

—2012—

**Papers Submitted:**

- 267.** “A possible binary system of a stellar remnant in the high magnification gravitational microlensing event OGLE-2007-BLG-514”  
N.Miyake, et al. (201?). ApJ submitted (11 Jan 2012).
- 266.** “OGLE-2008-BLG-510: first automated real-time detection of a weak microlensing anomaly - brown dwarf or stellar binary?”  
V.Bozza, et al. (201?). MNRAS, submitted (07 Dec 2011).
- 265.** “Testing QMOND in the Solar System”  
P.Galianni, M.Feix, H.-S.Zhao, **K.Horne** (201?). PRD, submitted (28 Nov 2011).
- 264.** “Qatar-2: A K dwarf orbited by a transiting hot Jupiter and a more massive companion in an outer orbit.”  
M.L.Bryan, et al. (201?). ApJ, submitted (21 Oct 2011). (ArXiv:1110.5912).
- 263.** “The Alsubai Project Exoplanet Transit Survey.”  
K.A.Alsubai, N.R.Parley, A.Collier-Cameron, **K.Horne**, R.G.West, D.M.Bramich, P.Sorensen, J.C.Smith, D.L.Pollacco 201?. PASP, submitted (23 Dec 2010).
- 262.** “The Thermal Emission of the Exoplanets WASP-1b and WASP-2b.”  
P.J.Wheatley, et al. (201?). MNRAS, submitted (6 Apr 2010).

**Papers in Press:**

**Papers Published:**

- 261.** “One or more bound planets per Milky Way star from microlensing observations”  
A.Cassan, D.Kubas, J.-P.Beaulieu, M.Dominik, **K.Horne**, J.Greenhill, J. Wamsganss, J.Menzies, A.Williams, U.G.Jorgensen, A.Udalski, et al. 2012. Nature, 481, 167.
- 260.** “A Reverberation Lag for the High-Ionization Component of the Broad Line Region in the Narrow-Line Seyfert 1 Mrk 335”  
C.J.Grier, et al. (2011). ApJ 744, 4.

—2011—

- 259.** “Discovery and Mass Measurements of a Cold, 10-Earth Mass Planet and its Host Star”  
Y.Muraki, et al. (2011). ApJ 741, 22.
- 258.** “SuperWASP observations of pulsating Am stars.”  
B.Smallley, D.W.Kurtz, A.M.S.Smith, L.Fossati, et al. (2011). A&A 535, 3.
- 257.** “Qatar-1b: a hot Jupiter orbiting a metal-rich K dwarf star.”  
K.A.Alsubai N.R.Parley, D.M.Bramich, R.G.West, P.M.Sorensen, A.Collier Cameron, D.W.Latham, **K.Horne**, et al.(2011). MNRAS, 417, 709.
- 256.** “Binary Microlensing Event OGLE-2009-BLG-020 Gives Verifiable Mass, Distance, and Orbit Predictions”  
J.Skowron, et al. (2011) ApJ, 738, 87.
- 255.** “OGLE-2005-BLG-018: Characterization of Full Physical and Orbital Parameters of a Gravitational Binary Lens.”

I.-G.Shin, A.Udalski, C.Han, A.Gould, M.Dominik, P.Fouqué, et al. (2011). *ApJ* 735, 85.

254. “Dissecting the donor star in the eclipsing polar HU Aquarii.”  
A.D.Schwöpe, **K.Horne**, D.Steeghs, M.Still (2011). *A&A*, 531, 34.
253. “Independent Discovery of the Transiting Exoplanet HAT-P-14b.”  
E.K.Simpson, et al. (2011). *AJ*, 141, 161.
252. “MOA-2009-BLG-387Lb: a massive planet orbiting an M dwarf”  
V.Batista, et al. (2011). *A&A*, 529, 102.
251. “Short period eclipsing binary candidates identified using SuperWASP.”  
A.J.Norton, S.G.Payne, T.Evans, R.G.West, P.Wheatley, et al. (2011). *A&A*, 528, 90.
250. “A Sub-Saturn Mass Planet, MOA-2009-BLG-319Lb.”  
N.Miyake, et al. (2011). *ApJ* 728, 120.
249. “WASP-37b: A 1.8 MJ Exoplanet Transiting a Metal-poor Star.”  
E.K.Simpson, F.Faedi, et al. (2011). *AJ* 141, 8.
248. “Limb-darkening measurements for a cool red giant in microlensing event  
OGLE 2004-BLG-482.”  
M.Zub, A.Cassan, D.Heyrovsky, P.Fouque, H.C.Stempels, et al. (2011). *A&A* 525, 15.
- 2010—
247. “WASP-22b: A Transiting “Hot Jupiter” Planet in a Hierarchical Triple System.”  
P.F.L.Maxted, et al. (2010). *AJ* 140, 2007.
246. “OGLE-2005-BLG-153: Microlensing Discovery and Characterisation of a Very Low Mass  
Binary.”  
K.-H.Hwang, A.Udalski, C.Han, Y.-H.Ryu, et al. (2010). *ApJ*, 723, 797.
245. “OGLE-2009-BLG-092/MOA-2009-BLG-137: A Dramatic Repeating Event with the  
Second Perturbation Predicted by Real-Time Analysis”  
Y.-H.Ryu, C.Han, K.-H.Hwang, et al. (2010). *ApJ*, in press (27 Aug 2010). *ApJ* 723, 81.
244. “Limits on the orbits, masses and habitability of moons around close-in exoplanets”  
C.Weidener, **K.Horne** (2010). *A&A*, 521, 76.
243. “Challenging GRB models through the broadband dataset of GRB 060908.”  
S.Covino, et al. (2010). *A&A* 521, 53.
242. “The Lick AGN Monitoring Project: Velocity-Delay Maps from the Maximum-Entropy  
Method for Arp 151”  
M.C.Bentz, **K.Horne**, et al. (2010). *ApJL* 720, 46.
241. “Frequency of Solar-Like Systems and of Ice and Gas Giants Beyond the Snow Line from  
High-Magnification Microlensing Events in 2005-2008.”  
A.Gould, et al. (2010). *ApJ* 720, 1073.
240. “The first WASP public data release.”  
O.W.Butters, R.G.West, et al (2010). *A&A* 520, 10.
239. “Realisation of a fully-deterministic microlensing observing strategy for inferring planet  
populations.”  
M.Dominik, et al. (2010). *AN* 331, 671.
238. “OGLE 2008-BLG-290: an accurate measurement of the limb darkening of a galactic  
bulge K Giant spatially resolved by microlensing.”

P.Fouqué, D.Heyrovský, S.Dong, A.Gould, A.Udalski, et al. (2010). *A&A* 518, 51.

**237.** “Spectral Mapping of the Intermediate Polar DQ Herculis”

R.K.Saito, R.Baptista, **K.Horne**, P.Martell (2010). *AJ*, 139, 2542.

**236.** “Bayesian analysis of caustic-crossing microlensing events.”

A.Cassan, **K.Horne**, N.Kains, Y.Tsapras, P.Browne (2010). *A&A*, 515, 52.

**235.** “Masses and Orbital Constraints for the OGLE-2006-109Lb,c Jupiter/Saturn Analog Planetary System.”

D.Bennett et al. (2010). *ApJ* 713 837.

**234.** “A Cold Neptune-Mass Planet OGLE-2007-BLG-368Lb: Cold Neptunes Are Common.”

Sumi, T., et al. (2010). *ApJ* 710, 1641.

