Laird M Close

List of Publications by Year
in descending order

194	6,066	76326	106344
papers	citations	40 h-index	65 g-index

196	196	196	2942
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ALMA Discovery of a Disk around the Planetary-mass Companion SR 12 c. Astrophysical Journal Letters, 2022, 930, L3.	8.3	9
2	Phasing the Giant Magellan Telescope with the holographic dispersed fringe sensor. Journal of Astronomical Telescopes, Instruments, and Systems, 2022, 8, .	1.8	3
3	Lab tests of segment/petal phasing with a pyramid wavefront sensor and a holographic dispersed fringe sensor in turbulence with the Giant Magellan Telescope high contrast adaptive optics phasing testbed. Journal of Astronomical Telescopes, Instruments, and Systems, 2022, 8, .	1.8	0
4	Improved Orbital Constraints and HÎ± Photometric Monitoring of the Directly Imaged Protoplanet Analog HD 142527 B. Astronomical Journal, 2022, 164, 29.	4.7	12
5	OGLE-2007-BLG-224L: A Direct Test of Terrestrial Parallax. Astrophysical Journal, 2021, 908, 240.	4.5	2
6	MagAO Observations of the Binary Microlens OGLE-2014-BLG-1050 Prefer the Higher-mass Solution*. Astronomical Journal, 2021, 161, 113.	4.7	0
7	Hubble Space Telescope UV and HÎ± Measurements of the Accretion Excess Emission from the Young Giant Planet PDS 70 b. Astronomical Journal, 2021, 161, 244.	4.7	31
8	High-contrast observations of brown dwarf companion HRÂ2562ÂB with the vector Apodizing Phase Plate coronagraph. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3224-3238.	4.4	5
9	A Wide-orbit Exoplanet OGLE-2012-BLG-0838Lb. Astronomical Journal, 2020, 159, 261.	4.7	4
10	The Separation and HÎ± Contrasts of Massive Accreting Planets in the Gaps of Transitional Disks: Predicted HÎ± Protoplanet Yields for Adaptive Optics Surveys. Astronomical Journal, 2020, 160, 221.	4.7	12
11	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
12	New Spatially Resolved Imaging of the SR 21 Transition Disk and Constraints on the Small-grain Disk Geometry. Astrophysical Journal, 2019, 883, 100.	4.5	10
13	The Orbit of the Companion to HD 100453A: Binary-driven Spiral Arms in a Protoplanetary Disk. Astrophysical Journal, 2018, 854, 130.	4.5	62
14	The Intricate Structure of HH 508, the Brightest Microjet in the Orion Nebula. Astrophysical Journal, 2018, 854, 144.	4.5	4
15	The LEECH Exoplanet Imaging Survey: Limits on Planet Occurrence Rates under Conservative Assumptions. Astronomical Journal, 2018, 156, 286.	4.7	44
16	Magellan Adaptive Optics Imaging of PDS 70: Measuring the Mass Accretion Rate of a Young Giant Planet within a Gapped Disk. Astrophysical Journal Letters, 2018, 863, L8.	8.3	107
17	Optical calibration and performance of the adaptive secondary mirror at the Magellan telescope. Scientific Reports, 2018, 8, 10835.	3.3	7
18	Optical and mechanical design of the extreme AO coronagraphic instrument MagAO-X. , 2018, , .		8

#	Article	IF	Citations
19	The hunt for Sirius Ab: comparison of algorithmic sky and PSF estimation performance in deep coronagraphic thermal-IR high contrast imaging. , 2018, , .		3
20	MagAO-X: project status and first laboratory results. , 2018, , .		33
21	Preliminary on-sky results of the next generation GMT phasing sensor prototype. , 2018, , .		3
