

Research papers

The following list includes research papers published from AAT and UKST data, 1 July 2001–30 June 2002, 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 follows..

'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.

AFONSO J (ICL), MOBASHER B (STSI), CHAN B (SYDNEY), CRAM L (SYDNEY)

Discovery of an extremely red galaxy at $z=0.65$ with dusty star formation and nuclear activity. *Astrophys Jnl Letters*, 559:101, 2001 (A)

ALONSO-HERRERO A (HERTFORDSHIRE), RYDER S D (AAO), KNAPEN J H (ING)

Nuclear star formation in the hotspot galaxy NGC 2903. *ASP Conf. series vol.249: The central kiloparsec of starbursts and AGN: the La Palma connection*, p.557, 2002 (O)

ANDRIEVSKY S M (BRAZIL), BERSIER D (HSCA), KOVTYUKH V V (ODESSA), ET AL

Using Cepheids to determine the galactic abundance gradient. II. Towards the galactic center. *Astronomy & Astrophysics*, 384:140, 2002 (A)

AOKI W (TOKYO), NORRIS J E (RSAA), RYAN S G (OPEN U), ET AL

The chemical composition of carbon-rich, very metal poor stars: a new class of mildly carbon rich objects without excess of neutron-capture elements. *Astrophys. J.*, 567:1166, 2002 (A)

AOKI W (TOKYO), RYAN S G (OPEN U), NORRIS J E (RSAA), ET AL

Neutron capture elements in s-process-rich, very metal-poor stars. *Astrophys. J.*, 561:346, 2001 (A)

ARGAST D (BASEL), SAMLAND M (BASEL), THIELEMANN F K (BASEL), GERHARD O E (BASEL)

Implications of O and Mg abundances in metal-poor halo stars for stellar iron yields. *Astronomy & Astrophysics*, 388:842, 2002 (A)

ARNABOLDI M (NAPLES), AGUERRI J A L (BASEL), NAPOLITANO N R (NAPLES), ET AL

Intracluster planetary nebulae in Virgo: photometric selection, spectroscopic validation, and cluster depth. *Astronom Jnl*, 123:760, 2002 (A)

ASHTON C E (CARDIFF), LEWIS G F (AAO)

Gravitational microlensing of planets: the influence of planetary phase and caustic orientation. *Mon Not R astr Soc*, 325:305, 2001 (O)

BABUL A (VICTORIA), BALOGH M L (DURHAM), LEWIS G F (AAO), POOLE G B (VICTORIA)

Physical implications of the X-ray properties of galaxy groups and clusters. *Mon Not R astr Soc*, 330:329, 2002 (O)

BAKER J C (CALIFORNIA), HUNSTEAD R W (SYDNEY), ATHREYA R M (PARIS), ET AL

Associated absorption in radio quasars. I. C IV absorption and the growth of radio sources. *Astrophys. J.*, 568:592, 2002 (A)

BALDRY I K (JHU), GLAZEBROOK K (JHU), BAUGH C M (DURHAM), BLAND-HAWTHORN J (AAO), BRIDGES T J (AAO), CANNON R D (AAO), ET AL

The 2dF Galaxy Redshift Survey: constraints on cosmic star formation history from the cosmic spectrum. *Astrophys. J.*, 569:582, 2002 (A)

BARMBY P (HSCA), PERRETT K M (QUEENS), BRIDGES T J (AAO)
The 'remarkable' M31 globular cluster 037-B327 revisited. *Mon Not R astr Soc*, 329:461, 2002 (O)

BARNES J R (PORTO), CAMERON A C (ST ANDREWS)
Starspot patterns on the M dwarfs HK Aqr and RE 1816+541. *Mon Not R astr Soc*, 326:950, 2001 (A)

BECKER R H (CALIFORNIA), WHITE R L (NOAO), GREGG M D (CALIFORNIA), ET AL
The FIRST Bright Quasar Survey. III. the south Galactic cap. *Astrophys Jnl Suppl*, 135:227, 2001 (S)

BEDDING T R (SYDNEY), KJELDSSEN H (AARHUS), BALDRY I K (AAO), BOUCHY F (GENEVA), ET AL
Solar-like oscillations in Beta Hydri: evidence for short-lived high-amplitude oscillations. *ASP Conf. series* vol. 259, p.464, 2002 (A)