**233.** “WASP-17b: An Ultra-Low Density Planet in a Probable Retrograde Orbit.”

D.R.Anderson, et al. (2010). *ApJ* 709, 159.

**232.** “WASP-19b: The Shortest Period Transiting Exoplanet Yet Discovered.”

L.Hebb et al. (2010). *ApJ* 708, 224.

—2009—

**231.** “Mass measurement of a single unseen star and planetary detection efficiency for OGLE 2007-BLG-050.”

V.Batista, et al. (2009). *A&A* 508, 467.

**230.** “The main-sequence rotation-colour relation in the Coma Berenices open cluster.”

A.Collier-Cameron, et al. (2009). *MNRAS* 400, 451.

**229.** “Interpretation of Strong Short-Term Central Perturbations in the Light Curves of Moderate-Magnification Microlensing Events”

Han, C., et al. (2009). *ApJ* 705, 1116.

**228.** “Interpretation of Strong Short-Term Central Perturbations in the Light Curves of Moderate Magnification Microlensing Events.”

C.Han, et al (2009). *ApJ* 705, 1116.

**227.** “Extreme Magnification Microlensing Event OGLE-2008-BLG-279: Strong Limits on Planetary Companions to the Lens Star”

J.C.Yee, et al. (2009). *ApJ* 703, 2082.

**226.** “WASP-16b: A New Jupiter-Like Planet Transiting a Southern Solar Analog.”

T.A.Lister, et al. (2009). *ApJ* 703, 752.

**225.** “An orbital period of 0.94 days for the hot-Jupiter planet WASP-18b.”

C.Hellier, et al. (2009). *Nature* 460, 1098.

**224.** “Difference Imaging Photometry of Blended Gravitational Microlensing Events with a Numerical Kernel.”

M.D.Albrow, **K.Horne**, D.M.Bramich, P.Fouqué, V.R.Miller et al. (2009). *MNRAS* 397, 2099.

**223.** “A Metric and Optimisation Scheme for Microlens Planet Searches.”

**K.Horne**, C.Snodgrass, Y.Tsapras (2009). *MNRAS* 396, 2087.

**222.** “The 0.5  $M_J$  Transiting Exoplanet WASP-13b.”

I.Skillen, et al. (2009). *A&A* 502, 391.

**221.** “Discovery and Characterization of WASP-6b, an Inflated Sub-Jupiter Mass Planet Transiting a Solar-type Star.”

M.Gillon, et al. (2009). *A&A* 501, 785.

**220.** “The Extreme Microlensing Event OGLE-2007-BLG-224: Terrestrial Parallax Observation of a Thick-Disk Brown Dwarf.”

A.Gould, et al. (2009). *ApJ* 698, 147.

**219.** “The Low Density Transiting Exoplanet WASP-15b.”

R.G.West, et al. (2009). *AJ*, 137, 4834.

**218.** “A Systematic Fitting Scheme for Caustic-crossing Microlensing Events.”

N.Kains, A.Cassan, **K.Horne**, et al. (2009). *MNRAS* 395, 787.

**217.** “OGLE-2005-BLG-071Lb, the Most Massive M-Dwarf Planetary Companion?”

S.Dong, et al. (2009). *ApJ* 695, 970.

**216.** “Long term Optical and X-ray Variability of the Seyert Galaxy Markarian 79.”

E.Breedt, et al. (2009). *MNRAS* 394, 427.

**215.** “WASP-12b: the hottest transiting extra-solar planet yet discovered.”

L.Hebb, et al. (2009). *ApJ* 693, 1920.

**214.** “WASP-10b: a 3  $M_J$ , gas-giant planet transiting a late-type K star”,

C.Christian, et al. (2009). *MNRAS* 392, 1585.

**213.** “WASP-14b: 7.3  $M_J$  transiting planet in an eccentric orbit”,

Y.Joshi, et al. (2009). *MNRAS* 392, 1532.

**212.** “WASP-7: a Bright Transiting Exoplanet System in the Southern Hemisphere.”

C.Hellier, et al. (2009). *ApJ* 690, 89.

**211.** “RoboNet-II: Follow-up observations of microlensing events with a robotic network of telescopes.”

Y.Tsapras, R.Street, **K.Horne**, et al. (2009). *AN* 330, 4.

—2008—

**210.** “WASP-5b: a dense, very-hot Jupiter transiting a 12th-mag Southern-Hemisphere star.”

D.R.Anderson, et al. (2008). *MNRAS* 387, 4.

**209.** “Limits on additional planetary companions to OGLE 2005-BLG-390L”.

D.Kubas, et al. (2008). *A&A* 483, 317.

**208.** “WASP-3b: a strongly-irradiated transiting gas-giant planet”

D.Pollacco, et al. (2008). *MNRAS* 385, 1576.

**207.** “SuperWASP-N extra-solar planet candidates from fields  $06\text{ h} < \text{RA} < 16\text{ h}$ .”

S.R.Kane, et al. (2008). *MNRAS* 384, 1097.

**206.** “WASP-4b: a 12th-magnitude transiting hot Jupiter in the Southern Hemisphere.”

D.M.Wilson, et al. (2008). *MNRAS* 675, 113.

**205.** “Discovery of a Jupiter/Saturn Analog with Gravitational Microlensing”

S.Gaudi, et al. (2008). *Science* 319, 927.

**204.** “ARTEMiS (Automated Robotic Terrestrial Exoplanet Microlensing Search): A possible expert-system based cooperative effort to hunt for planets of Earth mass and below.”

M.Dominik, **K.Horne**, A.Allan, N.J.Rattenbury, Y.Tsapras, C.Snodgrass, M.F.Bode, M.J.Burgdorf, S.N.Fraser, E.Kerins, C.J.Mottram, I.A.Steele, R.A.Street, P.J.Wheatley, L.Wyrzykowski (2008). *AN*, 329, 248.

—2007—

**203.** “SuperWASP-North extrasolar planet candidates between  $3^h < \text{RA} < 6^h$ .”

W.I.Clarkson, et al. (2007). MNRAS 381, 851.

**202.** “Efficient identification of exoplanetary transit candidates from SuperWASP light curves.”  
A.Collier-Cameron, D.M.Wilson, R.G.West, L.Hebb, X-B.Wang, et al. (2007). MNRAS  
380, 1230.

**201.** “Testing thermal reprocessing in AGN accretion disks”  
E.M.Cackett, **K.Horne**, H.Winkler (2007). MNRAS 380, 669.

**200.** “SuperWASP-North Extra-Solar Planet Candidates: candidates between  $18^h < RA$   
 $< 21^h$ .”  
R.A.Street, et al. MNRAS 379, 816.

**199.** “SuperWASP-North Extra-Solar Planet Candidates: candidates from fields  $17^h < RA$   
 $< 18^h$ .”  
T.A.Lister, R.G.West, D.M.Wilson, et al. (2007). MNRAS 379, 647.

**198.** “NGC 5548 in a Low-Luminosity State: Implications for the Broad-Line Region”  
M.C.Bentz, K.D.Denney, et al. (2007). ApJ 662, 205.

**197.** “New periodic variable stars coincident with ROSAT sources discovered using  
SuperWASP”  
A.J.Norton, P.J.Wheatley, R.G.West, C.A.Haswell, R.A.Street, et al. (2007). A&A 467, 785.

**196.** “Exoplanet detection via microlensing with RoboNet-1.0”  
M.J.Burgdorf, D.M.Bramich, M.Dominik, M.F.Bode, **K.Horne**, I.A.Steele, N.Rattenbury,  
Y.Tsapras (2007). P&SS, 55, 582.