22	Surveying the Epsilon Eridani system Using MagAO. , 2018, , .		0
23	Design of the MagAO-X pyramid wavefront sensor. , 2018, , .		0
24	A locking clamp that enables high thermal and vibrational stability for kinematic optical mounts. , 2018, , .		1
25	SHARK-NIR: the coronagraphic camera for LBT in the AIV phase at INAF-Padova. , 2018, , .		0
26	Modeling coronagraphic extreme wavefront control systems for high contrast imaging in ground and space telescope missions. , 2018, , .		5
27	Status of MagAO and review of astronomical science with visible light adaptive optics. , 2018, , .		3
28	Optical field/pupil rotator with a novel compact K-mirror for MagAO-X. , 2018, , .		2
29	Focal plane wavefront sensing and control strategies for high-contrast imaging on the MagAO-X instrument. , 2018, , .		2
30	ON-SKY PERFORMANCE ANALYSIS OF THE VECTOR APODIZING PHASE PLATE CORONAGRAPH ON MagAO/Clio2. Astrophysical Journal, 2017, 834, 175.	4.5	59
31	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
32	Resolving the HÎ±-emitting Region in the Wind of Î· Carinae. Astrophysical Journal Letters, 2017, 841, L7.	8.3	4
33	An Optical/Near-infrared Investigation of HD 100546 b with the Gemini Planet Imager and MagAO. Astronomical Journal, 2017, 153, 244.	4.7	81
34	The Multiplicity of M Dwarfs in Young Moving Groups. Astrophysical Journal, 2017, 846, 93.	4.5	14
35	The TWA 3 Young Triple System: Orbits, Disks, Evolution. Astrophysical Journal, 2017, 844, 168.	4.5	20
36	Radar observations and shape model of asteroid 16 Psyche. Icarus, 2017, 281, 388-403.	2.5	87

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37	An Explanation of the Very Low Radio Flux of Young Planet-mass Companions. Astronomical Journal, 2017, 154, 234.	4.7	23
38	An ALMA and MagAO Study of the Substellar Companion GQ Lup B^{â^—}. Astrophysical Journal, 2017, 836, 223.	4.5	49
39	Complex Spiral Structure in the HD 100546 Transitional Disk as Revealed by GPI and MagAO. Astronomical Journal, 2017, 153, 264.	4.7	99
40	Minimum variance control for mitigation of vibrations in adaptive optics systems. Applied Optics, 2017, 56, 5388.	2.1	13
41	Phasing the GMT with a next generation e-APD dispersed fringe sensor: design and on-sky prototyping. , 2017, , .		2
42	MAGELLAN AO SYSTEM zâ€², Y_S, AND Lâ€² OBSERVATIONS OF THE VERY WIDE 650 AU HD 106906 PLANETARY SYSTEM*. Astrophysical Journal, 2016, 823, 24.	4.5	35
43	Imaging protoplanets: observing transition disks with non-redundant masking. Proceedings of SPIE, 2016, , .	0.8	10
44	MagAO: status and science. Proceedings of SPIE, 2016, , .	0.8	12
45	MagAO IMAGING OF LONG-PERIOD OBJECTS (MILO). I. A BENCHMARK M DWARF COMPANION EXCITING A MASSIVE PLANET AROUND THE SUN-LIKE STAR HD 7449*. Astrophysical Journal, 2016, 818, 106.	4.5	40
46	A review of astronomical science with visible light adaptive optics. Proceedings of SPIE, 2016, , .	0.8	1
47	On-sky demonstration of the GMT dispersed fringe phasing sensor prototype on the Magellan Telescope. , 2016, , .		5
48	THE LEECH EXOPLANET IMAGING SURVEY: CHARACTERIZATION OF THE COLDEST DIRECTLY IMAGED EXOPLANET, GJ 504 b, AND EVIDENCE FOR SUPERSTELLAR METALLICITY*. Astrophysical Journal, 2016, 817, 166.	4.5	68
