

Laird M Close

List of Publications by Year in descending order

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papers

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2942
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#	ARTICLE	IF	CITATIONS
1	Detection of Nine M8.0â€“L0.5 Binaries: The Very Low Mass Binary Population and Its Implications for Brown Dwarf and Very Low Mass Star Formation. <i>Astrophysical Journal</i> , 2003, 587, 407-422.	4.5	275
2	THE GEMINI/NICI PLANET-FINDING CAMPAIGN: THE FREQUENCY OF PLANETS AROUND YOUNG MOVING GROUP STARS. <i>Astrophysical Journal</i> , 2013, 777, 160.	4.5	176
3	Astronomical demonstration of an optical vortex coronagraph. <i>Optics Express</i> , 2008, 16, 10200.	3.4	175
4	FIRST LIGHT LBT AO IMAGES OF HR 8799 bcde AT 1.6 AND 3.3 $\hat{1}$ / ₄ m: NEW DISCREPANCIES BETWEEN YOUNG PLANETS AND OLD BROWN DWARFS. <i>Astrophysical Journal</i> , 2012, 753, 14.	4.5	152
5	HD 106906 b: A PLANETARY-MASS COMPANION OUTSIDE A MASSIVE DEBRIS DISK. <i>Astrophysical Journal Letters</i> , 2014, 780, L4.	8.3	143
6	A dynamical calibration of the massâ€“luminosity relation at very low stellar masses and young ages. <i>Nature</i> , 2005, 433, 286-289.	27.8	138
7	An Imaging Survey for Extrasolar Planets around 45 Close, Young Stars with the Simultaneous Differential Imager at the Very Large Telescope and MMT. <i>Astrophysical Journal, Supplement Series</i> , 2007, 173, 143-165.	7.7	138
8	THE GEMINI NICI PLANET-FINDING CAMPAIGN: THE FREQUENCY OF GIANT PLANETS AROUND YOUNG B AND A STARS. <i>Astrophysical Journal</i> , 2013, 776, 4.	4.5	138
9	THE GEMINI NICI PLANET-FINDING CAMPAIGN: DISCOVERY OF A SUBSTELLAR L DWARF COMPANION TO THE NEARBY YOUNG M DWARF CDâ€“35 2722. <i>Astrophysical Journal</i> , 2011, 729, 139.	4.5	119
10	AN ENIGMATIC POINT-LIKE FEATURE WITHIN THE HD 169142 TRANSITIONAL DISK,. <i>Astrophysical Journal Letters</i> , 2014, 792, L22.	8.3	119
11	THE GEMINI NICI PLANET-FINDING CAMPAIGN: DISCOVERY OF A CLOSE SUBSTELLAR COMPANION TO THE YOUNG DEBRIS DISK STAR PZ Tel. <i>Astrophysical Journal Letters</i> , 2010, 720, L82-L87.	8.3	112
12	DIRECTLY IMAGED L-T TRANSITION EXOPLANETS IN THE MID-INFRARED. <i>Astrophysical Journal</i> , 2014, 792, 17.	4.5	112
13	Magellan Adaptive Optics Imaging of PDS 70: Measuring the Mass Accretion Rate of a Young Giant Planet within a Gapped Disk. <i>Astrophysical Journal Letters</i> , 2018, 863, L8.	8.3	107
14	The Wide Brown Dwarf Binary Oph 1622âˆ“2405 and Discovery of a Wide, Lowâ€“Mass Binary in Ophiuchus (Oph 1623âˆ“2402): A New Class of Young Evaporating Wide Binaries?. <i>Astrophysical Journal</i> , 2007, 660, 1492-1506.	4.5	106
15	MAGELLAN ADAPTIVE OPTICS FIRST-LIGHT OBSERVATIONS OF THE EXOPLANET<i>PIC b. II. 3â€“5<i> $\hat{1}$ / ₄ </i>m DIRECT IMAGING WITH MagAO+Clío, AND THE EMPIRICAL BOLOMETRIC LUMINOSITY OF A SELF-LUMINOUS GIANT PLANET. <i>Astrophysical Journal</i> , 2015, 815, 108.	4.5	104
16	A UNIFORM ANALYSIS OF 118 STARS WITH HIGH-CONTRAST IMAGING: LONG-PERIOD EXTRASOLAR GIANT PLANETS ARE RARE AROUND SUN-LIKE STARS. <i>Astrophysical Journal</i> , 2010, 717, 878-896.	4.5	101