**195.** “WASP-1b and WASP-2b: two new transiting exoplanets detected with SuperWASP and  
SOPHIE”  
A.Collier-Cameron, et al. (2007). MNRAS 375, 951.

—2006—

**194.** “No Supernovae associated with two long-duration gamma-ray bursts.”  
J.P.U.Fynbo, et al. (2006). Nature, 444, 1047.

**193.** “The impact of correlated noise on SuperWASP detection rates for transiting extrasolar  
planets.”  
A.M.S.Smith, A.Collier Cameron, et al. (2006). MNRAS 373, 1151.

**192.** “A fast hybrid algorithm for exoplanetary transit searches”  
A.Collier Cameron et al. (2006). MNRAS 373, 799.

**191.** “Looking towards the detection of exoearths with SuperWASP”  
R.A.Street, et al. (2006). IJAsB 5, 183.

**190.** “The Mass of the Black Hole in the Seyfert 1 Galaxy NGC 4593 from Reverberation  
Mapping.”  
K.D.Denney, et al. (2006). ApJ 653, 152.

**189.** “OGLE 2004-BLG-254: a K2 III Galactic Bulge giant spatially resolved by a single  
microlens.”  
A.Casan, et al. (PLANET, OGLE) (2006). A&A 460, 277.

**188.** “The SuperWASP Wide-Field Exoplanetary Transit Survey: Candidates from Fields  
 $23^h < RA < 03^h$ ”  
D.J.Christian, et al. (2006). MNRAS 372, 1117.

**187.** “A Reverberation-Based Mass for the Central Black Hole in NGC 4151.”

M.C.Bentz, et al. (2006). *ApJ* 651, 775.

186. “The WASP Project and the SuperWASP Cameras”  
D.L.Pollacco, I.Skillen, et al. (2006). *PASP* 118, 1407.
185. “SuperWASP Observations of the Transiting Extrasolar Planet XO-1b.”  
D.M.Wilson, B.Enoch, et al. (2006). *PASP* 118, 1245.
184. “Multiwavelength Observations of EXO 0748-676 – I. Reprocessing of X-Ray Bursts.”  
R.I.Hynes, **K.Horne**, K.O’Brien, C.A.Haswell, E.L.Robinson, A.R.King, P.A.Charles,  
K.J.Pearson (2006). *ApJ* 648, 1156.
183. “The WASP project in the era of robotic telescope networks.”  
D.J.Christian, D.L.Pollacco, I.Skillen, J.Irwin, et al. (2006). *AN* 327, 800.
182. “The WASP Project and the SuperWASP Cameras”  
D.L.Pollacco, et al. (2006). *AP&SS* 304, 253.
181. “X-ray Gas in Galaxy Cluster Abell 2029: Conformal Gravity vs Dark Matter”.  
**K.Horne** (2006) *MNRAS* 369, 1667.
180. “Microlens OGLE-2005-BLG-169 Implies Cool Neptune-like Planets Are Common.”  
A.Gould, et al. (microFUN, OGLE, MOA, PLANET/Robonet) (2006). *ApJL* 644, 37.
179. “The first cool rocky/icy exoplanet.”  
M.Dominik, **K.Horne**, M.F.Bode (2006). *A&G*, 47, 25.
178. “Testing Bekenstein’s relativistic Modified Newtonian Dynamics with lensing data.”  
H-S.Zhao, D.Bacon, A.Taylor, **K.Horne** (2006). *MNRAS* 368, 171.
177. “Upper Limits on the Hot Jupiter Fraction in the Field of NGC 7789.”  
D.M.Bramich, **K.Horne** (2006). *MNRAS* 367, 1677.
176. “Photoionised H $\beta$  Emission in NGC 5548: It Breathes!”  
E.M.Cackett, **K.Horne** (2006) *MNRAS* 365, 1180.
175. “Discovery of a cool planet of 5.5 Earth masses through gravitational microlensing.”  
J-P.Beaulieu, et al. (PLANET/Robonet, OGLE, MOA) (2006). *Nature* 439, 437.

—2005—

174. “Results from the Wide Angle Search for Planets Prototype (WASP0) III: Planet Hunting in the Draco Field.”  
S.R.Kane, A.Collier-Cameron, **K.Horne**, D.James, T.A.Lister, D.L.Pollacco, R.A.Street,  
Y.Tsapras (2005). *MNRAS* 364, 1091.
173. “Results from the Wide Angle Search for Planets Prototype (WASP0) II: Stellar Variability in the Pegasus Field.”  
S.R.Kane, T.A.Lister, A.Collier-Cameron, **K.Horne**, D.James, D.L.Pollacco, R.A.Street,  
Y.Tsapras (2005). *MNRAS* 362, 117.
172. “A Jovian-Mass Planet in Microlensing Event OGLE 2005-BLG-071.”  
A.Udalski, et al. (OGLE, microFUN, MOA, PLANET/RoboNet) (2005). *ApJL* 628, 109.
171. “A Dearth of Planetary Transits in the Direction of NGC 6490.”  
B.Hood, A.Collier-Cameron, S.R.Kane, D.M.Bramich, **K.Horne**, R.A.Street, I.A.Bond,  
A.J.Penny, Y.Tsapras, A.Quirrenbach, N.Safizadeh, D.Mitchell, J.Cooke (2005). *MNRAS*  
360, 791.
170. “Full characterisation of binary-lens event OGLE 2002-BLG-069 from PLANET observations.”

D.Kubas, A.Casan, J.P.Beaulieu, C.Coutures, M.Dominik, et al.(PLANET) (2005) *A&A* 435, 941.

169. “A survey for planetary transits in the field of NGC 7789.”  
D.M.Bramich, **K.Horne**, R.A.Street, A.Collier Cameron, B.Hood, J.Cooke, D.James, T.J.Lister, D.Mitchell, K.Pearson, A.Penny, A.Quirrenbach, N.Safizadeh, Y.Tsapras (2005) *MNRAS* 359, 1096.
168. “Variable stars in the field of open cluster NGC 6819 – II.”  
R.A.Street, **K.Horne**, T.A.Lister, A.Penny, Y.Tsapras, A.Quirrenbach, N.Safizadeh, J.Cooke, D.Mitchell, A.Collier-Cameron (2005). *MNRAS* 358, 795.
167. “HST/FOS Time-Resolved Spectral Mapping of IP Peg at the End of an Outburst.”  
R.K.Saito R.Baptista, **K.Horne** (2005). *A&A* 433, 1085.
166. “Fireballs, Flares and Flickering: A Semi-analytic, LTE, Explosive Model from Accretion Discs to Supernovae.”  
K.J.Pearson, **K.Horne**, W.Skidmore (2005). *ApJ* 619, 999.
- 2004—
165. “OGLE-2003-BLG-238: Microlensing Mass Estimate of an Isolated Star.”  
G.Jiang, et al. (microFUN, OGLE, PLANET) (2004). *ApJ* 617, 1307.
164. “Potential Direct Single-Star Mass Measurement.”  
H.Ghosh, et al. (microFUN, MOA, OGLE, PLANET) (2004). *ApJ* 615, 450.
163. “PASS: An All-Sky Survey for the Detection of Transiting Extrasolar Planets and for Permanent Variable Star Tracking.”  
H.J.Deeg, R.Alonso, J.A.Belmonte, K.Alsubai, **K.Horne**, L.Doyle (2004). *PASP* 116, 985.
162. “The pre-main-sequence binary HK Ori: spectro-astrometry and EXPORT data.”  
D.Baines, et al. (20 authors) (2004). *MNRAS* 353, 697.
161. “Results from the Wide Angle Search for Planets Prototype (WASP0) I: Analysis of the Pegasus Field.”  
S.R.Kane, A.Collier-Cameron, **K.Horne**, D.James, T.A.Lister, D.L.Pollacco, R.A.Street, Y.Tsapras (2004). *MNRAS* 353, 689.
160. “The abundance of galactic planets from OGLE-III 2002 microlensing data.”  
C.Snodgrass, **K.Horne**, Y.Tsapras (2004). *MNRAS* 351, 967.
159. “Observational Requirements for High-Fidelity Reverberation Mapping.”  
**K.Horne**, B.M.Peterson, S.J.Collier, H.Netzer (2004). *PASP* 116, 465.
158. “High-speed Keck II and RXTE Spectroscopy of Cyg X-2 – I. Three X-ray Components Revealed by Correlated Variability.”  
K.O’Brien, **K.Horne**, R.Gomer, J.B.Oke, M.van der Klis (2004). *MNRAS* 350, 587.
157. “Probing the atmosphere of the bulge G5III star OGLE-2002-BUL-069 by analysis of microlensed H $\alpha$  line.”  
A.Cassan, et al. (28 authors) (2004). *A&A* 419, 1.
156. “Study of the properties and spectral energy distributions of the Herbig AeBe stars HD 34282 and HD 141569.”  
B.Merlin, et al. (24 authors) (2004). *A&A* 419, 225.
155. “Dynamics of the circumstellar gas in the Herbig Ae stars BF Ori, SV Cep, WW Vul, and XY Per.”