49	DISCOVERY AND VALIDATION OF A HIGH-DENSITY SUB-NEPTUNE FROM THE K2 MISSION. Astrophysical Journal, 2016, 830, 43.	4.5	49
50	Vibrations in MagAO: frequency-based analysis of on-sky data, resonance sources identification, and future challenges in vibrations mitigation. Proceedings of SPIE, 2016, , .	0.8	1
51	SHARK-NIR: from K-band to a key instrument, a status update. , 2016, , .		3
52	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
53	THE LEECH EXOPLANET IMAGING SURVEY: ORBIT AND COMPONENT MASSES OF THE INTERMEDIATE-AGE, LATE-TYPE BINARY NO UMa* â€. Astrophysical Journal, 2016, 818, 1.	4.5	41
54	High-contrast imaging in the cloud with klipReduce and Findr. Proceedings of SPIE, 2016, , .	0.8	1

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55	The path to visible extreme adaptive optics with MagAO-2K and MagAO-X. , 2016, , .		9
56	L-BAND SPECTROSCOPY WITH MAGELLAN-AO/Clio2: FIRST RESULTS ON YOUNGLOW-MASS COMPANIONS. Astrophysical Journal, 2016, 829, 39.	4.5	8
57	ADAPTIVE OPTICS IMAGING OF VHSÂ1256â€“1257: A LOW MASS COMPANION TO A BROWN DWARF BINARY SYSTEM. Astrophysical Journal Letters, 2016, 818, L12.	8.3	61
58	Vibrations in MagAO: resonance sources identification and first approaches for modeling and control. Proceedings of SPIE, 2016, , .	0.8	0
59	Mapping the Distributions of Exoplanet Populations with NICI and GPI. Proceedings of the International Astronomical Union, 2015, 10, 220-225.	0.0	0
60	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
61	DIRECT EXOPLANET DETECTION WITH BINARY DIFFERENTIAL IMAGING. Astrophysical Journal, 2015, 811, 157.	4.5	33
62	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
63	MAGELLAN ADAPTIVE OPTICS FIRST-LIGHT OBSERVATIONS OF THE EXOPLANETÎ²PIC b. II. 3â€“5Î¼m DIRECT IMAGING WITH MagAO+Clio, AND THE EMPIRICAL BOLOMETRIC LUMINOSITY OF A SELF-LUMINOUS GIANT PLANET. Astrophysical Journal, 2015, 815, 108.	4.5	104
64	The Gemini NICI Planet-Finding Campaign: asymmetries in the HD 141569 disc. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4446-4457.	4.4	32
65	Multiwavelength observations of NaSt1 (WRÂ122): equatorial mass loss and X-rays from an interacting Wolfâ€“Rayet binary. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2551-2563.	4.4	11
66	SEEDS ADAPTIVE OPTICS IMAGING OF THE ASYMMETRIC TRANSITION DISK OPH IRS 48 IN SCATTERED LIGHT. Astrophysical Journal, 2015, 798, 132.	4.5	59
67	ON THE MORPHOLOGY AND CHEMICAL COMPOSITION OF THE HR 4796A DEBRIS DISK. Astrophysical Journal, 2015, 798, 96.	4.5	45
68	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
69	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
70	Direct imaging of exoplanets in the habitable zone with adaptive optics. Proceedings of SPIE, 2014, , .	0.8	9
71	High contrast imaging at the LBT: the LEECH exoplanet imaging survey. Proceedings of SPIE, 2014, , .	0.8	11
72	Results from the Gemini NICI Planet-Finding Campaign. , 2014, , .		2

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73	MagAO: Status and on-sky performance of the Magellan adaptive optics system. Proceedings of SPIE, 2014, , .	0.8	30
74	Into the blue: AO science with MagAO in the visible. Proceedings of SPIE, 2014, , .	0.8	10
