

# Research papers

The following list includes research papers published from AAT and UKST data, 1 July 2000–30 June 2001, together with papers published by AAO staff from data obtained entirely from other telescopes. It does not include AAO contributions to the IAU circulars, which are used to make urgent announcements, nor does it include all of the papers that have made use of UKST sky survey plates and atlases.

A list of some of the popular articles published by AAO staff members is given on page 84.

Volume numbers appear in bold, followed by the page number and the year of publication. ‘A’ or ‘S’ following each entry indicates whether the paper was based on AAT data or UKST data. ‘O’ indicates publications by AAO staff members using data obtained from other telescopes. Abbreviations for journals are listed at the end of this appendix, and abbreviations for institutions begin on page ZZ.

ALEXANDER D M, RUIZ M, YOUNG S (HERTFORDSHIRE), HEISLER C (MSSSO), LUMSDEN S (AAO), HOUGH J H (HERTFORDSHIRE), BAILEY J (AAO) ‘Near-IR polarimetry of the obscured nucleus in the Circinus galaxy’ in *Active Galactic Nuclei and Related Phenomena*, Y Terzian, D Weedman & E Khachikian (eds) p75 2000 (A)

ALONSO-HERRERO A (HERTFORDSHIRE), RYDER S D (AAO), KNAPEN J H (HERTFORDSHIRE) ‘Nuclear star formation in the hot-spot galaxy NGC 2903’ *MNRAS* **322** 757 2001 (O)

ALONSO-HERRERO A (HERTFORDSHIRE), RYDER S (AAO), KNAPEN J H (HERTFORDSHIRE) ‘Nuclear star formation in the hot-spot galaxy NGC 2903’ *CFHT Information Bulletin* **42** 16 2000 (O)

ALTON P B (CARDIFF), RAND R J (NEW MEXICO), XILOURIS E M (CRETE), BEVAN S (CARDIFF), ET AL ‘Dust outflows from quiescent spiral disks’ *A&AS* **145** 83 2000 (A)

AMADO P J, DOYLE J G (ARMAGH), BYRNE P B, CUTISPOTO G (CATANIA), ET AL ‘Rotational modulation and flares on RS CVn and BY Dra stars. XX. Photometry and spectroscopy of CC Eri in late 1989’. *A&A* **359** 159 2000 (A)

BAILEY J A (AAO) ‘Astronomical sources of circularly polarized light and the origin of homochirality’ *Origins of Life and Evolution of the Biosphere* **31** 167 2001 (O)

BAILEY J (AAO) ‘Chirality and the origin of life’ *Acta Astronautica* **46** 627 2000 (A)

BAILEY J (AAO) ‘Circular polarization and the origin of biomolecular homochirality’ in *A New Era in Bioastronomy*, G Lemarchand & K Meech (eds) p349 2000 (A)

BAILEY J, TAYLOR K (AAO), ROBERTSON G (SYDNEY), BARDEN S (NOAO)



'Instrumentation plans for the Anglo-Australian Observatory' *New Astronomy Reviews* **45** 41 2001 (I)

BAKER J C (CALIFORNIA), HUNSTEAD R W (SYDNEY), BREMER M N (BRISTOL), BLAND-HAWTHORN J (AAO), ET AL 'Tunable-filter imaging of quasar fields at  $z \sim 1$ . A cluster around MRC B0450-221' *AJ* **121** 1821 2001 (A)

BALDI A (MILAN), BARDELLI S, ZUCCA E (BOLOGNA) 'A study of the core of the Shapley Concentration: VI. Spectral properties of galaxies'. *MNRAS* **324** 509 2001 (S)

BALDRY I K, BLAND-HAWTHORN J (AAO) 'A Tunable Echelle Imager' *PASP* **112** 1112 2000 (I)

BALDRY I K, BLAND-HAWTHORN J (AAO) 'Optimising background-limited observing during bright-moon phases and twilight'. *MNRAS* **322** 201 2001 (I)

BALDRY I K (SYDNEY, AAO), BEDDING T R (SYDNEY) 'Time-series spectroscopy of the rapidly oscillating Ap star HR3831'. *MNRAS* **318** 341 2000 (O)