A.Mora, et al. (25 authors) (2004). *A&A* 419, 225.

154. “The Millennium Galaxy Catalog: Star Counts and Structure of the Galactic Stellar Halo.”  
D.J.Lemon, R.F.G.Wyse, J.Liske, S.P.Driver, **K.Horne** (2004). *MNRAS* 347, 1043.
153. “The Spectral Energy Distribution and Emission-Line properties of the NLS1 Galaxy Arakelian 564.”  
P.Romano, S.Mathur, T.J.Turner, S.B.Kraemer, D.M.Crenshaw, B.M.Peterson, R.W.Pogge, W.N.Brand, I.M.George, **K.Horne**, G.A.Kriss, H.Netzer, O.Shemmer, W.Wamsteker (2004). *ApJ* 602, 635.
152. “A Prototype for the PASS Permanent All Sky Survey.”  
H.J.Deeg, R.Alonso, J.A.Belmonte, **K.Horne**, K.Alsubai, A.Collier-Cameron, L.Doyle (2004). *AN* 325, 643. (astro-ph/0409557).
151. “Status of SuperWASP I (La Palma).”  
R.A.Street, et al.(19 authors) (2004). *AN* 325, 565.
150. “Kronos: A Satellite for Astrotomography.”  
B.M.Peterson, R.S.Polidan, **K.Horne** (2004). *AN* 325, 248.
149. “Echo Mapping of Active Galactic Nuclei.”  
B.M.Peterson, **K.Horne** (2004). *AN* 325, 248.
148. “HST/FOS eclipse mapping of IP Pegasi in Outburst.”  
R.K.Saito, R.Baptista, **K.Horne** (2004). *AN* 325, 213.

—2003—

147. “A search for starlight reflected from HD 75289 b.”  
C.Leigh, A.Collier Cameron, S.Udry, J.-F.Donati, **K.Horne**, D.James, A.Penny (2003). *MNRAS* 346, L16.
146. “The remarkable rapid X-ray, ultraviolet, optical, and infrared variability in the black hole XTE J1118+480.”  
R.I.Hynes, C.A.Haswell, W.Cui, C.R.Shrader, K.O’Brien, S.Chaty, D.R.Skillman, J.Patterson, **K.Horne** (2003). *MNRAS* 345, 292.
145. “A new upper limit on the reflected starlight from  $\tau$  Bootis b.”  
C.Leigh, A.Collier Cameron, **K.Horne**, A.Penny, D.James (2003). *MNRAS* 344, 1271.
144. “A Concept for an STJ-based Echelle Spectrograph.”  
M.Cropper, M.Barlow, M.A.C.Perryman, **K.Horne**, R.Bingham, M.Page, P.Guttridge, A.Smith, A.Peacock, D.Walker, P.Charles (2003). *MNRAS* 344, 33.
143. “Microlensing Limits on Numbers and Orbits of Extra-Solar Planets from the 1998-2000 OGLE events.”  
Y.Tsapras, **K.Horne**, S.Kane, R.Carson (2003). *MNRAS* 343, 1131.
142. “Searching for Planetary Transits in the Field of Open Cluster NGC 6819 - I.”  
R.A.Street, **K.Horne**, T.A.Lister, A.Penny, Y.Tsapras, A.Quirrenbach, N.Safizadeh, D.Mitchell, J.Cooke, A.C.Cameron (2003). *MNRAS* 340, 1287 (2003).
141. “Quasar Tomography: Unification of Echo Mapping and Photoionization Models.”  
**K.Horne**, K.T.Korista, M.Goad (2003). *MNRAS* 339, 367.
140. “Fireball Models for Flares in AE Aqr.”  
K.J.Pearson, **K.Horne**, W.Skidmore (2003). *MNRAS* 338, 1067.
139. “High Speed Keck Spectroscopy of Flares and Oscillations in AE Aqr.”

W.Skidmore, K.O'Brien, **K.Horne**, R.Gomer, J.B.Oke, K.J.Pearson (2003). MNRAS 338, 1057.

—2002—

138. “Constraints on Jupiters from Observations of Galactic Bulge Microlensing Events during 2000.”  
Y.Tsapras, **K.Horne**, R.Carson, J.M.Alvarez, D.Batcheldor, A.W.Graham, P.A.James, J.Knapen, H.Quaintrell, I.G.Serrano, P.Sorensen N.Wooder (2002). MNRAS 337, 41.
137. “A dynamical study of the circumstellar gas in UX Orionis.”,  
A.Mora, A.Natta, C.Eiroa, C.A.Grady, D.de Winter, J.K.Davies, R.Ferlet, A.W.Harris, B.Montesinos, R.D.Oudmaijer, H.Rauer, A.Alberdi, A.Cameron, H.J.Deeg, F.Garzón, **K.Horne** B.Merín, A.Penny, J.Schneider, E.Solano, Y.Tsapras, P.R.Wesselius (2002). A&A 393, 259.
136. “Spectroscopic Observations of the candidate sgB[e]/X-ray Binary CI Cam.”  
R.I.Hynes, J.S.Clark, E.A.Barsukova, P.J.Callanan, P.A.Charles, A.Collier-Cameron, N.S.Fabrika, M.R.Garcia, C.A.Haswell, **K.Horne**, A.Miroshnichenko, I.Negueruela, P.Reig, W.F.Welsh, D.K.Witherick (2002). A&A 292, 991.
135. “Echoes in X-ray Binaries.”  
K.O'Brien, **K.Horne**, R.I.Hynes, W.Chen, C.A.Haswell, M.D.Still (2002). MNRAS 334, 426.
134. “The Patchy Accretion Disk in HT Cas.”  
S.Vriellmann, F.V.Hessman, **K.Horne** (2002). MNRAS 332, 176.
133. “On the Simultaneous Optical and Near-Infrared Variability of Pre-Main Sequence Stars.”  
C.Eiroa, R.D.Oudmaijer, J.K.Davies, D.de Winter, F.Garzón, J.Palacios, A.Alberdi, R.Ferlet, C.A.Grady, A.Cameron, H.J.Deeg, A.W.Harris, **K.Horne**, B.Merín, L.F.Miranda, B.Montesinos, A.Mora, A.Penny, A.Quirrenbach, H.Rauer, J.Schneider, E.Solano, Y.Tsapras, P.R.Wesselius, (2002) A&A 384, 1038.
132. “Variable Stars in the Field of Open Cluster NGC 6819.”  
R.A.Street, **K.Horne**, T.A.Lister, A.Penny, Y.Tsapras, A.Quirrenbach, N.Safzadeh, J.Cooke, D.Mitchell, A.C.Cameron (2002). MNRAS 330, 737.
131. “A Search for Starlight Reflected from Upsilon And’s Innermost Planet.”  
A.C.Cameron, **K.Horne**, A.Penny, C.Leigh (2002). MNRAS 330, 187.
130. “Reddening, Emission-Line, and Intrinsic Absorption Properties in the Narrow-Line Seyfert 1 Galaxy Akn 564.”  
D.M.Crenshaw, S.B.Kraemer, T.J.Turner, S.Collier, B.M.Peterson, et al. (17 authors) (2002). ApJ 566, 187.

