

Gillian R. Knapp - Curriculum Vitae

Born: Widnes, United Kingdom, October 10, 1944.

B.Sc. (Hons.) Physics, University of Edinburgh, 1966.

Ph.D. Astronomy, University of Maryland, 1972.

Professional Societies

American Astronomical Society, Royal Astronomical Society, International Union of Radio Science, International Astronomical Union

Positions held

Teaching associate, University of Maryland, 1971-3.

Research fellow, Senior Research Fellow, Research Associate, California Institute of Technology, 1974-9.

Research astronomer, Princeton University, 1980-4.

Associate Professor, Professor, Princeton University, 1984-

Visiting Assistant Professor, University of Washington, spring 1979.

Visiting Associate Professor, UCLA, spring 1980.

Visiting Fellow, University of Groningen, The Netherlands, summer 1981.

Visiting astronomer, Bell Laboratories, 1980-92.

Visiting professor, Institute for Astronomy, University of Hawaii, Fall 1989

Awards

Tinsley Centennial Professor, University of Texas, Fall 1985.

Distinguished Alumnus Award, University of Maryland, 2003

Leadership Alliance Mentorship Award, 2007

Current and Recent National/ International Committees

Caltech Submillimeter Observatory Director's Advisory Committee: NAIC Arecibo Advisory Committee: Spitzer Science Center Users' Committee: NAIC Arecibo Large Projects Oversight Committee: Review Board, DARK Cosmology Institute

Current and Recent Princeton University and Department Activities

EEEEO officer, Coordinator for Undergraduate Summer Research, and Director of Graduate Studies, Astrophysics: Faculty Fellow, Wilson and Whitman Colleges: Coordinator of photometric and spectroscopic pipeline development for Sloan Digital Sky Survey; SDSS Collaboration Council

Outreach/Public Service

Participation in the Leadership Alliance: Teacher of college-credit mathematics in the New Jersey State Prisons

Current Research

Star formation in the Taurus Molecular Cloud with the *Spitzer* Taurus Legacy Project team; magnetic activity in low-mass stars using SDSS spectra; surveys of field very low-mass stars and brown dwarfs; kinematics and activity in low-mass subdwarf stars; carbon

abundances in low-metallicity stars; high-velocity stars and the mass of the Galaxy; Subaru Strategic Exploration of Exoplanets and Disks (SEEDS).

Refereed Publications

1. Parkes hydrogen-line survey of the Milky Way IV. Absorption by low-latitude continuum sources in the region $l = 296^\circ$ to 63.5° . by F.J. Kerr and G.R. Knapp, *Aust. J. Phys. Astrophys. Suppl.* 18, 9-41, 1970.
2. HI clouds with spin temperatures less than 25 K, by G.L. Verschuur and G.R. Knapp, *AJ* 76, 403-8, 1971.
3. A search for OH in nine high-latitude selected areas, by F.J. Kerr and G.R. Knapp, *AJ* 76 993-4, 1971.
4. A search for neutral hydrogen high-velocity clouds in the directions of six globular clusters, by F.J. Kerr and G.R. Knapp, *AJ* 77, 354-9, 1972.
5. Upper limits to the atomic hydrogen abundance in twelve globular clusters, by F.J. Kerr and G.R. Knapp, *AJ* 77, 573-6, 1972.
6. An HI velocity-longitude diagram for the southern Milky Way, *A&A* 21, 163-5, 1972.
7. An upper limit to the OH abundance in the intercloud medium, by G.R. Knapp and F.J. Kerr, *AJ* 77, 649-51, 1972.
8. HI clouds with spin temperatures less than 25 K II. Physical properties of two neutral hydrogen clouds, by G.R. Knapp and G.L. Verschuur, *AJ* 77, 717-25, 1972.
9. The galactic gas-to-dust ratio from observations in the directions of six globular clusters, by G.R. Knapp, F.J. Kerr and W.K. Rose, *ApLett.* 14, 187-90, 1973.
10. OH observations of sixteen interstellar dust clouds, by G.R. Knapp and F.J. Kerr, *AJ* 78, 453-8, 1973.
11. A search for OH/IR stars in globular clusters, by G.R. Knapp and F.J. Kerr, *AJ* 78, 458-61, 1973.
12. Neutral hydrogen observations of eight globular clusters, by G.R. Knapp, W.K. Rose and F.J. Kerr, *ApJ* 186, 831-41, 1973.
13. Detection of radio recombination line emission from the ρ Ophiuchi dark cloud, by R.L. Brown and G.R. Knapp, *ApJ* 189, 253-8, 1974.
14. Observations of HI in dense interstellar dust clouds I. A survey of 88 clouds, *AJ* 79, 527-41, 1974.
15. Observations of HI in dense interstellar dust clouds II. The cloud Khavtassi 3, *AJ* 79, 541-55, 1974.
16. Upper limits to the neutral hydrogen content of the elliptical galaxy NGC4472, by G.R. Knapp and F.J. Kerr, *AJ* 79, 667-70, 1974.
17. A cold HI shell around the supernova remnant W44, by G.R. Knapp and F.J. Kerr, *A&A* 33, 463-7, 1974.