BARNES D G, STAVELEY-SMITH L, DE BLOK W J G (ATNF),...MALIN D F (AAO),...RYDER S D (AAO), ET AL 'The Hi Parkes All Sky Survey: southern observations, calibration and robust imaging' *MNRAS* **322** 486 2001 (O)

BARNES J R, CAMERON A C, JAMES D J (ST ANDREWS), DONATI J -F (OMP) 'Doppler images from dual-site observations of southern rapidly rotating stars - II. Starspot patterns and differential rotation on Speedy Mic' *MNRAS* **324** 231 2001 (A)

BARRADO Y NAVASCUES D (MPIA), STAUFFER J R (HSCA), BRICENO C (VEN-EZUELA), ET AL 'Very low-mass stars and brown dwarfs of the young open cluster IC 2391' *ApJS* **134** 103 2001 (S)

BEASLEY M A, SHARPLES R M (DURHAM), BRIDGES T J (AAO), HANES D A (QUEENS), ET AL 'Ages and metallicities of globular clusters in NGC 4472' *MNRAS* **318** 1249 2000 (O)

BEDDING T R (SYDNEY), BUTLER R P (CIW), KJELDSEN H (AARHUS), BALDRY I K (AAO), O'TOOLE S J (SYDNEY), TINNEY C G (AAO), MARCY G W (CALIFORNIA), ET AL 'Evidence for solar-like oscillations in  $\beta$  Hydri' *ApJL* **549** 105 2001 (A)

BEKKI K (UNSW), COUCH W J (UNSW), DRINKWATER M J (MELBOURNE) 'Galaxy threshing and the formation of ultracompact dwarf galaxies' *ApJ* **552** 105 2001 (A,S)

BENITEZ N (CALIFORNIA), SANZ J L, MARTINEZ-GONZALEZ E (SANTANDER) 'Quasar-galaxy associations revisited' *MNRAS* **320** 241 2001 (S)

BJORNSSON G (ICELAND), HJORTH J (COPENHAGEN), JAKOBSSON P (ICELAND), CHRISTENSEN L (COPENHAGEN), HOLLAND S (NOTRE DAME) 'The jet and the supernova in GRB 990712' *ApJ* **552** 121, 2001 (A)



BLAKE L A J, RYAN S G (OPEN U), NORRIS J E (RSAA), BEERS T C (MICHIGAN)  
Neutron-capture elements in the Sr-rich, Ba-normal metal-poor giant CS22897-008' *Nucl. Phys. A*  
**688** 502c 2001 (A)

BLAND-HAWTHORN J (AAO) 'Tunable imaging filters' in *Encyclopedia of Astronomy &  
Astrophysics*, P Murdin (ed) p3360 2001 (O)

BLAND-HAWTHORN J (AAO), REYNOLDS R J 'Gas in galaxies' in *Encyclopedia of Astronomy  
& Astrophysics*, P Murdin (ed) p949 2001 (O)

BOURKE T L (HSCA) 'IRAS 11590-6452 in BHR 71: a binary protostellar system?' *ApJ* **554** 91  
2001 (A)

BOYLE B J (AAO), SHANKS T (DURHAM), CROOM S M (ICSTM/AAO), ET AL 'The 2dF  
QSO Redshift Survey - I. The optical luminosity function of quasi-stellar objects' *MNRAS* **317**  
1014 2000 (A,S)

BROOKS K J, BURTON M G, RATHBONE J M (UNSW), ET AL 'Unlocking the Keyhole: H<sub>2</sub>  
and PAH emission from molecular clumps in the Keyhole Nebula' *MNRAS* **319** 95 2000 (A)

BROWN M J I, WEBSTER R L (MELBOURNE), BOYLE B J (AAO) 'The clustering of colour-  
selected galaxies' *MNRAS* **317** 782 2000 (S)

BROWN M J I (NOAO), WEBSTER R L (MELBOURNE), BOYLE B J (AAO) 'The evolution  
of radio galaxies at intermediate redshift' *AJ* **121** 2381 2001 (S)