—2001—

129. “EXPORT: Optical Photometry and Polarimetry of Vega-type and Pre-Main Sequence Stars.”  
R.D.Oudmaijer, J.Palacios, C.Eiroa, et al (23 authors) (2001). A&A 379, 564.
128. “Multiwavelength Monitoring of the Narrow-Line Seyfert 1 Galaxy Akn 564. II. Ultraviolet Continuum and Emission-Line Variability.”  
S.Collier, D.M.Crenshaw, B.M.Peterson, et al. (18 authors) (2001). ApJ 561, 146.
127. “Keck II Spectroscopy of mHz Quasi-Periodic Oscillations in Her X-1.”

K.O'Brien, **K.Horne**, B.Boroson, M.D.Still, R.Gomer, J.B.Oke, P.Boyd, S.D.Vrtilek (2001). MNRAS 326, 1067

126. "Can Jupiters be found by Monitoring Galactic Bulge Microlensing Events from Northern Sites?"

Y.Tsapras, R.A.Street, **K.Horne**, et al. (26 authors) (2001) MNRAS 325, 120.

125. "RXTE Observations of Her X-1 During the July 1998 Short-high State."

M.Still, K.O'Brien, **K.Horne**, D.Hudson, B.Boroson, S.D.Vrtilek, H.Quaintrell, H.Fiedler (2001). ApJ 553, 776.

124. "Atmospheric Reflection during an Anomalous Low-State of Her X-1."

M.Still, K.O'Brien, **K.Horne**, B.Boroson, L.G.Titarchuk, K.Engle, S.D.Vrtilek, H.Quaintrell, H.Fiedler (2001). ApJ 554, 352.

123. "Emission Line Oscillations in the Dwarf Nova V2051 Oph."

D.Steeghs, K.O'Brien, **K.Horne**, R.Gomer, J.B.Oke (2001). MNRAS 323, 484.

122. "Monitoring of the Optical and 2.5-11.7 Micron Spectrum and Mid-IR Imaging of the Seyfert 1 Galaxy Mrk 279 with ISO."

M. Santos-Lleo, J.Clavel, B.Shulz, et al. (32 authors) (2001). A&A 369, 57.

121. "Planetary Dynamics in Stellar Clusters."

I.A.Bonnell, K.W.Smith, M.B.Davies, **K.Horne** (2001) MNRAS 322, 859.

120. "EXPORT: Near-IR Observations of Vega-type and Pre-main Sequence Stars."

C.Eiroa, F.Garzón, et al. (24 authors) (2001). A&A 365, 110.

—2000—

119. "Discovery of Millihertz Ultraviolet Quasi-Periodic Oscillations in Her X-1."

B.Boroson, K.O'Brien, **K.Horne**, T.Kallman, M.Still, P.T.Boyd, H.Quaintrell, S.D.Vrtilek (2000). ApJ 545, 399.

118. "Temporal Variations of the White Dwarf and Disk in OY Car Following the 1992 Superoutburst."

F-H.Cheng, **K.Horne**, T.R.Marsh, I.Hubeny, E.M.Sion (2000). ApJ 652, 1064.

117. "Spatially Resolved Spectra of the Accretion Disc of the Nova-Like Variable UU Aqr."

R.Baptista, C.Silveira, J.E.Steiner, **K.Horne** (2000). MNRAS 314, 713.

—1999—

116. "Analysis of the Oscillations in HST Observations of the Quiescent SU UMa type Dwarf Nova WZ Sagittae."

W.Skidmore, W.F.Welsh, J.H.Wood, M.S.Catalan, **K.Horne** (1999). MNRAS 310, 750.

115. "Probable detection of Starlight Reflected from the Giant Exoplanet Orbiting Tau Bootis."

A.C.Cameron, **K.Horne**, A.Penny, D.James (1999). Nature 402, 751.

114. "Physical Parameter Eclipse Mapping."

S.Vrielmann, **K.Horne**, F.V.Hessman (1999). MNRAS 306, 766.

113. "Spiral Shocks in the Accretion Disc of IP Peg during Outburst Maximum."

E.T.Harlaftis, D.Steeghs, **K.Horne**, E.Martin, A.Magazzu (1999). MNRAS 306, 348.

112. "The emission-line Pulse Pattern in the Intermediate Polar RX J0558+53."

E.T.Harlaftis, **K.Horne** (1999). MNRAS 305, 437.

111. "Modelling of the Magnetic Accretion Flow in HU Aqr."

C.Heerlein, **K.Horne**, A.D.Schwope (1999). MNRAS 304, 145.

110. “A New Direct Method for Measuring the Hubble Constant from Reverberating Accretion Disks in Active Galaxies.”

S.Collier, **K.Horne**, I.Wanders, B.Peterson (1999). MNRAS 302, L24.

109. “Keck Observations of the Black-Hole Candidate GRO J0422+32 Revisited.”

E.T.Harlaftis, S.J.Collier, **K.Horne**, A.V.Filippenko (1999). A&A 341, 491.

—1998—

108. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. XIII. Ultraviolet Observations of the Broad-Line Radio Galaxy 3C 390.3.”

P.T.O’Brien, et al. (86 authors) (1998). ApJ 509, 163.

107. “The Discovery and Broadband Follow-up of the Transient Afterglow of GRB 980703.”

J.S.Bloom, et al. (17 authors) (1998) ApJ 508, 21.

106. “HST and Ground-Based Eclipse Observations of V2051 Ophiuchi: Binary Parameters.”

R.Baptista, M.S.Catalan, **K.Horne**, D.Zilli (1998). MNRAS 300, 233.

105. “The 1996 Outburst of GRO J1655-40: The Challenge of Interpreting the Multiwavelength Spectra.”

R.I.Hynes, C.A.Haswell, C.R.Shrader, W.Chen, **K.Horne**, E.T.Harlaftis, K.O’Brien, C.Hellier, R.P.Fender (1998). MNRAS 300, 64.

104. “Echoes from an Irradiated Disc in GRO J1655-40.”

R.I.Hynes, K.O’Brien, **K.Horne**, W.Chen, C.A.Haswell (1998) MNRAS 299, L37.

103. “A Double-Frequency Dwarf Nova Oscillation in OY Car.”