BENN C R (ING), VIGOTTI M (BOLOGNA), PEDANI M (LA PALMA), ET AL
High-redshift QSOs in the FIRST survey. *Mon Not R astr Soc*, 329:221, 2002 (S)

BIGNALL H E (ADELAIDE), JAUNCEY D L (ATNF), KEDZIORA-CHUDCZER L L (ATNF, AAO), ET AL
New results from an ATCA study of intraday variable radio sources. *Publ Astron Soc Australia*, 19:29, 2002 (O)

BLAKE L A J, RYAN S G (OPEN U), NORRIS J E (RSAA), BEERS T C
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), MALONEY P R (COLORADO)
H alpha distance constraints for high velocity clouds in the Galactic halo. *ASP Conf. series* vol.254: Extragalactic gas at low redshift, p.267, 2002 (O)

BLAND-HAWTHORN J (AAO), PUTMAN M E (ATNF)
The galactic halo UV field, Magellanic Stream, and high-velocity clouds. *ASP Conf. series* v.240: Gas & Galaxy Evolution, p.369, 2001 (O)

BLAND-HAWTHORN J (AAO), VAN BREUGEL W (LLNL), GILLINGHAM P R (AAO), BALDRY I K (AAO), JONES D H (ESO)
A tunable Lyot filter at prime focus: a method for tracing supercluster scales at z approx. 1. *Astrophys. J.*, 563:611, 2001 (O)

BOATTINI A (ROME), D'ABRAMO G (ROME), FORTI G (ARCETRI), GAL R (JHU)
The Arcetri NEO Preccovery Program. *Astronomy & Astrophysics*, 375:293, 2001 (S)

BOYCE P J (BRISTOL), PHILLIPPS S (BRISTOL), JONES J B (NOTTINGHAM), ET AL
The nature of the dwarf population in Abell 868. *Mon Not R astr Soc*, 328:277, 2001 (A)

BOYLE B J (AAO), CROOM S M (AAO), HOYLE F (DURHAM), OUTRAM P J (DURHAM), SHANKS T (DURHAM), ET AL
The 2dF QSO Redshift Survey. *ASP Conf.series* vol.232: The New Era of Wide Field Astronomy, p.65, 2001 (A,S)

BOYLE B J (AAO), CROOM S M (AAO), SMITH R J (LIVERPOOL), SHANKS T (DURHAM), ET AL
The 2dF QSO Redshift Survey. In: *Deep Fields - ESO Workshop*, p.282, 2001 (A,S)

BRANCH D (OKLAHOMA), BENETTI S (PADOVA), KASEN D (CALIFORNIA), BARON E (OKLAHOMA), JEFFERY D J (SOCORRO), HATANO K (TOKYO), STATHAKIS R A (AAO), ET AL
Direct analysis of spectra of type Ib supernovae. *Astrophys. J.*, 566:1005, 2002 (O)

BRIDGES T J (AAO)
2dF on the AAT: current status and recent science results. *ASP Conf.series* vol.232: The New Era of Wide Field Astronomy, p.29, 2001 (A)

BROTHERTON M S (NOAO), GRABELSKY M (RICE), CANALIZO G (LLNL), VAN BREUGEL W (LLNL), FILIPPENKO A V (CALIFORNIA), CROOM S (AAO), BOYLE B (AAO), SHANKS T (DURHAM)
Hubble Space Telescope imaging of the poststarburst quasar UN J1025-0040: evidence for recent star formation. *Publ Astron Soc Pacific*, 114:593, 2002 (O)

BROWN M J I (NOAO), BOYLE B J (AAO), WEBSTER R L (MELBOURNE)
The clustering of AGNs and galaxies at intermediate redshift. *Astronom Jnl*, 122:26, 2001 (S)

BURTON M G (UNSW)
Molecular hydrogen in the Lagoon: H₂ line emission from Messier 8. *Publ Astron Soc Australia*, 19:260, 2002 (A)

BUTLER R P (CIW, AAO), TINNEY C G (SSO), MARCY G W (CALIFORNIA), ET AL
Two new planets from the Anglo-Australian Planet Search. *Astrophys. J.*, 555:410, 2001 (A)