BRYANT J J, HUNSTEAD R W (SYDNEY) 'The giant radio galaxy MRC B0319-454:  
circumnuclear structure of the host galaxy ESO 248-G10' *ApJ* **545** 216 2000 (A)

BURTON M G, ASHLEY M C B, MARKS R D (UNSW), ET AL 'High-resolution imaging of  
photodissociation regions in NGC 6334' *ApJ* **542** 359 2000 (S)

BUTA R (ALABAMA), RYDER S D (AAO), MADSEN G J (CTIO), WESSON K (DUKE),  
CROCKER D A (ALABAMA), COMBES F (PARIS) 'Dynamics of ringed barred spiral galaxies.  
I. Surface photometry and kinematics of NGC 1433 and NGC 6300' *AJ* **121** 225 2001 (A)

CARPENTER J M (CALTECH) 'Color transformations for the 2MASS second incremental data  
release' *AJ* **121** 2851 2001 (A)

CASASSUS S, ROCHE P F (OXFORD), AITKEN D K (HERTFORDSHIRE), SMITH C H  
(UNSW) 'The Galactic disc distribution of planetary nebulae with warm dust emission features -  
I' *MNRAS* **320** 424 2001 (A)

CASTANDER F J (CHICAGO), NICHOL R C, MERRELLI A (PITTSBURGH), ET AL 'The  
first hour of extragalactic data of the Sloan Digital Sky Survey spectroscopic commissioning: the  
Coma cluster' *AJ* **121** 2331 2001 (S)

CEPA J (IAC), GONZALEZ J J (UNAM), BLAND-HAWTHORN J (AAO), & OSIRIS TEAM  
'OSIRIS tunable imager and spectrograph' in *Optical and IR Telescope Instrumentation & Detectors*,



M Iye & A Moorwood (eds) p623 2000 (I)

CHAPMAN J M (AAO, ATNF), LEITHERER C (STSI), KORIBALSKI B (ATNF) 'Non-thermal radio emission from Wolf-Rayet stars' in *Wolf-Rayet Phenomena in Massive Stars and Starburst Galaxies*, K A van der Hucht, G Koenigsberger & P R J Eenens (eds) p59 2000 (O)

CHAPMAN S C (CIW), LEWIS G F (AAO), SCOTT D (VANCOUVER), ET AL 'Sub-millimeter imaging of a protocluster region at  $z = 3.09$ ' *ApJL* **548** 17 2001 (O)

CHAPMAN S C (CIW), RICHARDS E (ALABAMA), LEWIS G F (AAO), WILSON G , BARGER A (HAWAII) 'The nature of the bright submillimeter galaxy population: a radio pre-selected sample with  $I > \sim 25$ ' *ApJL* **548** 147 2001 (O)

CIANCI S (SYDNEY), BLAND-HAWTHORN J (AAO), O'BYRNE J (SYDNEY) 'Multi-band interference filters for differential imaging' in *Optical and IR Telescope Instrumentation & Detectors*, M Iye & A Moorwood (eds) p1368, 2000 (I)

CLARK S, McCALL A, CHRYSOSTOMOU A (HERTFORDSHIRE), ET AL 'Polarization models of young stellar objects II. Linear and circular polarimetry of R Coronae Australis'. *MNRAS* **319** 337 2000 (A)

COLLESS M (RSAA) 'Redshift surveys and cosmology: a summary of the Dunk Island Conference' *Publ AS A* **17** 215 2000 (A)

COOKE J A (EDINBURGH), REID I N (PENNSYLVANIA) 'High proper motion stars in Kapteyn Selected Area 94' *MNRAS* **318** 1206 2000 (S)

CORBETT E A (AAO), ROBINSON A, AXON D J, YOUNG S (HERTFORDSHIRE) 'Spectropolarimetry of broad H alpha lines in radio galaxies: constraints on the geometry of the broad-line and scattering regions' *MNRAS* **319** 685 2000 (O)

COTERA A S, SIMPSON J P, ERICKSON E F, COLGAN S W J (NASA), BURTON K G (UNSW), ALLEN D A (AAO) 'Interstellar extinction in the vicinity of the Galactic center' *ApJS* **129** 123 2000 (A)