T.R.Marsh, **K.Horne** (1998) MNRAS 299, 921.

102. “HST Spatially-resolved Spectra of the Accretion Disc and Gas Stream of the Nova-like Variable UX Ursae Majoris.”

R.Baptista, **K.Horne**, R.A.Wade, I.Hubeny, K.S.Long, R.G.M.Rutten (1998). MNRAS 298, 1079.

101. “Doppler Signatures of H $\alpha$  Flares in AE Aqr.”

W.F.Welsh, **K.Horne**, R.H.Gomer (1998). MNRAS 298, 285.

100. “On Uncertainties in Cross-Correlation Lags and the Reality of Wavelength-Dependent Continuum Lags in Active Galactic Nuclei.”

B.M.Peterson, I.Wanders, **K.Horne**, S.Collier, T.Alexander, S.Kaspi, D.Maoz (1998). PASP 110, 660.

99. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. XIV. Intensive Optical Spectrophotometric Observations of NGC 7469.”

S.Collier, **K.Horne**, S.Kaspi, et al. (22 authors) (1998). ApJ 500, 162.

98. “Recovery of 29 s Coherent Oscillations in the HST/FOS Eclipse Observations of the Nova-like Cataclysmic Variable UX UMa.”

C.Knigge, N.Drake, K.S.Long, R.A.Wade, **K.Horne**, R.Baptista, (1998). ApJ 499, 429.

97. “HST/FOS Eclipse Observations of the Nova-like Cataclysmic Variable UX Ursae Majoris.”

C.Knigge, K.S.Long, R.A.Wade, **K.Horne**, R.Baptista, I.Hubeny, R.G.M.Rutten (1998). ApJ 499, 414.

96. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. XII. Ground-Based Monitoring of 3C 390.3.”

M.Dietrich, B.M.Peterson, et al. (58 authors) (1998). *ApJS* 115, 185.

—1997—

95. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. XI. Intensive Monitoring of the Ultraviolet Spectrum of NGC 7469.”  
I.Wanders, et al. (87 authors) (1997). *ApJS* 113, 69.
94. “Eclipse Maps of the Dwarf Nova IP Peg on the Decline from Outburst.”  
A.Bobinger, **K.Horne**, K.H.Mantel, S.Wolf (1997). *A&A* 327, 1023.
93. “Spiral Structure in the Accretion Disk of the Binary IP Pegasi.”  
D.Steeghs, E.T.Harlaftis, **K.Horne** (1997). *MNRAS* 290, L28. (Erratum: *MNRAS*, 296, 463)
92. “A Doppler Map and Mass-Ratio Constraint for the Black-Hole X-ray Nova Ophiuchi 1977.”  
E.T.Harlaftis, D. Steeghs, **K.Horne**, A.V.Filippenko (1997). *AJ* 114, 1170.
91. “HST Synthetic Spectral Analysis of U Gem in Early and Late Quiescence: A Heated White Dwarf and Accretion Belt?”  
F-H.Cheng, E.M.Sion, **K.Horne**, I.Hubeny, M.Huang, S.D.Vrtilek (1997). *AJ* 114, 1165.
90. “HST Observations of IP Pegasi in Quiescence: the Pre-Eclipse Spectrum.” D.W.Hoard, R.Baptista, M.Eracleous, **K.Horne**, K.A.Misselt, A.W.Shafter, P.Szkody, J.H.Wood (1997). *MNRAS* 288, 691.
89. “Kilohertz Quasi-Periodic Oscillation Peak Separation is Not Constant in Sco X-1.”  
M. van der Klis, R.Wijnands, **K.Horne**, W.Chen (1997). *ApJL* 481, 97.
88. “Magnetic Pumping in the Cataclysmic Variable AE Aqr.”  
J.Kuijpers, L.Fletcher, M.Abada-Simon, **K.Horne**, M.A.Raadu, G.Ramsay, D.Steeghs (1997). *A&A* 322, 242.
87. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. IX. Ultraviolet Observations of Fairall 9.”  
P.M.Rodriguez-Pascual, et al. (56 authors) (1997). *ApJS* 110, 9.
86. “The Intricate Optical Line Behaviour of the Nova-Like System V795 Her.”  
R.Dickinson, R.K.Prinja, S.R.Rosen, A.King, C.Hellier, **K.Horne** (1997). *MNRAS* 286, 447.
85. “A Magnetic Propeller in the Cataclysmic Variable AE Aqr.”  
G.A.Wynn, A.R.King, **K.Horne** (1997). *MNRAS* 286, 436.
84. “Detection of the X-ray-heated companion of X1822-371.”  
E.T.Harlaftis, P.A.Charles, **K.Horne** (1997). *MNRAS* 285, 673.
83. “Phase-Resolved High Resolution Spectrophotometry of the Eclipsing Polar HU Aqr.”  
A.D.Schwope, K.H.Mantel, **K.Horne** (1997). *A&A* 319, 894.

—1996—

82. “A Month in the Life of NGC 4151: Velocity-Delay Maps of the Broad-Line Region.”  
M.-H.Ulrich, **K.Horne** (1996). *MNRAS* 283, 748.
81. “The Speedy Magnetic Propeller in the Cataclysmic Variable AE Aqr.”  
M.Eracleous, **K.Horne** (1996). *ApJ* 471, 427.
80. “The Disappearing Broad Absorption Lines and Variable Emission Lines in NGC 3516.”

A.Koratkar, M.Goad, P.T.O'Brien, M.Goad, I.Salamanca, I.Wanders, et al. (20 authors) (1996). *ApJ* 470, 378.

79. "Multiwavelength Observations of Short-Timescale Variability in NGC 4151. IV. Analysis of Multiwavelength Continuum Variability."  
R.A.Edelson et al. (105 authors) (1996). *ApJ* 470, 364.
78. "Multiwavelength Observations of Short-Timescale Variability in NGC 4151. I. Ultraviolet Observations."  
D.M.Crenshaw et al. (86 authors) (1996). *ApJ* 470, 322.
77. "The Mass Ratio and the Disk Image of the X-Ray Nova GS2000+25."  
E.T.Harlaftis, **K.Horne**, A.V.Filippenko (1996). *PASP* 108, 762.
76. "Multicolor Eclipse Studies of UU Aqr: II. The Accretion Disk."  
R.Baptista, J.E.Steiner, **K.Horne** (1996). *MNRAS* 282, 99.
75. "Slingshot Prominences during Dwarf Nova Outbursts?"  
D.Steeghs, **K.Horne**, T.R.Marsh, J.F.Donati (1996). *MNRAS* 281, 626.