BUXTON M (RSAA), VENNES S (ANU)
Atmospheric modelling of the companion star in GRO J1655-40. *Publ Astron Soc Australia*, 18:91, 2000 (A)

CAMERON A C (ST ANDREWS), DONATI J F (OMP)
Doin' the twist: secular changes in the surface differential rotation on AB Doradus. *Mon Not R astr Soc*, 329:L23, 2002 (A)

CAMERON A C (ST ANDREWS), DONATI J F (OMP), SEMEL M (PARIS)
Stellar differential rotation from direct star-spot tracking. *Mon Not R astr Soc*, 330:699, 2002 (A)

CANNON R (AAO), HAMBLY N (EDINBURGH), ZACHARIAS N (USNO)
Accurate large-scale astrometry for faint stars. *ASP Conf. series vol.232: The new era of wide field astronomy*, p.311, 2001 (S)

CANNON R (AAO), MORGAN D (EDINBURGH), HATZIDIMITRIOU D (CRETE), CROKE B (ANU)
A spectroscopic survey of carbon stars in the Magellanic Clouds. *ASP Conf. series vol.232: The new era of wide field astronomy*, p.224, 2001 (A,S)

CARETTA C A (BRAZIL), MAIA M A G (BRAZIL), KAWASAKI W (TOKYO), WILLMER C N A (BRAZIL)
The Aquarius superclusters. I. Identification of clusters and superclusters. *Astronom Jnl*, 123:1200, 2002 (S)

CARRIER F (GENEVA), BOUCHY F (GENEVA), KIENZLE F (GENEVA), BEDDING T R (SYDNEY), KJELDSEN H (AARHUS), BUTLER R P (CIW), BALDRY I K (AAO), O'TOOLE S J (SYDNEY), TINNEY C G (AAO), MARCY G W (CALIFORNIA)
Solar-like oscillations in beta Hydri: confirmation of a stellar origin for the excess power. *Astronomy & Astrophysics*, 378:142, 2001 (O)

CARTER D (LIVERPOOL), MOBASHER B (STSI), BRIDGES T J (AAO), ET AL
A photometric and spectroscopic study of dwarf and giant galaxies in the Coma cluster. V. Dependence of the spectroscopic properties on location in the cluster. *Astrophys. J.*, 567:772, 2002 (O)

CECIL G (NORTH CAROLINA), BLAND-HAWTHORN J (AAO), VEILLEUX S (MARYLAND), FILIPPENKO A V (CALIFORNIA)
Jet- and wind-driven ionized outflows in the superbubble and star-forming disk of NGC 3079. *Astrophys. J.*, 555:338, 2001 (O)

CHAPMAN S C (CALTECH), LEWIS G F (AAO), SCOTT D (BRITISH COLUMBIA), ET AL
Understanding the nature of the optically faint radio sources and their connection to the submillimeter population. *Astrophys. J.*, 570:557, 2002 (O)

CHATY S (OPEN U), MIRABEL I F (SACLAY), GOLDONI P (SACLAY), ET AL
Near-infrared observations of Galactic black hole candidates. *Mon Not R astr Soc*, 331:1065, 2002 (A,S)

CHEN A (CAPE TOWN), O'DONOGHUE D (CAPE TOWN), STOBIE R S (SAAO), ET AL
Cataclysmic variables in the Edinburgh-Cape Blue Object Survey. *Mon Not R astr Soc*, 325:89, 2001 (S)

CHRISTIAN D J (CALIFORNIA), MATHIOUDAKIS M (BELFAST)
High-resolution optical observations of extreme-ultraviolet-selected active late-type stars. *Astronom Jnl*, 123:2796, 2002 (A)

CLARKE F J (CAMBRIDGE), TINNEY C G (AAO), COVEY K R (CARLETON)
Periodic photometric variability of the brown dwarf Kelu-1. *Mon Not R astr Soc*, 332:361, 2002 (A)

COLE S (DURHAM), NORBERG P (DURHAM), BAUGH C M (DURHAM), FRENK C S (DURHAM),
BLAND-HAWTHORN J (AAO), BRIDGES T (AAO), CANNON R (AAO), ET AL
The 2dF Galaxy Redshift Survey: near-infrared galaxy luminosity functions. *Mon Not R astr Soc*, 326:255, 2001 (A)