COUCH W J (UNSW), BALOGH M L, BOWER R G, SMAIL I (DURHAM), GLAZEBROOK K (AAO, JHU), TAYLOR M (UNSW) 'A low global star formation rate in the rich galaxy cluster AC 114 at  $z=0.32$ ' *ApJ* **549** 820 2001 (A)

CRAWFORD I A, HOWARTH I D (UCL), RYDER S D, STATHAKIS R A (AAO) 'κ Velorum: another variable interstellar sightline?' *MNRAS* **319** L1 2000 (A)

CROOMS M (AAO), SMITH R J (LIVERPOOL), BOYLE B J (AAO), SHANKS T (DURHAM), LOARING N S, MILLER L (OXFORD), LEWIS I J (AAO) 'The 2dF QSO Redshift Survey - V. The 10k catalogue' *MNRAS* **322** L29 2001 (A)

CROSS L L, WILLS B J (TEXAS), HOUGH J H (HERTFORDSHIRE), BAILEY J A (AAO) 'A polarization flare in 3C 273: a clue to jet physics' in *Blazar Demographics and Physics*, P Padovani & C M Urry (eds), p140 2001 (O)



CZOSKE O, KNEIB J-P, SOUCAIL G (OMP), BRIDGES T J (AAO), ET AL  
'A wide-field spectroscopic survey of the cluster of galaxies C10024+1654 I. The catalogue' *A&A* **372** 391 2001 (O)

DAHLEM M (LEIDEN), EHLE M (MADRID), RYDER S D (AAO) 'The mysterious HI deficiency of NGC 3175' *A&A* **371** 45 2001 (O)

DE OLIVERA M R, DUTRA C M, BICA E, DOTTORI H (BRAZIL) 'Morphologies and ages of star cluster pairs and multiplets in the Small Magellanic Cloud' *A&AS* **146** 57 2000 (S)

DONATI J -F (OMP), MENGEL M, CARTER B D (TOOWOOMBA), ET AL 'Surface differential rotation and prominences of the Lupus post T Tauri star RX J1508.6-4423' *MNRAS* **316** 699 2000 (A)

DOROSHKEVICH A G (COPENHAGEN), FONG R, McCRACKEN H J (DURHAM), ET AL 'Superlarge-scale structure in the Durham/UKST Galaxy Redshift Survey' *MNRAS* **315** 767 2000 (S)

DRINKWATER M J (MELBOURNE), GREGG M D (CALIFORNIA), COLLESS M (RSAA) 'Substructure and dynamics of the Fornax cluster' *A&JL* **548** 139 2001 (S)

DRINKWATER M J (MELBOURNE), JONES J B (BRISTOL), GREGG M D (CALIFORNIA), PHILLIPPS S (BRISTOL) 'Compact stellar systems in the Fornax Cluster: super-massive star clusters or extremely compact dwarf galaxies?' *Publ AS A* **17** 227 2000 (A)

DRINKWATER M J, WAUGH M, WEBSTER R L (MELBOURNE), ET AL 'Hidden galaxies in the Fornax cluster' in *Mapping the Hidden Universe: The Universe Behind the Milky Way - The Universe in HI*, R C Kraan-Korteweg, P A Henning & H Andernach (eds) p239 2000 (S)

DRIVER S, CROSS N (ST ANDREWS) 'The parameter space occupied by galaxies: the optical window' in *Mapping the Hidden Universe: The Universe Behind the Milky Way - The Universe in HI*, R C Kraan-Korteweg, P A Henning & H Andernach (eds) p.309, 2000 (A)

FLYNN C (TUORLA), SOMMER-LARSEN J (COPENHAGEN), FUCHS B HEIDELBERG), GRAFF D S, SALIM S (OHIO) 'A search for nearby counterparts to the moving objects in the Hubble Deep Field' *MNRAS* **322** 553 2001 (S)

FORBES D A (SWINBURNE), FORTE J C (ARGENTINA) 'The connection between globular cluster systems and the host galaxies' *MNRAS* **322** 257 2001 (A)

FORSTER K, GREEN P J, ALDCROFT T L (HSCA), ET AL 'Emission line properties of the Large Bright Quasar Survey' *A&J* **134** 35 2001 (S)