—1995—

74. "The Spin Period of the Intermediate Polar RX J0558+53."  
A.Allan, **K.Horne**, C.Hellier, K.Mukai, H.Barwig, P.J.Bennie, R.W.Hilditch (1996). *MNRAS* 279, 1345.
73. "Superhumps and Ultraviolet Superdips: HST Observations of OY Car."  
I.Billington, T.R.Marsh, **K.Horne**, F.Cheng, G.Thomas, A.Bruch, D.O'Donoghue, M.Eracleous (1996). *MNRAS* 279, 1274.
72. "The 71-Second Oscillation in the Light Curve of the Old Nova DQ Her."  
E.Zhang, E.L.Robinson, R.F.Stiening, **K.Horne** (1995). *ApJ* 454, 447.
71. "The Geometry and Kinematics of the Broad-Line Region in NGC 5548 from HST and IUE Observations."  
I.Wanders, M.R.Goad, K.T.Korista, B.M.Peterson, **K.Horne**, G.Ferland, A.P.Koratkar, R.W.Pogge, J.C.Shields (1995). *ApJL* 453, L87.
70. "A Study of the Absorption Lines from the Donor Star in the Exotic Cataclysmic Variable AE Aqr."  
W.F.Welsh, **K.Horne**, R.Gomer (1995). *MNRAS* 275, 649.
69. "HST and R-band Eclipse Maps of the UX UMa Accretion Disk."  
R.Baptista, **K.Horne**, R.W.Hilditch, K.O.Mason, J.E.Drew (1995). *ApJ* 448 395
68. "Taking the Pulse of DQ Her."  
P.J.Martell, **K.Horne**, R.H.Gomer, C.M.Price (1995). *ApJ* 448, 380.
67. "Spectroscopic Monitoring of Active Galactic Nuclei from CTIO. I. NGC 3227."  
C.Winge, B.M.Peterson, **K.Horne**, R.W.Pogge, M.G.Pastoriza, T.Storchi-Bergmann (1995). *ApJ* 445, 680.
66. "The Discovery of High Velocity Flares in NV and the Detection of Carbon in the Double Degenerate Binary GP Com."  
T.R.Marsh, J.H.Wood, **K.Horne**, and D.Lambert (1995). *MNRAS* 274, 452.
65. "Eclipse Observations of an Accretion Disk Wind."  
K.O.Mason, J.E.Drew, F.A.Cordova, **K.Horne**, R.W.Hilditch, C.Knigge, T.Lanz, T.Meylan (1995). *MNRAS* 274, 271.
64. "Emission Line Signatures of Anisotropic Turbulence in Accretion Disks."

**K.Horne** (1995). *A&A* 297, 273.

63. “Steps Toward Determination of the Size and Structure of the Broad Line Region in Active Galactic Nuclei. VIII. An Intensive HST, IUE, and Ground-based Study of NGC 5548.”  
K.T.Korista, et al. (112 authors) (1995). *ApJS* 97, 285.
62. “The Dim Inner Accretion Disk of the Quiescent Black Hole A0620-00.”  
J.McClintock, **K.Horne**, R.Remillard (1995). *ApJ* 442, 358.
61. “Multi-Wavelength Monitoring of the BL Lacertae Object PKS 2155–304:  
IV.Multi-Wavelength Analysis.”  
R.Edelson, J.Krolik, G.Madejski, L.Maraschi, G.Pike, C.M.Urry, et al. (50 authors) (1995).  
*ApJ* 438, 120.

—1994—

60. “Echo Mapping of AGN Broad-Line Regions : Fundamental Algorithms.”  
R.Vio, **K.Horne**, W.Wamsteker (1994). *PASP* 106, 1091.
59. “The Ultraviolet Pulsations of the Cataclysmic Variable AE Aqr as Observed with the Hubble Space Telescope.”  
M.Eracleous, **K.Horne**, E.L.Robinson, E.-H.Zhang, T.R.Marsh, J.H.Wood (1994). *ApJ* 433, 313.
58. “Echo Mapping the Balmer Emission Region in NGC 3516.”  
I.Wanders, **K.Horne** (1994). *A&A* 289, 76.
57. “An Atlas of Doppler Emission Line Tomography of Cataclysmic Variable Stars.”  
R.H.Kaitchuck, E.M.Schlegel, R.K.Honeycutt, T.R.Marsh, **K.Horne**, J.C.White II, and  
C.S.Mansperger (1994). *ApJS* 93, 519. *Erratum: ApJS, 98, 367.*
56. “HST Eclipse Mapping of Dwarf Nova OY Car in Quiescence: An Fe II Curtain with  
Mach 6 Velocity Dispersion Veils the White Dwarf.”  
**K.Horne**, T.R.Marsh, F.-H.Cheng, I.Hubeny, T.Lantz (1994). *ApJ* 426, 294.
55. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. VII. Variability of the Optical Spectrum of NGC 5548 over Four Years.”  
B.M.Peterson, et al. (39 authors) (1994). *ApJ* 425, 622.
54. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei V. Variability of the Ultraviolet Continuum and Emission Lines of NGC 3783.”  
G.Reichert P.M.Rodríguez-Pascual, et al. (64 authors) (1994). *ApJ* 425, 582.
53. “A Spectrophotometric Study of the Cataclysmic Variable 1329-294.”  
M.D.Still, T.R.Marsh, V.S.Dhillon, and **K.Horne** (1994). *MNRAS* 267, 957.
52. “1H 1752+081: An Eclipsing Cataclysmic Variable with a Small Accretion Disk.”  
A.D.Silber, R.A.Remillard, **K.Horne**, H.V.Bradt (1994). *ApJ* 424, 955.
51. “Monitoring of Active Galactic Nuclei. IV. The Seyfert 1 Galaxy NGC 4593.”  
M.Dietrich, M.Kollatschny, W.et al. (33 authors) (1994). *A&A* 284, 33.
50. “Spectral Eclipse Mapping of the Accretion Disk in the Cataclysmic Variable UX UMa.”  
R.G.M.Rutten, V.S.Dhillon, **K.Horne**, E.Kuulkers (1994). *A&A* 283, 441.
49. “Mapping the Accretion Region in AM Her systems: ST LMi.”  
M.Cropper, **K.Horne** (1994). *MNRAS* 267, 481.

—1993—

48. “Spectroscopic Monitoring of Active Galactic Nuclei. II. The Seyfert 1 Galaxy NGC 3516.”

I.Wanders, E.van Groningen, et al. (32 authors) (1993). *A&A* 269, 39.

47. “CP Puppis: No Ordinary Old Nova.”  
J.C.White II, R.K.Honeycutt, **K.Horne** (1993). *ApJ* 412, 278.
46. “On the Mass of the Compact Object in the Black Hole Binary A0620-00.”  
C.A.Haswell, E.L.Robinson, **K.Horne**, R.F.Stiening, T.M.C.Abbott (1993). *ApJ* 411, 802.
45. “On the Location of the Oscillations in AE Aqr.”  
W.F.Welsh, **K.Horne**, R.Gomer (1993). *ApJL* 410, L39.
44. “On the Mass of Nova DQ Her (1934).”  
**K.Horne**, W.F.Welsh, R.A.Wade (1993). *ApJ* 410, 357.
43. “Period and Disk Radius Changes in the Dwarf Nova IP Peg.”  
S.Wolf, K.H.Mantel, **K.Horne**, H.Barwig, R.Schoembs, O.Baernbantner (1993). *A&A* 273, 160.
42. “Spectrally-resolved Eclipse Maps of the Accretion Disk in UX UMa.”  
R.G.M.Rutten, V.S.Dhillon, **K.Horne**, E.Kuulkers, J.van Paradijs (1993). *Nature* 362, 518.
41. “Optical Spectrophotometry of Oscillations and Flickering in AE Aqr.”  
W.F.Welsh, **K.Horne**, J.B.Oke (1993). *ApJ* 406, 229.
40. “Ultraviolet spectroscopy of Nova Muscae 1991.”  
C.R.Shrader, R.Gonzalez-Riestra, F.H.Cheng, **K.Horne** N.Panagia, R.Gilmozzi, N.Lund (1993). *A&A Suppl* 97, 309.
39. “The Structure of the Broad-Line Region in the Seyfert Galaxy Markarian 590.”  
B.M.Peterson, B.Ali, **K.Horne**, R.Bertram, N.J.Lame, R.W.Pogge, R.M.Wagner (1993).  
*ApJ* 402, 469.