COLLESS M (RSAA), DALTON G (OXFORD), MADDOX S (NOTTINGHAM),...BLAND-HAWTHORN J
(AAO), BRIDGES T (AAO), CANNON R (AAO), ET AL
The 2dF Galaxy Redshift Survey: spectra and redshifts. *Mon Not R astr Soc*, 328:1039, 2001 (A)

COOKE J A (EDINBURGH), DIGBY A P (EDINBURGH), REID I N (PENNSYLVANIA)
Wide field astrometry: moving from the UKST to VISTA. *ASP Conf. series vol.232: The New Era of Wide
Field Astronomy*, p.272, 2001 (S)

CORBETT E (AAO), NORRIS R (ATNF), HEISLER C (RSAA), DOPITA M (RSAA), ET AL
First results from the COLA project: the radio-FIR correlation, compact radio cores, and radio excess in
the southern COLA galaxies. *ASP Conf. series vol.249: The central kiloparsec of starbursts and AGN: the
La Palma connection*, p.126, 2002 (O)

CORBETT E A (AAO), NORRIS R P (ATNF), HEISLER C A (MSSSO), DOPITA M A (MSSSO), ET AL
First results from the COLA project: the radio-far-infrared correlation and compact radio cores in southern
COLA galaxies. *Astrophys. J.*, 564:650, 2002 (O)

COTE P (CALTECH), McLAUGHLIN D E (CALIFORNIA), HANES D A (QUEENS), BRIDGES T J (AAO),
ET AL
Dynamics of the globular cluster system associated with M87 (NGC 4486). II. Analysis. *Astrophys. J.*,
559:828, 2001 (O)

CRAWFORD I A (UCL)
An ultra-high-resolution study of the interstellar medium in the direction of Alpha Ophiuchi. *Mon Not R
astr Soc*, 327:841, 2001 (A)

CRAWFORD I A (UCL)
Ultra-high-resolution observations of interstellar NaI and KI towards the Scorpius OB1 association. *Mon
Not R astr Soc*, 328:1115, 2001 (A)

CROOM S M (AAO)
QSO-galaxy correlations: lensing or dust?. *Publ Astron Soc Australia*, 18:169, 2001 (O)

CROOM S M (AAO), SHANKS T (DURHAM), BOYLE B J (AAO), ET AL
The 2dF QSO Redshift Survey - II. Structure and evolution at high redshift. *Mon Not R astr Soc*, 325:483,
2001 (A,S)

CROOM S M (AAO), WARREN S J (ICL), GLAZEBROOK K (AAO)
A small-area faint KX redshift survey for QSOs in the ESO Imaging Survey Chandra Deep Field South.
Mon Not R astr Soc, 328:150, 2001 (A,S)

CROSS N (ST ANDREWS), DRIVER S P (ST ANDREWS), COUCH W (UNSW), BAUGH C M
(DURHAM), BLAND-HAWTHORN J (AAO), BRIDGES T (AAO), CANNON R (AAO), ET AL
The 2dF Galaxy Redshift Survey: the number and luminosity density of galaxies. *Mon Not R astr Soc*,
324:825, 2001 (A,S)

CROSS N (ST ANDREWS), DRIVER S (ST ANDREWS), LEMON D (ST ANDREWS)
The INT-WFS + 2dFGRS: the local space and luminosity density. ASP Conf. series vol.232: The New Era of Wide Field Astronomy, p.181, 2001 (A)

CRUDDACE R (NRL), VOGES W (MPE), BOHRINGER H (MPE), ET AL
The ROSAT All-Sky Survey: a catalog of clusters of galaxies in a region of 1 steradian around the south Galactic pole. *Astrophys Jnl Suppl*, 140:239, 2002 (S)

CZOSKE O (OMP), SOUCAIL G (OMP), KNEIB J-P (OMP), BRIDGES T (AAO), ET AL
A wide-field spectroscopic survey in the cluster lens C10024+17. ASP Conf. series vol.237: Gravitational lensing: recent progress and future goals, p.309, 2001 (O)