FRANCIS P J (RSAA), WILLIGER G M, COLLINS N R, PALUNAS P (NASA), ET AL 'A pair of compact red galaxies at redshift 2.38, immersed in a 100 kiloparsec scale Ly $\alpha$  nebula' *A&J* **554** 1001 2001 (A)

GILLINGHAM P (AAO), JONES D (PRIME OPTICS) 'Optical design for IRIS2: the AAT's



next infrared spectrometer' in *Optical and IR Telescope Instrumentation & Detectors*, M Iye & A Moorwood (eds) p1084 2000 (I)

GILLINGHAM P (AAO), MIZIARSKI S (AAO), AKIYAMA M (SUBARU), KLOCKE V (AACHEN) 'Echidna - a multi-fiber positioner for the Subaru prime focus' in *Optical and IR Telescope Instrumentation & Detectors*, M Iye & A Moorwood (eds) p1395 2000 (I)

GILLINGHAM P, MIZIARSKI S, KLAUSER U (AAO) 'Mechanical features of the OzPoz fiber positioner for the VLT' in *Optical and IR Telescope Instrumentation & Detectors*, M Iye & A Moorwood (eds) p914 2000 (I)

GLAZEBROOK K, BLAND-HAWTHORN J (AAO) 'Microslit nod-shuffle spectroscopy: a technique for achieving very high densities of spectra' *PASP* **113** 197 2001 (A)

GUNN K F, McHARDY I M (SOUTHAMPTON), ALMAINI O (ROE), SHANKS T (DURHAM), SUMNER T J (ICL), MUXLOW T W B (JODRELL), EFSTATHIOU A (ICL), JONES L R (BIRMINGHAM), CROOMS S M (AAO), ET AL 'Starburst activity in a ROSAT narrow emission-line galaxy' *MNRAS* **324** 305 2001 (O)

HARRIES T J, HOWARTH I D (UCL) 'Spectropolarimetric orbits of symbiotic stars: five S-type systems' *A&A* **361** 139 2000 (A)

HASEGAWA T (GUNMA), WAKAMATSU K (GIFU), MALKAN M (UCLA), SEKIGUCHI K (SUBARU), MENZIES J W (SAAO), PARKER Q A (AAO), ET AL 'Large-scale structure of galaxies in the Ophiuchus region' *MNRAS* **316** 326 2000 (O)

HAWKINS M R S (ROE) 'Time dilation and quasar variability' *ApJL* **553** 97 2001 (S)

HAYNES R, BALDRY I K, TAYLOR K, LEE D (AAO) 'Characterisation of cooled infrared fibres for the Gemini IRMOS' in *Optical and IR Telescope Instrumentation & Detectors*, M Iye & A Moorwood (eds) p1203 2000 (I)

HE X-T, WU J-H, YUAN Q-R (BEIJING), ET AL 'The multiwavelength quasar survey. I. Initial results' *AJ* **121** 1863 2001 (S)

HEASLEY J N (HAWAII), JANES K A (BOSTON), ZINN R (YALE), ET AL 'Hubble Space Telescope photometry of the metal-rich globular clusters NGC 6624 and NGC 6637' *AJ* **120** 879 2000 (A)

HOUGH J H (HERTFORDSHIRE), BAILEY J A (AAO), CHRYSOSTOMOU A, GLEDHILL T M (HERTFORDSHIRE), ET AL 'Circular polarisation in star-forming regions: possible implications for homochirality' *Adv. Space Res* **27** 313 2001 (A)

HOYLE F, SZAPUDI I, BAUGH C M (DURHAM) 'Higher order clustering in the Durham/UKST and Stromlo-APM Galaxy Redshift Surveys' *MNRAS* **317** L51 2000 (S)

HUSSAIN G A J (ST ANDREWS), DONATI J F (OMP), CAMERON A C (ST ANDREWS), BARNES J R (PORTO) 'Comparisons of images derived from independent Zeeman Doppler imaging codes' *MNRAS* 318 961 2000 (A)