—1992—

38. “The HST Observations of X-Ray Nova Muscae 1991 and its Spectral Evolution.”  
F.-H.Cheng, **K.Horne**, N.Panagia, C.R.Shrader, R.Gilmozzi, F.Paresce, N.Lund (1992).  
*ApJ* 397, 664.
37. “Albedo Maps of Pluto and Charon: Initial Mutual Event Results.”  
M.W.Buie, D.J.Tholen, **K.Horne** (1992). *Icarus* 97, 211.
36. “Anisotropic Line Emission and the Geometry of the Broad-Line Region in Active Galactic Nuclei.”  
G.J.Ferland, B.M.Peterson, **K.Horne**, W.F.Welsh, S.Nahar (1992). *ApJ* 387, 95.
35. “Eclipse Studies of the Dwarf Nova HT Cas II: White Dwarf and Accretion Disk.”  
J.H.Wood, **K.Horne**, S.Vennes (1992). *ApJ* 385, 294.

—1991—

34. “Echo Images of AGN Broad Line Regions.”  
W.F.Welsh, **K.Horne** (1991). *ApJ* 379, 586.
33. “Eclipse Studies of the Dwarf Nova HT Cas I: Observations and System Parameters.”  
**K.Horne**, J.Wood, R.F.Stiening (1991). *ApJ* 378, 271.
32. “Rotation and Emission-Lines in Stars and Accretion Disks.”  
**K.Horne**, S.H.Saar (1991). *ApJL* 374, L55.
31. “UV Variability of NGC 5548: Dynamics of the Continuum Production Region and Geometry of the Broad Line Region.”

J.H.Krolik, **K.Horne**, T.R.Kallman, M.A.Malkan, R.A.Edelson, G.A.Kriss (1991). ApJ 371, 541.

30. “Echo Mapping of Broad H $\beta$  Emission in NGC 5548.”  
**K.Horne**, W.F.Welsh, B.M.Peterson (1991). ApJL 367, L5.

29. “Evidence for CNO Processed Material in the Accretion Disk of GP Com.”  
T.R.Marsh, **K.Horne**, S.Rosen (1991). ApJ 366, 535.

—1990—

28. “Doppler Imaging of the Dwarf Nova U Gem.”  
T.R.Marsh, **K.Horne**, E.M.Schlegel, K.Honeycutt, R.H.Kaitchuck (1990). ApJ 364, 637.

27. “White Dwarf Radii and Boundary Layer Constraints in Three Dwarf Novae.”  
J.H.Wood, **K.Horne** (1990). MNRAS 242, 606.

26. “X-ray Eclipse Mapping of AR Lac.”  
N.E.White, R.A.Shafer, **K.Horne**, A.N.Parmar, J.L.Culhane (1990). ApJ 350, 776.

25. “Emission Line Mapping of Dwarf Nova IP Peg in Outburst and Quiescence.”  
T.R.Marsh, **K.Horne** (1990). ApJ 349, 593.

—1989—

24. “The Ephemeris and Variations of the Accretion Disk Radius in IP Peg.”  
J.H.Wood, T.R.Marsh, E.L.Robinson, R.F.Stiening, **K.Horne**, R.J.Stover, R.Schoembs, S.L.Allen, H.E.Bond, D.H.P.Jones, A.D.Grauer, R.Ciardullo (1989). MNRAS 239, 809.

23. “Evidence for a Massive White Dwarf in Nova V1500 Cyg 1975.”  
**K.Horne**, D.P.Schneider (1989). ApJ 343, 888.

22. “Eclipse Studies of the Dwarf Nova OY Car in Quiescence.”  
J.H.Wood, **K.Horne**, G.Berriman, R.Wade (1989). ApJ 341, 974.

—1988—

21. “Images of Accretion Discs II. Doppler Tomography.”  
T.R.Marsh, **K.Horne** (1988). MNRAS 235, 269.

20. “The Structure of the Inner R Aqr Nebula in the Light of H $\alpha$  and [NII] 6584Å Emission.”  
F.Paresce, C.Burrows, **K.Horne** (1988). ApJ 329, 318.

19. “The Radial Velocity Curve and Peculiar TiO Distribution of the Red Secondary Star in Z Cha.”  
R.A.Wade, **K.Horne** (1988). ApJ 324, 411.

—1987—

18. “A Spectrophotometric Study of the Emission Lines in the Quiescent Dwarf Nova Z Cha.”  
T.R.Marsh, **K.Horne**, H.L.Shipman (1987). MNRAS 225, 551.

—1986—

17. “An Optimal Extraction Algorithm for CCD Spectroscopy.”  
**K.Horne** (1986). PASP 98, 609.

16. “A Dynamical Model for the Dwarf Nova AH Her.”  
**K.Horne**, R.A.Wade, P.Szkody (1986). MNRAS 219, 791.

15. “High Speed Photometry of the Dwarf Nova Z Cha in Quiescence.”

J.H.Wood, **K.Horne**, G.Berriman, R.Wade, D.O'Donoghue, B.Warner (1986). MNRAS 219, 629.

14. "Emission Line Formation in Accretion Discs."  
**K.Horne**, T.R.Marsh (1986). MNRAS 218, 761.

13. "A Spectroscopic Study of the X-ray Binary V1727 Cyg."  
**K.Horne**, F.Verbunt, D.P.Schneider (1986). MNRAS 218, 63.

—1985—

12. "Optical Studies of the X-ray Transient EXO 0748-676."  
R.A.Wade, H.Quintana, **K.Horne**, T.R.Marsh (1985). PASP 97, 1092.

11. "Eclipse Maps of the Accretion Disc in RW Tri."  
**K.Horne**, R.F.Stiening (1985). MNRAS 216, 933.

10. "UBV Images of the Z Cha Accretion Disc in Outburst."  
**K.Horne**, M.C.Cook (1985). MNRAS 214, 307.

9. "Images of Accretion Discs I. The Eclipse Mapping Method."  
**K.Horne** (1985). MNRAS 213, 129.

—1984—

8. "A Disc Origin for Superhumps in SU UMa Stars."  
**K.Horne** (1984). Nature 312, 348.

—1983—

7. "The Correlated X-ray and Optical Time Variability of TT Ari."  
K.A.Jensen, F.A.Cordova, J.Middleditch, K.O.Mason, A.D.Grauer, **K.Horne**,  
R.Gomer (1983). ApJ 270, 211.

—1982—

6. "A First Look at the Eclipsing Cataclysmic Variable Lanning 10."  
**K.Horne**, H.H.Lanning, R.Gomer (1982). ApJ 252, 681.

—1981—

5. "Rapid X-ray and Optical Flares from Sco X-1."  
L.D.Petro, H.V.Bradt, R.L.Kelley, **K.Horne**, R.Gomer (1981). ApJL 251, L7.

4. "Solar Limb Brightening at 1.3 Millimeters."  
**K.Horne**, G.J.Hurford, H.Zirin, Th.de Graauw (1981). ApJL 244, L340.

3. "The Diameter of Juno from its Occultation of AB+0°1022."  
R.L.Millis, et al. (38 authors) (1981). AJ 86, 306.

—1980—

2. "Stepanyan's Star: A New Eclipsing Cataclysmic Variable."  
**K.Horne** (1980). ApJL 242, L167.

1. "Phase Variability in the Rapid Oscillations of SS Cyg."  
**K.Horne**, R.Gomer (1980). ApJ 237, 845.