17	Complex Spiral Structure in the HD 100546 Transitional Disk as Revealed by GPI and MagAO. <i>Astronomical Journal</i> , 2017, 153, 264.	4.7	99
18	THE GEMINI PLANET-FINDING CAMPAIGN: THE FREQUENCY OF GIANT PLANETS AROUND DEBRIS DISK STARS. <i>Astrophysical Journal</i> , 2013, 773, 179.	4.5	97

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19	Constraints on Extrasolar Planet Populations from VLT NACO/SDI and MMT SDI and Direct Adaptive Optics Imaging Surveys: Giant Planets are Rare at Large Separations. <i>Astrophysical Journal</i> , 2008, 674, 466-481.	4.5	94
20	MAGELLAN ADAPTIVE OPTICS FIRST-LIGHT OBSERVATIONS OF THE EXOPLANET $\hat{\iota}^2$ PIC b. I. DIRECT IMAGING IN THE FAR-RED OPTICAL WITH MagAO+VisAO AND IN THE NEAR-IR WITH NICI ^{<sup></sup>. <i>Astrophysical Journal</i>, 2014, 786, 32.}	4.5	88
21	Discovery of Two Very Low Mass Binaries: Final Results of an Adaptive Optics Survey of Nearby M6.0 $\hat{\iota}$ -M7.5 Stars. <i>Astrophysical Journal</i> , 2005, 621, 1023-1032.	4.5	87
22	Radar observations and shape model of asteroid 16 Psyche. <i>Icarus</i> , 2017, 281, 388-403.	2.5	87
23	EVIDENCE AGAINST AN EDGE-ON DISK AROUND THE EXTRASOLAR PLANET, 2MASS 1207 b AND A NEW THICK-CLOUD EXPLANATION FOR ITS UNDERLUMINOSITY ^{<sup></sup><sup></sup>. <i>Astrophysical Journal</i>, 2011, 732, 107.}	4.5	82
24	An Optical/Near-infrared Investigation of HD 100546 b with the Gemini Planet Imager and MagAO. <i>Astronomical Journal</i> , 2017, 153, 244.	4.7	81
25	<title>StarFinder: an IDL GUI-based code to analyze crowded fields with isoplanatic correcting PSF fitting</title>. , 2000, , .		78
26	Very high contrast integral field spectroscopy of AB Doradus C: 9-mag contrast at 0.2 $\hat{\iota}$ arcsec without a coronagraph using spectral deconvolution $\hat{\iota}$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 378, 1229-1236.	4.4	75
27	An Adaptive Optics Survey of M8-M9 Stars: Discovery of Four Very Low Mass Binaries with at Least One System Containing a Brown Dwarf Companion. <i>Astrophysical Journal</i> , 2002, 567, L53-L57.	4.5	71
28	THE GEMINI NICI PLANET-FINDING CAMPAIGN: DISCOVERY OF A MULTIPLE SYSTEM ORBITING THE YOUNG A STAR HD 1160. <i>Astrophysical Journal</i> , 2012, 750, 53.	4.5	70
29	THE LEECH EXOPLANET IMAGING SURVEY: CHARACTERIZATION OF THE COLDEST DIRECTLY IMAGED EXOPLANET, GJ 504 b, AND EVIDENCE FOR SUPERSTELLAR METALLICITY*. <i>Astrophysical Journal</i> , 2016, 817, 166.	4.5	68
30	MAPPING<i>H</i>-BAND SCATTERED LIGHT EMISSION IN THE MYSTERIOUS SR21 TRANSITIONAL DISK. <i>Astrophysical Journal</i> , 2013, 767, 10.	4.5	66
31	Adaptive Optics 0. $\hat{\iota}$ 2 Resolution Infrared Images of HL Tauri: Direct Images of an Active Accretion Disk around a Protostar. <i>Astrophysical Journal</i> , 1997, 478, 766-777.	4.5	66
32	The Orbit of the Companion to HD 100453A: Binary-driven Spiral Arms in a Protoplanetary Disk. <i>Astrophysical Journal</i> , 2018, 854, 130.	4.5	62
33	ADAPTIVE OPTICS IMAGING OF VHS $\hat{\iota}$ 1256 $\hat{\iota}$ 1257: A LOW MASS COMPANION TO A BROWN DWARF BINARY SYSTEM. <i>Astrophysical Journal Letters</i> , 2016, 818, L12.	8.3	61
34	THE GEMINI NICI PLANET-FINDING CAMPAIGN: THE ORBIT OF THE YOUNG EXOPLANET $\hat{\iota}^2$ PICTORIS b. <i>Astrophysical Journal</i> , 2014, 794, 158.	4.5	59