IBATA R (MPIA), IRWIN M (CAMBRIDGE), LEWIS G F (AAO), STOLTE A (MPIA)  
'Galactic halo substructure in the Sloan Digital Sky Survey: the ancient tidal stream from the Sagittarius dwarf galaxy' *ApJL* **547** 133 2001 (O)

IBATA R (MPIA), LEWIS G F (AAO), IRWIN M (CAMBRIDGE), TOTTEN E (KEELE),  
QUINN T (WASHINGTON) 'Great Circle tidal streams: evidence for a nearly spherical massive dark halo around the Milky Way' *ApJ* **551** 294 2001 (S)

JABLONKA P (PARIS), COURBIN F (CHILE), MEYLAN G (ESO), SARAJEDINI A  
(WESLEYAN), BRIDGES T J (AAO), MAGAIN P (LIEGE) 'Resolved stellar populations of super-metal-rich star clusters in the bulge of M31' *A&AS* **359** 131 2000 (O)

JACKSON C A (RSAA), LONDISH D M (SYDNEY) 'Spectral characteristics of the 2dFGRS-NVSS galaxies' *Publ ASA* **17** 234 2000 (A)

JACOB A P, BEDDING T R, ROBERTSON J G (SYDNEY), BARTON J R (AAO), ET AL  
'Multi-wavelength visibility measurements of the red giant R Doradus' in *Interferometry in Optical Astronomy*, P Lena, P Lena, A Quirrenbach & A Quirrenbach (eds) p723 2000 (A)

JEFFRIES R D, TOTTEN E J (KEELE), JAMES D J (ST ANDREWS) 'Rotation and activity in the solar-type stars of NGC 2547' *MNRAS* **316** 950 2000 (A)

JONES D H (MSSSO), BLAND-HAWTHORN J (AAO) 'The Taurus Tunable Filter Field Galaxy Survey: sample selection and narrowband number-counts' *ApJ* **550** 593 2001 (A)

JONES H (ESO) 'The Tunable Filter approach to measuring cosmic star-formation history' in *Stars, Gas and Dust in Galaxies: Exploring the Links*, D Alloin, K Olsen & G Galaz (eds) p207 2000 (A)

JONKER P G), FENDER R P (AMSTERDAM), HAMBLY N C (ROE), VAN DER KLIS M (AMSTERDAM) 'The infrared counterpart of the Z source GX 5-1'. *MNRAS* 315:L57, 2000 (S)

KARACHENTSEV I D (SAO), KARACHENTSEVA V E (KIEV), SUCHKOV A A (STSD),  
GREBEL E K (WASHINGTON) 'Dwarf galaxy candidates found on the SERC EJ sky survey' *A&AS* **145** 415 2000 (S)

KENWORTHY M A, PARRY I R (CAMBRIDGE), TAYLOR K (AAO) 'SPIRAL phase A: a prototype integral field spectrograph for the Anglo-Australian Telescope' *PASP* **113** 215 2001 (A)

KEWLEY L J, HEISLER C A, DOPITA M A (MSSSO), LUMSDEN S (AAO) 'Optical classification of southern warm infrared galaxies' *ApJS* **132** 37 2001 (O)

KILBORN V A (MELBOURNE), STAVELEY-SMITH L (ATNF), MARQUARDING M,  
WEBSTER R L (MELBOURNE), MALIN D F (AAO), ET AL 'An extragalactic HI cloud with no optical counterpart?' *AJ* **120** 1342 2000 (O)

KONTIZAS E, DAPERGOLAS A (ATHENS), MORGAN D H (EDINBURGH),  
KONTIZAS M (ATHENS) 'A catalogue of carbon stars in the LMC' *A&AS* **369** 932 2001 (S)



KOTILAINEN J K, REUNANEN J (TURKU), LAINE S (HERTFORDSHIRE), RYDER S D (AAO) 'Near-infrared line imaging of the starburst galaxies NGC 520, NGC 1614 and NGC 7714' *A&A* **366** 439 2001 (O)

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LEWIS G F, BLAND-HAWTHORN J (AAO), GIBSON B K (COLORADO), PUTMAN M E (MSSSO) 'Detecting dark matter in high velocity clouds' *PASP* **112** 1300 2000 (O)