75	MAGELLAN ADAPTIVE OPTICS FIRST-LIGHT OBSERVATIONS OF THE EXOPLANET Î² PIC b. I. DIRECT IMAGING IN THE FAR-RED OPTICAL WITH MagAO+VisAO AND IN THE NEAR-IR WITH NICI[,]. Astrophysical Journal, 2014, 786, 32.	4.5	88
76	THE GEMINI NICI PLANET-FINDING CAMPAIGN: THE ORBIT OF THE YOUNG EXOPLANET Î² PICTORIS b. Astrophysical Journal, 2014, 794, 158.	4.5	59
77	DIRECTLY IMAGED L-T TRANSITION EXOPLANETS IN THE MID-INFRARED[,]. Astrophysical Journal, 2014, 792, 17.	4.5	112
78	HD 106906 b: A PLANETARY-MASS COMPANION OUTSIDE A MASSIVE DEBRIS DISK. Astrophysical Journal Letters, 2014, 780, L4.	8.3	143
79	POLARIZED LIGHT IMAGING OF THE HD 142527 TRANSITION DISK WITH THE GEMINI PLANET IMAGER: DUST AROUND THE CLOSE-IN COMPANION. Astrophysical Journal Letters, 2014, 791, L37.	8.3	58
80	AN ENIGMATIC POINT-LIKE FEATURE WITHIN THE HD 169142 TRANSITIONAL DISK,. Astrophysical Journal Letters, 2014, 792, L22.	8.3	119
81	The Gemini NICI planet-finding campaign: The offset ring of HR 4796 A. Astronomy and Astrophysics, 2014, 567, A34.	5.1	22
82	SHARK (System for coronagraphy with High order Adaptive optics from R to K band): a proposal for the LBT 2nd generation instrumentation. Proceedings of SPIE, 2014, , .	0.8	3
83	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
84	THE GEMINI NICI PLANET-FINDING CAMPAIGN: THE FREQUENCY OF GIANT PLANETS AROUND YOUNG B AND A STARS. Astrophysical Journal, 2013, 776, 4.	4.5	138
85	THE GEMINI/NICI PLANET-FINDING CAMPAIGN: THE FREQUENCY OF PLANETS AROUND YOUNG MOVING GROUP STARS. Astrophysical Journal, 2013, 777, 160.	4.5	176
86	DIRECT IMAGING IN THE HABITABLE ZONE AND THE PROBLEM OF ORBITAL MOTION. Astrophysical Journal, 2013, 771, 10.	4.5	31
87	THE FIRST CIRCUMSTELLAR DISK IMAGED IN SILHOUETTE AT VISIBLE WAVELENGTHS WITH ADAPTIVE OPTICS: MagAO IMAGING OF ORION 218-354. Astrophysical Journal Letters, 2013, 775, L13.	8.3	13
88	THE GEMINI NICI PLANET-FINDING CAMPAIGN: THE COMPANION DETECTION PIPELINE. Astrophysical Journal, 2013, 779, 80.	4.5	58
89	MAPPINGH-BAND SCATTERED LIGHT EMISSION IN THE MYSTERIOUS SR21 TRANSITIONAL DISK. Astrophysical Journal, 2013, 767, 10.	4.5	66
90	THE GEMINI PLANET-FINDING CAMPAIGN: THE FREQUENCY OF GIANT PLANETS AROUND DEBRIS DISK STARS. Astrophysical Journal, 2013, 773, 179.	4.5	97

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91	High Contrast Imaging of an Exoplanet with the Magellan VisAO Camera. Proceedings of the International Astronomical Union, 2013, 8, 46-47.	0.0	1
92	Visible Light Adaptive Optics Imaging of the Orion 218-354 Silhouette Disk. Proceedings of the International Astronomical Union, 2013, 8, 159-160.	0.0	0
93	Direct imaging of Beta Pictoris b with first-light Magellan Adaptive Optics. Proceedings of the International Astronomical Union, 2013, 8, 252-256.	0.0	1
94	LEECH: A 100 Night Exoplanet Imaging Survey at the LBT. Proceedings of the International Astronomical Union, 2013, 8, 70-71.	0.0	2
95	Status update and closed-loop performance of the Magellan adaptive optics VisAO camera. Proceedings of SPIE, 2012, , .	0.8	2
96	High-contrast imaging in the Hyades with snapshot LOCI. Proceedings of SPIE, 2012, , .	0.8	2