35	SEEDS ADAPTIVE OPTICS IMAGING OF THE ASYMMETRIC TRANSITION DISK OPH IRS 48 IN SCATTERED LIGHT. <i>Astrophysical Journal</i> , 2015, 798, 132.	4.5	59
36	ON-SKY PERFORMANCE ANALYSIS OF THE VECTOR APODIZING PHASE PLATE CORONAGRAPH ON MagAO/Clio2. <i>Astrophysical Journal</i> , 2017, 834, 175.	4.5	59

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37	THE GEMINI NICI PLANET-FINDING CAMPAIGN: THE COMPANION DETECTION PIPELINE. <i>Astrophysical Journal</i> , 2013, 779, 80.	4.5	58
38	POLARIZED LIGHT IMAGING OF THE HD 142527 TRANSITION DISK WITH THE GEMINI PLANET IMAGER: DUST AROUND THE CLOSE-IN COMPANION. <i>Astrophysical Journal Letters</i> , 2014, 791, L37.	8.3	58
39	A KECK LGS AO SEARCH FOR BROWN DWARF AND PLANETARY MASS COMPANIONS TO UPPER SCORPIUS BROWN DWARFS. <i>Astrophysical Journal</i> , 2011, 730, 39.	4.5	55
40	Discovery of Nine New Companions to Nearby Young M Stars with the Altair AO System. <i>Astrophysical Journal</i> , 2007, 654, 558-569.	4.5	51
41	Discovery of a Tight Brown Dwarf Companion to the Low-Mass Star LHS 2397a. <i>Astrophysical Journal</i> , 2003, 584, 453-458.	4.5	51
42	A TENTATIVE DETECTION OF A STARSPOOT DURING CONSECUTIVE TRANSITS OF AN EXTRASOLAR PLANET FROM THE GROUND: NO EVIDENCE OF A DOUBLE TRANSITING PLANET SYSTEM AROUND TrES-1. <i>Astrophysical Journal</i> , 2009, 701, 756-763.	4.5	49
43	DISCOVERY AND VALIDATION OF A HIGH-DENSITY SUB-NEPTUNE FROM THE K2 MISSION. <i>Astrophysical Journal</i> , 2016, 830, 43.	4.5	49
44	An ALMA and MagAO Study of the Substellar Companion GQ Lup B [—] . <i>Astrophysical Journal</i> , 2017, 836, 223.	4.5	49
45	New Photometry and Spectra of AB Doradus C: An Accurate Mass Determination of a Young Low-Mass Object with Theoretical Evolutionary Tracks. <i>Astrophysical Journal</i> , 2007, 665, 736-743.	4.5	48
46	THE GRAY NEEDLE: LARGE GRAINS IN THE HD 15115 DEBRIS DISK FROM LBT/PISCES AND LBTI/LMIRcam ² ADAPTIVE OPTICS IMAGING. <i>Astrophysical Journal</i> , 2012, 752, 57.	4.5	45
47	ON THE MORPHOLOGY AND CHEMICAL COMPOSITION OF THE HR 4796A DEBRIS DISK. <i>Astrophysical Journal</i> , 2015, 798, 96.	4.5	45
48	A complete sample of wide binaries in the solar neighborhood. <i>Astronomical Journal</i> , 1990, 100, 1968.	4.7	45
49	First light for Hokupa'a: 36-element curvature AO system at UH. , 1998, 3353, 34.		44
50	The LEECH Exoplanet Imaging Survey: Limits on Planet Occurrence Rates under Conservative Assumptions. <i>Astronomical Journal</i> , 2018, 156, 286.	4.7	44
51	An Adaptive Optics Survey of M6.0-M7.5 Stars: Discovery of Three Very Low Mass Binary Systems Including Two Probable Hyades Members. <i>Astrophysical Journal</i> , 2003, 598, 1265-1276.	4.5	43
52	FOLLOW-UP OBSERVATIONS OF THE NEPTUNE MASS TRANSITING EXTRASOLAR PLANET HAT-P-11b. <i>Astrophysical Journal</i> , 2009, 699, L48-L51.	4.5	43
53	THE LEECH EXOPLANET IMAGING SURVEY: ORBIT AND COMPONENT MASSES OF THE INTERMEDIATE-AGE, LATE-TYPE BINARY NO UMa* . <i>Astrophysical Journal</i> , 2016, 818, 1.	4.5	41
54	First closed-loop visible AO test results for the advanced adaptive secondary AO system for the Magellan Telescope: MagAO's performance and status. <i>Proceedings of SPIE</i> , 2012, , .	0.8	40