DAHLEM M (LEIDEN), EHLE M (MADRID), RYDER S D (AAO)
A search for intergalactic HI gas in the NGC 1808 group of galaxies. *Astronomy & Astrophysics*, 373:485, 2001 (O)

DE MARCO O (NEW YORK), CLAYTON G C (LOUISIANA), HERWIG F (VICTORIA), ET AL
What are the hot R Coronae Borealis stars?. *Astronom Jnl*, 123:3387, 2002 (A)

DE MARCO O (NEW YORK), CROWTHER P A (UCL), BARLOW M J (UCL), ET AL
SwSt 1: an O-rich planetary nebula around a C-rich central star. *Mon Not R astr Soc*, 328:527, 2001 (A)

DE PROPRIS R (UNSW), COUCH W J (UNSW), COLLESS M (MSSSO), DALTON G B (OXFORD),...BLAND-HAWTHORN J (AAO), BRIDGES T (AAO), CANNON R (AAO), ET AL
The 2dF Galaxy Redshift Survey: a targeted study of catalogued clusters of galaxies. *Mon Not R astr Soc*, 329:87, 2002 (A)

DEACON N R (EDINBURGH), HAMBLY N C (EDINBURGH)
The trigonometric parallax of DENIS-P J104814.7-395606.1. *Astronomy & Astrophysics*, 380:148, 2001 (S)

DEMPSEY R C (STSI), NEFF J E (CHARLESTON), LIM J (TAIPEI)
Simultaneous observations of variability at all atmospheric levels of V824 Arae (HD 155555). *Astronom Jnl*, 122:332, 2001 (A)

DOBBIE P D (LEICESTER), KENYON F (LEICESTER), JAMESON R F (LEICESTER), ET AL
A deep large-area search for very low-mass members of the Hyades open cluster. *Mon Not R astr Soc*, 329:543, 2002 Also AAT data (A,S)

DONATI J F (OMP), BABEL J (NEUCHATEL), HARRIES T J (EXETER), ET AL
The magnetic field and wind confinement of Theta 1 Orionis C. *Mon Not R astr Soc*, 333:55, 2002 (A)

DRINKWATER M J (MELBOURNE), GREGG M D (CALIFORNIA), HOLMAN B A (MELBOURNE), BROWN M J I (MELBOURNE)
The evolution and star formation of dwarf galaxies in the Fornax Cluster. *Mon Not R astr Soc*, 326:1076, 2001 (S)

DUFTON P L (BELFAST), SMARTT S J (CAMBRIDGE), HAMBLY N C (EDINBURGH)
A UKST survey of blue objects towards the Galactic centre - seven additional fields. *Astronomy & Astrophysics*, 373:608, 2001 (S)

EDWARDS S A (RSAA), COLLESS M (RSAA), BRIDGES T J (AAO), CARTER D (LIVERPOOL), ET AL
Substructure in the Coma cluster: giants versus dwarfs. *Astrophys. J.*, 567:178, 2002 (A)

EFSTATHIOU G (CAMBRIDGE), MOODY S J (CAMBRIDGE)
Maximum likelihood estimates of the two- and three-dimensional power spectra of the APM Galaxy Survey. *Mon Not R astr Soc*, 325:1603, 2001 (A)

EFSTATHIOU G (CAMBRIDGE), MOODY S (CAMBRIDGE), PEACOCK J A (ROE), PERCIVAL W J (ROE), BAUGH C (DURHAM), BLAND-HAWTHORN J (AAO), BRIDGES T (AAO), CANNON R (AAO), ET AL (THE 2dFGRS TEAM)

Evidence for a non-zero cosmological constant and a low matter density from a combined analysis of the 2dF Galaxy Redshift Survey and cosmic microwave background anisotropies. *Mon Not R astr Soc*, 330:L29, 2002 (A)

ELGARROY O (CAMBRIDGE), GRAMANN M (TARTU), LAHAV O (CAMBRIDGE)

Features in the primordial power spectrum: constraints from the cosmic microwave background and the limitation of the 2dF and SDSS redshift surveys to detect them. *Mon Not R astr Soc*, 333:93, 2002 (A)

ELLISON S L (ESO), YAN L (CALTECH), HOOK I M (OXFORD), ET AL

The CORALS survey I: new estimates of the number density and gas content of damped Lyman alpha systems free from dust bias. *Astronomy & Astrophysics*, 379:393, 2001 (A)