97	First closed-loop visible AO test results for the advanced adaptive secondary AO system for the Magellan Telescope: MagAO's performance and status. Proceedings of SPIE, 2012, , .	0.8	40
98	Laboratory demonstration of real time frame selection with Magellan AO. Proceedings of SPIE, 2012, , .	0.8	4
99	FOUR DECADES OF IRC +10216: EVOLUTION OF A CARBON-RICH DUST SHELL RESOLVED AT 10 Î¼m WITH MMT ADAPTIVE OPTICS AND MIRAC4[,][,]. Astrophysical Journal, 2012, 744, 133.	4.5	6
100	THE GEMINI NICI PLANET-FINDING CAMPAIGN: DISCOVERY OF A MULTIPLE SYSTEM ORBITING THE YOUNG A STAR HD 1160. Astrophysical Journal, 2012, 750, 53.	4.5	70
101	THE GRAY NEEDLE: LARGE GRAINS IN THE HD 15115 DEBRIS DISK FROM LBT/PISCES/KsAND LBTI /LMIRcam/Lâ€² ADAPTIVE OPTICS IMAGING. Astrophysical Journal, 2012, 752, 57.	4.5	45
102	FIRST LIGHT LBT AO IMAGES OF HR 8799 bcde AT 1.6 AND 3.3 Î¼m: NEW DISCREPANCIES BETWEEN YOUNG PLANETS AND OLD BROWN DWARFS. Astrophysical Journal, 2012, 753, 14.	4.5	152
103	A revised orbital ephemeris for HAT-P-9b. New Astronomy, 2012, 17, 438-441.	1.8	34
104	DUST GRAIN EVOLUTION IN SPATIALLY RESOLVED T TAURI BINARIES. Astrophysical Journal, 2011, 740, 43.	4.5	10
105	SIRIUS B IMAGED IN THE MID-INFRARED: NO EVIDENCE FOR A REMNANT PLANETARY SYSTEM. Astrophysical Journal, 2011, 730, 53.	4.5	36
106	A KECK LGS AO SEARCH FOR BROWN DWARF AND PLANETARY MASS COMPANIONS TO UPPER SCORPIUS BROWN DWARFS. Astrophysical Journal, 2011, 730, 39.	4.5	55
107	EVIDENCE AGAINST AN EDGE-ON DISK AROUND THE EXTRASOLAR PLANET, 2MASS 1207 b AND A NEW THICK-CLOUD EXPLANATION FOR ITS UNDERLUMINOSITY[,][,]. Astrophysical Journal, 2011, 732, 107.	4.5	82
108	THE GEMINI NICI PLANET-FINDING CAMPAIGN: DISCOVERY OF A SUBSTELLAR L DWARF COMPANION TO THE NEARBY YOUNG M DWARF CDâ€“35 2722. Astrophysical Journal, 2011, 729, 139.	4.5	119

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109	The first VisAO-fed integral field spectrograph: VisAO IFS. Proceedings of SPIE, 2010, , .	0.8	2
110	THE GEMINI NICI PLANET-FINDING CAMPAIGN: DISCOVERY OF A CLOSE SUBSTELLAR COMPANION TO THE YOUNG DEBRIS DISK STAR PZ Tel. Astrophysical Journal Letters, 2010, 720, L82-L87.	8.3	112
111	ON THE APPARENT ORBITAL INCLINATION CHANGE OF THE EXTRASOLAR TRANSITING PLANET TrES-2b. Astrophysical Journal, 2010, 714, 462-468.	4.5	38
112	ISM DUST GRAINS ANDN-BAND SPECTRAL VARIABILITY IN THE SPATIALLY RESOLVED SUBARCSECOND BINARY UY Aur,,. Astrophysical Journal, 2010, 711, 1280-1290.	4.5	13
113	A giant surprise. Nature, 2010, 468, 1048-1049.	27.8	4
114	A UNIFORM ANALYSIS OF 118 STARS WITH HIGH-CONTRAST IMAGING: LONG-PERIOD EXTRASOLAR GIANT PLANETS ARE RARE AROUND SUN-LIKE STARS. Astrophysical Journal, 2010, 717, 878-896.	4.5	101
115	The Magellan Telescope Adaptive Secondary AO System: a visible and mid-IR AO facility. Proceedings of SPIE, 2010, , .	0.8	16
116	Frame selection techniques for the Magellan adaptive optics VisAO camera. , 2010, , .		4
117	The Magellan Adaptive Secondary VisAO Camera: diffraction-limited broadband visible imaging and 20mas fiber array IFU. Proceedings of SPIE, 2010, , .	0.8	7
118	The Gemini NICI Planet-Finding Campaign. Proceedings of SPIE, 2010, , .	0.8	31