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55	MagAO IMAGING OF LONG-PERIOD OBJECTS (MILO). I. A BENCHMARK M DWARF COMPANION EXCITING A MASSIVE PLANET AROUND THE SUN-LIKE STAR HD 7449*. <i>Astrophysical Journal</i> , 2016, 818, 106.	4.5	40
56	ON THE APPARENT ORBITAL INCLINATION CHANGE OF THE EXTRASOLAR TRANSITING PLANET TrES-2b. <i>Astrophysical Journal</i> , 2010, 714, 462-468.	4.5	38
57	First light of the 6.5-m MMT adaptive optics system. , 2003, , .		36
58	Discovery of a 66 mas Ultracool Binary with Laser Guide Star Adaptive Optics. <i>Astronomical Journal</i> , 2007, 133, 2320-2326.	4.7	36
59	SIRIUS B IMAGED IN THE MID-INFRARED: NO EVIDENCE FOR A REMNANT PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2011, 730, 53.	4.5	36
60	A novel simultaneous differential imager for the direct imaging of giant planets. , 2004, 5492, 970.		35
61	MAGELLAN AO SYSTEM γ S, AND L^2 OBSERVATIONS OF THE VERY WIDE 650 AU HD 106906 PLANETARY SYSTEM*. <i>Astrophysical Journal</i> , 2016, 823, 24.	4.5	35
62	A SEARCH FOR WIDE COMPANIONS TO THE EXTRASOLAR PLANETARY SYSTEM HR 8799. <i>Astrophysical Journal</i> , 2010, 709, 342-348.	4.5	35
63	A revised orbital ephemeris for HAT-P-9b. <i>New Astronomy</i> , 2012, 17, 438-441.	1.8	34
64	Gliese 569B: A Young Multiple Brown Dwarf System?. <i>Astrophysical Journal</i> , 2001, 554, L67-L70.	4.5	34
65	DIRECT EXOPLANET DETECTION WITH BINARY DIFFERENTIAL IMAGING. <i>Astrophysical Journal</i> , 2015, 811, 157.	4.5	33
66	MagAO-X: project status and first laboratory results. , 2018, , .		33
67	The Gemini NICI Planet-Finding Campaign: asymmetries in the HD 141569 disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 4446-4457.	4.4	32
68	The Gemini NICI Planet-Finding Campaign. <i>Proceedings of SPIE</i> , 2010, , .	0.8	31
69	DIRECT IMAGING IN THE HABITABLE ZONE AND THE PROBLEM OF ORBITAL MOTION. <i>Astrophysical Journal</i> , 2013, 771, 10.	4.5	31
70	Hubble Space Telescope UV and $H\alpha$ Measurements of the Accretion Excess Emission from the Young Giant Planet PDS 70 b. <i>Astronomical Journal</i> , 2021, 161, 244.	4.7	31
71	Evidence for Misaligned Disks in the T Tauri Triple System: $10 \frac{1}{4}$ m Superresolution with MMTAO and Markov Chains1. <i>Astrophysical Journal</i> , 2008, 676, 1082-1087.	4.5	30
72	MagAO: Status and on-sky performance of the Magellan adaptive optics system. <i>Proceedings of SPIE</i> , 2014, , .	0.8	30

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73	Performance of the near-infrared coronagraphic imager on Gemini-South. Proceedings of SPIE, 2008, , .	0.8	29
74	PG 1700+518 Revisited: Adaptive-Optics Imaging and a Revised Starburst Age for the Companion. Astrophysical Journal, 1998, 500, L121-L127.	4.5	29
75	Suppressing speckle noise for simultaneous differential extrasolar planet imaging (SDI) at the VLT and MMT. , 2004, , .		27
76	NACO-SDI Direct Imaging Search for the Exoplanet α Eri b. Astronomical Journal, 2007, 133, 2442-2456.	4.7	26
77	Mid-Infrared Imaging of the Post-Asymptotic Giant Branch Star AC Herculis with the Multiple Mirror Telescope Adaptive Optics System. Astrophysical Journal, 2003, 598, L35-L38.	4.5	23