ELLISON S L (ESO), YAN L (CALTECH), HOOK I M (OXFORD), ET AL

The CORALS survey II. Clues to galaxy clustering around QSOs from z abs - z em damped Lyman alpha systems. *Astronomy & Astrophysics*, 383:91, 2002 (A)

FASSIA A (ICL), MEIKLE W P S (ICL), SPYROMILIO J (ESO)

Spectroscopy of SN 1987A at 0.9-2.4 microns: days 1348-3158. *Mon Not R astr Soc*, 332:296, 2002 (A)

FORD A, JEFFRIES R D, JAMES D J, RYAN S G (OPEN U)

Lithium abundances in halo stars from the 6104 Angstrom line. *ASP Conf. series vol.223: Cambridge Workshop on Cool Stars, Stellar Systems & the Sun*, p.1339, 2001 (A)

FRANCIS P J (RSAA), DRAKE C L (RSAA), WHITING M T (MELBOURNE), DRINKWATER M J (MELBOURNE), WEBSTER R L (MELBOURNE)

The spectra of red quasars. *Publ Astron Soc Australia*, 18:221, 2001 (A)

FRANCIS P J (RSAA), WILSON G M (RSAA), WOODGATE B E (NASA)

On the gas surrounding high-redshift galaxy clusters. *Publ Astron Soc Australia*, 18:64, 2001 (A)

FREIRE P C (JODRELL), KRAMER M (JODRELL), LYNE A G (JODRELL), ET AL

Detection of ionized gas in the globular cluster 47 Tucanae. *Astrophys Jnl Letters*, 557:L105, 2001 (A)

FUJIYOSHI T (ADFA), SMITH C H (ADFA), WRIGHT C M (ADFA), ET AL

Infrared polarimetry of the southern massive star-forming region G333.6-02. *Mon Not R astr Soc*, 327:233, 2001 (A)

GANG T (NASA)

Ultra-high resolution spectroscopy of P Cygni and similar stars in the optical wavelength region. *ASP Conf. series v.233: P Cygni: 400 Years of Progress*, p.129, 2001 (A)

GAUSTAD J E (SWARTHMORE), McCULLOUGH P R (ILLINOIS), ROSING W (CALIFORNIA), VAN BUREN D (NEW YORK)

A robotic wide-angle H alpha survey of the southern sky. *Publ Astron Soc Pacific*, 113:1326, 2001 (S)

GILLINGHAM P R (AAO)

An optical design for an Antarctic 2m telescope with a near IR imager. *Publ Astron Soc Australia*, 19:301, 2002 (O)

GILMORE G (CAMBRIDGE), WYSE R F G (JHU)

The thick disk-halo interface. *ASP Conf. series v.228: Dynamics of Star Clusters and the Milky Way*, p.225, 2001 (A)

GRAHAM M F (JODRELL), SMITH R J (JODRELL), MEABURN J (JODRELL), BRYCE M (JODRELL)

The expansion of the giant filamentary shell, DEM 171, in the Magellanic Bridge. *Mon Not R astr Soc*, 326:539, 2001 (A,S)

HAMBLY N C (EDINBURGH), DAVENHALL A C (EDINBURGH), IRWIN M J (CAMBRIDGE),
MACGILLIVRAY H T (EDINBURGH)
The SuperCOSMOS Sky Survey - III. Astrometry. Mon Not R astr Soc, 326:1315, 2001 (S)

HAMBLY N C (EDINBURGH), IRWIN M J (CAMBRIDGE), MACGILLIVRAY H T (EDINBURGH)
The SuperCOSMOS Sky Survey - II. Image detection, parametrization, classification and photometry.
Mon Not R astr Soc, 326:1295, 2001 (S)

HAMBLY N C (EDINBURGH), MACGILLIVRAY H T (EDINBURGH), READ M A (EDINBURGH),
TRITTON S B (EDINBURGH), ET AL
The SuperCOSMOS Sky Survey - I. Introduction and description. Mon Not R astr Soc, 326:1279, 2001
(S)

