
199	Mid-infrared photometry of the T Tauri triple system with kernel phase interferometry. <i>Astronomy and Astrophysics</i> , 2021, 646, A36.	5.1	2
200	Image-plane fringe tracker for adaptive-optics assisted long baseline interferometry. , 2018, , .		2
201	Interferometric beam combination with a triangular tricoupler photonic chip. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.8	2
202	Double-Fourier spatio-spectral decoding. , 2006, , .		1
203	A new embedded control system for SUSI. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
204	Detecting extrasolar planets with sparse aperture masking. , 2012, , .		1
205	Aperture masking behind AO systems. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
206	KOALA, a wide-field 1000 element integral-field unit for the Anglo-Australian Telescope: assembly and commissioning. , 2014, , .		1
207	Astrometric Interferometry. , 2021, , 103-126.		1
208	The RHEA single-mode spectrograph. , 2018, , .		1
209	Establishing $\hat{\pm}$ Oph as a Prototype Rotator: Precision Orbit with New Keck, CHARA, and RV Observations. <i>Astrophysical Journal</i> , 2021, 921, 41.	4.5	1
210	Emu: a case study for TDI-like imaging for infrared observation from space. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.8	1
211	SUSI: an update on instrumental developments and science. , 2006, 6268, 33.		0
212	Interferometric Constraints on Gravity Darkening with Application to the Modeling of Spica A & B. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 271-280.	0.0	0
213	Confronting substellar theoretical models with stellar ages. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 337-344.	0.0	0
214	The SUSI instrument: new science and technology. , 2008, , .		0
215	The Role of Multiplicity in Protoplanetary Disk Evolution. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 766-766.	0.0	0
216	Exploration of integrated photonic lanterns fabricated by femtosecond laser inscription. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
217	Alternative approach to precision narrow-angle astrometry for Antarctic long baseline interferometry. , 2014, , .		0
218	The AST3-NIR camera for the Kunlun Infrared Sky Survey. Proceedings of SPIE, 2016, , .	0.8	0
219	Planet formation imager: project update. , 2018, , .		0
220	Hi-5: a potential high-contrast thermal near-infrared imager for the VLTI. , 2018, , .		0
221	Photonic mid-infrared nulling for exoplanet detection on a planar chalcogenide platform. , 2018, , .		0
222	Cepheid Observations with the Sydney University Stellar Interferometer: â€œCarinae and Î²Doradus. , 2007, , 105-109.		0