78	NEW EXTINCTION AND MASS ESTIMATES FROM OPTICAL PHOTOMETRY OF THE VERY LOW MASS BROWN DWARF COMPANION CT CHAMAELEONTIS B WITH THE MAGELLAN AO SYSTEM. Astrophysical Journal, 2015, 801, 4.	4.5	23
79	An Explanation of the Very Low Radio Flux of Young Planet-mass Companions. Astronomical Journal, 2017, 154, 234.	4.7	23
80	Towards first light of the 6.5m MMT adaptive optics system with deformable secondary mirror. , 2003, , .		22
81	The Gemini NIRC2 planet-finding campaign: The offset ring of HR 4796 A. Astronomy and Astrophysics, 2014, 567, A34.	5.1	22
82	THE ABSOLUTE AGE OF THE GLOBULAR CLUSTER M15 USING NEAR-INFRARED ADAPTIVE OPTICS IMAGES FROM PISCES/LBT. Astrophysical Journal, 2015, 812, 25.	4.5	22
83	NEW EXTINCTION AND MASS ESTIMATES OF THE LOW-MASS COMPANION 1RXS 1609 B WITH THE MAGELLAN AO SYSTEM: EVIDENCE OF AN INCLINED DUST DISK. Astrophysical Journal Letters, 2015, 807, L13.	8.3	22
84	NEW SPATIALLY RESOLVED OBSERVATIONS OF THE T Cha TRANSITION DISK AND CONSTRAINTS ON THE PREVIOUSLY CLAIMED SUBSTELLAR COMPANION. Astrophysical Journal, 2015, 801, 85.	4.5	21
85	The TWA 3 Young Triple System: Orbits, Disks, Evolution. Astrophysical Journal, 2017, 844, 168.	4.5	20
86	Dense Molecular Gas in a Young Cluster around MWC 1080: Rule of the Massive Star. Astrophysical Journal, 2008, 673, 315-330.	4.5	16
87	The Magellan Telescope Adaptive Secondary AO System: a visible and mid-IR AO facility. Proceedings of SPIE, 2010, , .	0.8	16
88	Design, Implementation, and On-Sky Performance of an Advanced Apochromatic Triplet Atmospheric Dispersion Corrector for the Magellan Adaptive Optics System and VisAO Camera. Publications of the Astronomical Society of the Pacific, 2013, 125, 966-975.	3.1	14
89	The Multiplicity of M Dwarfs in Young Moving Groups. Astrophysical Journal, 2017, 846, 93.	4.5	14
90	Spatial linear dark field control and holographic modal wavefront sensing with a vAPP coronagraph on MagAO-X. Journal of Astronomical Telescopes, Instruments, and Systems, 2019, 5, 1.	1.8	14

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91	A High-Resolution Polarimetry Map of the Circumbinary Disk around UY Aurigae. <i>Astrophysical Journal</i> , 2000, 540, 422-428.	4.5	13
92	ISM DUST GRAINS AND N-BAND SPECTRAL VARIABILITY IN THE SPATIALLY RESOLVED SUBARCSECOND BINARY UY Aur,,. <i>Astrophysical Journal</i> , 2010, 711, 1280-1290.	4.5	13
93	THE FIRST CIRCUMSTELLAR DISK IMAGED IN SILHOUETTE AT VISIBLE WAVELENGTHS WITH ADAPTIVE OPTICS: MagAO IMAGING OF ORION 218-354. <i>Astrophysical Journal Letters</i> , 2013, 775, L13.	8.3	13
94	Minimum variance control for mitigation of vibrations in adaptive optics systems. <i>Applied Optics</i> , 2017, 56, 5388.	2.1	13
95	Resolving the Dusty Circumstellar Structure of the Enigmatic Symbiotic Star CH Cygni with the MMT Adaptive Optics System. <i>Astrophysical Journal</i> , 2006, 647, 464-470.	4.5	12
96	MagAO: status and science. <i>Proceedings of SPIE</i> , 2016, , .	0.8	12
97	The Separation and H α Contrasts of Massive Accreting Planets in the Gaps of Transitional Disks: Predicted H α Protoplanet Yields for Adaptive Optics Surveys. <i>Astronomical Journal</i> , 2020, 160, 221.	4.7	12