LEWIS G F (AAO), CHAPMAN S C (CIW) 'SCUBA observations of Hawaii 167' *MNRAS* **318** L31 2000 (O)

LEWIS G F (AAO), IBATA R A (MPIA) 'The search for cosmological black holes: a surface brightness variability test' *ApJ* **549** 46 2001 (O)

LEWIS G F (AAO), IBATA R A (MPIA) 'Probing the atmospheres of planets orbiting microlensed stars via polarization variability' *ApJL* **539** 63 2000 (O)

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LEWIS G F (AAO), IBATA R A (STRASBOURG) 'Was SN1997ff at  $z \sim 1.7$  magnified by gravitational lensing?' *MNRAS* **324** L25 2001 (O)

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LUMSDEN S L (LEEDS, AAO), PUXLEY P J (GEMINI), HOARE M G (LEEDS) 'Infrared helium-hydrogen line ratios as a measure of stellar effective temperature' *MNRAS* **320** 83 2001 (O)

MACQUART J P (SYDNEY), KEDZIORA-CHUDCZER L (ATNF, AAO), RAYNER D P, JAUNCEY D L (ATNF) 'Strong, variable circular polarization in PKS 1519-273' *ApJ* **538** 623 2000 (O)

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MAIHARA T, OHTA K (KYOTO), TAYLOR K, GILLINGHAM P (AAO), ET AL 'Fiber-Multi-Object Spectrograph (FMOS) for Subaru Telescope' in *Optical and IR Telescope Instrumentation & Detectors*, M Iye & A Moorwood (eds) p1111 2000 (I)



MALIN D F (AAO) 'Detectors: photography' in *Encyclopedia of Astronomy & Astrophysics*, P Murdin (ed) p599 2001

MALONEY P R (COLORADO), BLAND-HAWTHORN J (AAO) 'Ionizing photons and extreme-ultraviolet excesses in clusters of galaxies' *ApJL* **553** 129 2001 (O)

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MENARD F (CFHT), CHRYSOSTOMOU A, GLEDHILL T, HOUGH J H (HERTFORDSHIRE), BAILEY J (AAO) 'High circular polarisation in the star forming region NGC 6334: implications for biomolecular homochirality' in *A New Era in Bioastronomy*, G Lemarchand & K Meech (eds) p355 2000 (A)

MENGEL S, LEHNERT M D, THATTE N, TACCONI-GARMAN L E, GENZEL R (MPE) 'K-band spectroscopy of compact star clusters in NGC 4038/4039' *ApJ* **550** 280 2001 (A)

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MONACO R (TRIESTE), EFSTATHIOU G, MADDOX S J (CAMBRIDGE), BRANCHINI E (KAPTEYN), FRENK C S (DURHAM), McMAHON R G (CAMBRIDGE), OLIVER S J, ROWAN-ROBINSON M (ICL), SAUNDERS W (EDINBURGH/AAO), ET AL 'The one-point PDF of the initial conditions of our local Universe from the IRAS PSC redshift catalogue' *MNRAS* **318** 681 2000 (O)

MORGAN D H, PARKER Q A (ROE), RUSSELL D (HELSINKI) 'New Wolf-Rayet central stars of planetary nebulae identified on the AAO/UKST H $\alpha$  survey' *MNRAS* **322** 877 2001 (S)

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## Journal abbreviations

A&A	Astronomy & Astrophysics
A&AS	Astronomy & Astrophysics Supplement Series
A&SS	Astronomy and Space Science
AJ	Astronomical Journal
ApJ	Astrophysical Journal
ApJL	Astrophysical Journal Letters
ApJS	Astrophysical Journal Supplement Series
ASP Conf Ser	Astronomical Society of the Pacific, Conference Series
Aust J Astr	Australian Journal of Astronomy
IAJ	Irish Astronomical Journal
JAH <sup>2</sup>	Journal of Astronomical History and Heritage
MNRAS	Monthly Notices of the Royal Astronomical Society
PASP	Publications of the Astronomical Society of the Pacific
Publ ASA	Publications of the Astronomical Society of Australia
SPIE Proc	Proceedings of the International Society for Optical Engineering