119	A SEARCH FOR WIDE COMPANIONS TO THE EXTRASOLAR PLANETARY SYSTEM HR 8799. Astrophysical Journal, 2010, 709, 342-348.	4.5	35
120	FOLLOW-UP OBSERVATIONS OF THE NEPTUNE MASS TRANSITING EXTRASOLAR PLANET HAT-P-11b. Astrophysical Journal, 2009, 699, L48-L51.	4.5	43
121	The Gemini NICI Planet-Finding Campaign. , 2009, , .		4
122	Observing Strategies for the NICI Campaign to Directly Image Extrasolar Planets. , 2009, , .		1
123	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
124	A Direct Measurement of Atmospheric Dispersion inN-band Spectra: Implications for Mid-IR Systems on ELTs1. Publications of the Astronomical Society of the Pacific, 2009, 121, 897-904.	3.1	11
125	Enabling technologies for visible adaptive optics: the Magellan adaptive secondary VisAO camera. Proceedings of SPIE, 2009, , .	0.8	3
126	A TENTATIVE DETECTION OF A STARSPOT DURING CONSECUTIVE TRANSITS OF AN EXTRASOLAR PLANET FROM THE GROUND: NO EVIDENCE OF A DOUBLE TRANSITING PLANET SYSTEM AROUND TrES-1. Astrophysical Journal, 2009, 701, 756-763.	4.5	49

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127	A high-Strehl low-resolution optical imager (BESSEL): Detection of a 0.7Î»/D separation binary from the ground. New Astronomy, 2008, 13, 359-369.	1.8	5
128	Astronomical demonstration of an optical vortex coronagraph. Optics Express, 2008, 16, 10200.	3.4	175
129	Performance of the near-infrared coronagraphic imager on Gemini-South. Proceedings of SPIE, 2008, , .	0.8	29
130	NICI: combining coronagraphy, ADI, and SDI. Proceedings of SPIE, 2008, , .	0.8	11
131	The Magellan Telescope adaptive secondary AO system. Proceedings of SPIE, 2008, , .	0.8	8
132	An advanced atmospheric dispersion corrector for extreme AO. , 2008, , .		6
133	A high-Strehl low-resolution optical imager (BESSEL): a measurement of the inner scale of turbulence. , 2008, , .		0
134	Observing strategies for the NICI campaign to directly image extrasolar planets. , 2008, , .		5
135	Dense Molecular Gas in a Young Cluster around MWC 1080: Rule of the Massive Star. Astrophysical Journal, 2008, 673, 315-330.	4.5	16
136	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. Astrophysical Journal, 2008, 674, 466-481.	4.5	94
137	Evidence for Misaligned Disks in the T Tauri Triple System: 10 Î¼m Superresolution with MMTAO and Markov Chains1. Astrophysical Journal, 2008, 676, 1082-1087.	4.5	30
138	Advancements of the optical vortex coronagraph. Proceedings of SPIE, 2007, , .	0.8	6
139	Discovery of a 66 mas Ultracool Binary with Laser Guide Star Adaptive Optics. Astronomical Journal, 2007, 133, 2320-2326.	4.7	36
140	An Imaging Survey for Extrasolar Planets around 45 Close, Young Stars with the Simultaneous Differential Imager at the Very Large Telescope and MMT. Astrophysical Journal, Supplement Series, 2007, 173, 143-165.	7.7	138
141	Discovery of Nine New Companions to Nearby Young M Stars with the Altair AO System. Astrophysical Journal, 2007, 654, 558-569.	4.5	51
142	New Photometry and Spectra of AB Doradus C: An Accurate Mass Determination of a Young Lowâ€Mass Object with Theoretical Evolutionary Tracks. Astrophysical Journal, 2007, 665, 736-743.	4.5	48