98	Improved Orbital Constraints and H α Photometric Monitoring of the Directly Imaged Protoplanet Analog HD 142527 B. <i>Astronomical Journal</i> , 2022, 164, 29.	4.7	12
99	NICI: combining coronagraphy, ADI, and SDI. <i>Proceedings of SPIE</i> , 2008, , .	0.8	11
100	A Direct Measurement of Atmospheric Dispersion in N -band Spectra: Implications for Mid-IR Systems on ELTs. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 897-904.	3.1	11
101	High contrast imaging at the LBT: the LEECH exoplanet imaging survey. <i>Proceedings of SPIE</i> , 2014, , .	0.8	11
102	Multiwavelength observations of NaSt 1 (WR \hat{A} 122): equatorial mass loss and X-rays from an interacting Wolf-Rayet binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2551-2563.	4.4	11
103	Spectroscopic and Morphological Evidence That IRAS FSC 10214+4724 Is a Gravitational Lens. <i>Astrophysical Journal</i> , 1995, 452, .	4.5	10
104	DUST GRAIN EVOLUTION IN SPATIALLY RESOLVED T TAURI BINARIES. <i>Astrophysical Journal</i> , 2011, 740, 43.	4.5	10
105	Into the blue: AO science with MagAO in the visible. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
106	Imaging protoplanets: observing transition disks with non-redundant masking. <i>Proceedings of SPIE</i> , 2016, , .	0.8	10
107	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
108	Direct imaging of exoplanets in the habitable zone with adaptive optics. <i>Proceedings of SPIE</i> , 2014, , .	0.8	9

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109	Laser-Guide-Star Satellite for Ground-Based Adaptive Optics Imaging of Geosynchronous Satellites. Journal of Spacecraft and Rockets, 2017, 54, 621-639.	1.9	9
110	General Relativistic Flux Modulations in the Galactic Center Black Hole Candidate Sagittarius A*. Astrophysical Journal, 1995, 448, .	4.5	9
111	The path to visible extreme adaptive optics with MagAO-2K and MagAO-X. , 2016, , .		9
112	ALMA Discovery of a Disk around the Planetary-mass Companion SR 12 c. Astrophysical Journal Letters, 2022, 930, L3.	8.3	9
113	The Magellan Telescope adaptive secondary AO system. Proceedings of SPIE, 2008, , .	0.8	8
114	NACO-SDI: A Novel Simultaneous Differential Imager for the Direct Imaging of Giant Extra-Solar Planets. , 0, , 46-52.		8
115	Optical and mechanical design of the extreme AO coronagraphic instrument MagAO-X. , 2018, , .		8
116	L-BAND SPECTROSCOPY WITH MAGELLAN-AO/Clio2: FIRST RESULTS ON YOUNGLOW-MASS COMPANIONS. Astrophysical Journal, 2016, 829, 39.	4.5	8
117	<title>Review of published galactic and solar system science: a bright future for adaptive optics science</title>. , 2000, , .		7
118	<title>MACAO and its application for the VLT interferometer</title>. , 2000, , .		7
119	The Magellan Adaptive Secondary VisAO Camera: diffraction-limited broadband visible imaging and 20mas fiber array IFU. Proceedings of SPIE, 2010, , .	0.8	7
120	Optical calibration and performance of the adaptive secondary mirror at the Magellan telescope. Scientific Reports, 2018, 8, 10835.	3.3	7
121	Infrared photometry of the black hole candidate Sagittarius A*. Astrophysical Journal, 1995, 439, 682.	4.5	7