HAMBLY N C (ROE), BROWN M L (ROE), SMITH R E (ROE), READ M A (ROE), TAYLOR A N (ROE)
New science results from the superCOSMOS Sky Survey. ASP Conf.series vol.232: The New Era of
Wide Field Astronomy, p.35, 2001 (S)

HANES D A (QUEENS, AAO), COTE P (RUTGERS), BRIDGES T J (AAO), ET AL
Dynamics of the globular cluster system associated with M87 (NGC 4486). I. New CFHT MOS
spectroscopy and the composite database. Astrophys. J., 559:812, 2001 (O)

HAWKINS E (NOTTINGHAM), MADDOX S (NOTTINGHAM), BRANCHINI E (ROME), SAUNDERS W
(ROE, AAO)
The clustering of hot and cold IRAS galaxies: the redshift-space correlation function. Mon Not R astr Soc,
325:589, 2001 (O)

HAWKINS M R S (ROE)
Variability in active galactic nuclei: confrontation of models with observations. Mon Not R astr Soc,
329:76, 2002 (S)

HELLIER C (KEELE), BEARDMORE A P (KEELE)
The accretion flow in the discless intermediate polar V2400 Ophiuchi. Mon Not R astr Soc, 331:407, 2002
(A)

HELLIER C (KEELE), WYNN G A (LEICESTER), BUCKLEY D A H (SAAO)
On the accretion mode of the intermediate polar V1025 Centauri. Mon Not R astr Soc, 333:84, 2002 (A)

HEWETT P C (CAMBRIDGE), FOLTZ C B (ARIZONA), CHAFFEE F H (HAWAII)
The Large Bright Quasar Survey. VII. The LBQS and FIRST Surveys. Astronom Jnl, 122:518, 2001 (S)

HOYLE F (DREXEL), VOGLEY M S (DREXEL), GOTT III J R (PRINCETON)
Two-dimensional topology of the Two Degree Field Galaxy Redshift Survey. Astrophys. J., 570:44, 2002
(A)

HOYLE F (DURHAM), OUTRAM P (DURHAM), SHANKS T (DURHAM), BOYLE B J (AAO), CROOM S
(AAO), ET AL
Simulating the 2QZ Survey. ASP Conf.series vol.232: The New Era of Wide Field Astronomy, p.75, 2001
(O)

HOYLE F (DURHAM), OUTRAM P J (DURHAM), SHANKS T (DURHAM), CROOM S M (AAO),
BOYLE B J (AAO), ET AL
The 2dF QSO Redshift Survey - IV. The QSO power spectrum from the 10k catalogue. Mon Not R astr
Soc, 329:336, 2002 (A,S)

HOYLE F (DURHAM), OUTRAM P J (DURHAM), SHANKS T (DURHAM), BOYLE B J (AAO),
CROOM S M (AAO), SMITH R J (LIVERPOOL)
The 2dF QSO Redshift Survey - VII. Constraining cosmology from redshift-space distortions via the 2-
point correlation function parallel and perpendicular to line of sight . Mon Not R astr Soc, 332:311, 2002
(A)

IBATA R (STRASBOURG), IRWIN M (CAMBRIDGE), LEWIS G (AAO), FERGUSON A M N (KAPTEYN), TANVIR N (HERTFORDSHIRE)

A giant stream of metal-rich stars in the halo of the galaxy M31. *Nature*, 412:49, 2001 (O)

IBATA R A (STRASBOURG), LEWIS G F (AAO), IRWIN M J (CAMBRIDGE)

Uncovering CDM halo substructure with tidal streams. *Mon Not R astr Soc*, 332:915, 2002 (O)

IBATA R A (STRASBOURG), LEWIS G F (AAO), IRWIN M J (CAMBRIDGE), CAMBRESY L (CALTECH)

Sub-structure of the outer Galactic Halo from the 2 Micron All Sky Survey. *Mon Not R astr Soc*, 332:921, 2002 (O)

IRWIN J A (QUEENS), STIL J M (QUEENS), BRIDGES T J (AAO)

SCUBA observations of NGC 1275. *Mon Not R astr Soc*, 328:359, 2001 (O)

IRWIN M (CAMBRIDGE), FERGUSON A (KAPTEYN), TANVIR N (HERTFORDSHIRE), IBATA R (STRASBOURG), LEWIS G (AAO)

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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 ²	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