143	The Wide Brown Dwarf Binary Oph 1622â˜’2405 and Discovery of a Wide, Lowâ€Mass Binary in Ophiuchus (Oph 1623â˜’2402): A New Class of Young Evaporating Wide Binaries?. Astrophysical Journal, 2007, 660, 1492-1506.	4.5	106
144	NACO-SDI Direct Imaging Search for the Exoplanet âˆ Eri b. Astronomical Journal, 2007, 133, 2442-2456.	4.7	26

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145	Very high contrast integral field spectroscopy of AB Doradus C: 9-mag contrast at 0.2â€ƒarcsec without a coronagraph using spectral deconvolutionâ€. Monthly Notices of the Royal Astronomical Society, 2007, 378, 1229-1236.	4.4	75
146	Resolving the Dusty Circumstellar Structure of the Enigmatic Symbiotic Star CH Cygni with the MMT Adaptive Optics System. Astrophysical Journal, 2006, 647, 464-470.	4.5	12
147	A reflective Gaussian coronagraph for ExAO: laboratory performance. , 2006, , .		0
148	Contrast limits with the Simultaneous Differential Extrasolar Planet Imager (SDI) at the VLT and MMT. , 2006, 6272, 786.		4
149	Exoplanet imaging with the Giant Magellan Telescope. , 2006, 6267, 777.		5
150	Discovery of Two Very Low Mass Binaries: Final Results of an Adaptive Optics Survey of Nearby M6.0â€“M7.5 Stars. Astrophysical Journal, 2005, 621, 1023-1032.	4.5	87
151	A Survey of Close, Young Stars with SDI at the VLT and MMT. Proceedings of the International Astronomical Union, 2005, 1, 53-60.	0.0	0
152	Ground-based direct imaging of extra-solar planets supported by AO. Proceedings of the International Astronomical Union, 2005, 1, 501-506.	0.0	2
153	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
154	A dynamical calibration of the massâ€“luminosity relation at very low stellar masses and young ages. Nature, 2005, 433, 286-289.	27.8	138
155	A novel simultaneous differential imager for the direct imaging of giant planets. , 2004, 5492, 970.		35
156	Suppressing speckle noise for simultaneous differential extrasolar planet imaging (SDI) at the VLT and MMT. , 2004, , .		27
157	PEPPER: a photometer designed for the direct detection of extrasolar planets. , 2004, 5492, 545.		2
158	An Adaptive Optics Survey of M6.0â€“M7.5 Stars: Discovery of Three Very Low Mass Binary Systems Including Two Probable Hyades Members. Astrophysical Journal, 2003, 598, 1265-1276.	4.5	43
159	Review of published adaptive optics science: a bright future for adaptive optics. , 2003, , .		5
160	Towards first light of the 6.5m MMT adaptive optics system with deformable secondary mirror. , 2003, , .		22
161	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
162	MEDI: an instrument for direct detection of massive extrasolar planets. , 2003, , .		0

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163	Hokupa'a/Gemini survey of the lowest mass/faintest guide stars: the very low mass binary population and its implications for brown dwarf formation theories. , 2003, 4839, 1055.		0
164	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
165	First light of the 6.5-m MMT adaptive optics system. , 2003, , .		36
166	Detection of Nine M8.0â€“L0.5 Binaries: The Very Low Mass Binary Population and Its Implications for Brown Dwarf Formation Theories. Symposium - International Astronomical Union, 2003, 211, 249-256.	0.1	0
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