122	<title>FASTTRAC II near-IR adaptive optics system for the Multiple Mirror Telescope: description and preliminary results</title>. , 1995, 2534, 2.		6
123	Guiding on the edge (V~19): results from an AO survey of very low mass stars searching for extremely faint companions. , 2003, 4839, 114.		6
124	Advancements of the optical vortex coronagraph. Proceedings of SPIE, 2007, , .	0.8	6
125	An advanced atmospheric dispersion corrector for extreme AO. , 2008, , .		6
126	FOUR DECADES OF IRC +10216: EVOLUTION OF A CARBON-RICH DUST SHELL RESOLVED AT 10 $\hat{1}$ / ₄ m WITH MMT ADAPTIVE OPTICS AND MIRAC4</sup>. Astrophysical Journal, 2012, 744, 133.	4.5	6

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127	Scientific results from the University of Hawaii: adaptive problems well suited to AO techniques. , 1998, 3353, 406.		5
128	Review of published adaptive optics science: a bright future for adaptive optics. , 2003, , .		5
129	Exoplanet imaging with the Giant Magellan Telescope. , 2006, 6267, 777.		5
130	A high-Strehl low-resolution optical imager (BESSEL): Detection of a 0.7 λ /D separation binary from the ground. New Astronomy, 2008, 13, 359-369.	1.8	5
131	Observing strategies for the NICI campaign to directly image extrasolar planets. , 2008, , .		5
132	On-sky demonstration of the GMT dispersed fringe phasing sensor prototype on the Magellan Telescope. , 2016, , .		5
133	MagAO IMAGING OF LONG-PERIOD OBJECTS (MILO). II. A PUZZLING WHITE DWARF AROUND THE SUN-LIKE STAR HD 11112. Astrophysical Journal, 2016, 831, 177.	4.5	5
134	High-contrast observations of brown dwarf companion HR 2562 B with the vector Apodizing Phase Plate coronagraph. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3224-3238.	4.4	5
135	Modeling coronagraphic extreme wavefront control systems for high contrast imaging in ground and space telescope missions. , 2018, , .		5
136	Suppressing Speckle Noise for Simultaneous Differential Extrasolar Planet Imaging (SDI) at the VLT and MMT. Proceedings of the International Astronomical Union, 2005, 1, 571-576.	0.0	4
137	Contrast limits with the Simultaneous Differential Extrasolar Planet Imager (SDI) at the VLT and MMT. , 2006, 6272, 786.		4
138	The Gemini NICI Planet-Finding Campaign. , 2009, , .		4
139	A Multiwavelength Differential Imaging Experiment for the High Contrast Imaging Testbed. Publications of the Astronomical Society of the Pacific, 2009, 121, 716-727.	3.1	4
140	A giant surprise. Nature, 2010, 468, 1048-1049.	27.8	4
141	Frame selection techniques for the Magellan adaptive optics VisAO camera. , 2010, , .		4
142	Laboratory demonstration of real time frame selection with Magellan AO. Proceedings of SPIE, 2012, , .	0.8	4
143	Resolving the H α -emitting Region in the Wind of β Carinae. Astrophysical Journal Letters, 2017, 841, L7.	8.3	4
144	The Intricate Structure of HH 508, the Brightest Microjet in the Orion Nebula. Astrophysical Journal, 2018, 854, 144.	4.5	4

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145	A Wide-orbit Exoplanet OGLE-2012-BLG-0838Lb. <i>Astronomical Journal</i> , 2020, 159, 261.	4.7	4
146	<title>Search for asteroidal satellites using adaptive optics</title>. , 2000, , .		3
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