18. The nature and distribution of carbon recombination line emission in the ρ Ophiuchi dust cloud, by R.L. Brown, R.H. Gammon, G.R. Knapp and B. Balick, ApJ 192, 607-15, 1974.
19. The gas-to-dust ratio in the galaxy from observations of eighty-one globular clusters, by G.R. Knapp and F.J. Kerr, A&A 35, 361-79, 1974.
20. Observations of carbon recombination line emission in the reflection nebula M78, by R.L. Brown, G.R. Knapp, T.B.H. Kuiper and E.N.R. Kuiper, ApJ 195, L23-6, 1975.
21. CO observations of a dust cloud in Orion, L1630, by A.S. Milman, G.R. Knapp, F.J. Kerr, S.L. Knapp and W.J. Wilson, AJ 80, 93-101, 1975.
22. CO observations of 34 interstellar dust clouds, by A.S. Milman, G.R. Knapp, S.L. Knapp and W.J. Wilson, AJ 80, 101-11, 1975.
23. Study of galactic gas and dust using observations of elliptical galaxies, AJ 80, 111-7, 1975.
24. Radio recombination line observations of the CII region NGC2023, by G.R. Knapp, R.L. Brown and T.B.H. Kuiper, ApJ 196, 167-79, 1975.
25. OH and H₂O masers in the Monoceros-R2 molecular cloud, by G.R. Knapp and R.L. Brown, ApJ 204, 21-5, 1976.
26. CO observations of the expanding envelope of IRC+10216, by T.B.H. Kuiper, G.R. Knapp, S.L. Knapp and R.L. Brown, ApJ 204, 408-14, 1976.
27. Detection of H₂O maser emission from four infrared sources, by M. Morris and G.R. Knapp, ApJ 204, 781-8, 1976.
28. Carbon recombination line observations of the S140 region, by G.R. Knapp, R.L. Brown, T.B.H. Kuiper and R.K. Kakar, ApJ 204, 781-8, 1976.
29. The excitation, electron temperature and electron density of IC5146, by T.B.H. Kuiper, G.R. Knapp and E.N.R. Kuiper, A&A 48, 475-7, 1976.
30. Observations of heavy-element recombination lines in the ρ Ophiuchi dark cloud at 13 cm wavelength, by G.R. Knapp, T.B.H. Kuiper and R.L. Brown, ApJ 206, 109-13, 1976.
31. CO observations of NGC1579 (S222) and S239, by G.R. Knapp, T.B.H. Kuiper, S.L. Knapp and R.L. Brown, ApJ 206, 443-51, 1976.
32. H₂O maser emission associated with T Tauri and other regions of star formation, by G.R. Knapp and M. Morris, ApJ 206, 713-7, 1976.
33. The structure of the radio emission from the NGC1579/LkH α 101 region, by R.L. Brown, J.J. Broderick and G.R. Knapp, MNRAS 175, 87p-92p, 1976.
34. CO observations of diffuse interstellar clouds, by G.R. Knapp and M. Jura, ApJ 209, 782-92, 1976.
35. CO observations of dense gas clouds associated with the supernova remnant IC443, by R.H. Cornett, G. Chin and G.R. Knapp, A&A 54, 889-94, 1977.
36. HI observations of 40 SO and elliptical galaxies, by G.R. Knapp, J.S. Gallagher, S.M. Faber and B. Balick, AJ 82, 106-12, 1977.

37. CO observations of reflection nebulae, by G.R. Knapp, T.B.H. Kuiper, R.L. Brown and S.L. Knapp, *ApJ* 214, 75-85, 1977.
38. The neutral hydrogen content, stellar rotation curve, and mass-to-light ratio of NGC4594, the “Sombrero” galaxy, by S.M. Faber, B. Balick, J.S. Gallagher and G.R. Knapp, *ApJ* 214, 383-9, 1977.
39. Neutral hydrogen in the normal elliptical galaxy NGC4278, by J.S. Gallagher, G.R. Knapp, S.M. Faber and B. Balick, *ApJ* 215, 463-74, 1977.
40. Radio recombination lines, by R.L. Brown, F.J. Lockman and G.R. Knapp, *ARAA*, 16, 445-85, 1978.
41. Observations of HI in the elliptical galaxy NGC1052, by G.R. Knapp, J.S. Gallagher and S.M. Faber, *AJ* 83, 139-46, 1978.
42. HI in the elliptical galaxy NGC4636, by G.R. Knapp, S.M. Faber and J.S. Gallagher, *AJ* 83, 11-12, 1978.
43. Upper limits to the HI content of the dwarf spheroidal galaxies, by G.R. Knapp, F.J. Kerr, and P.F. Bowers, *AJ* 83, 360-2, 1978.
44. HI observations of elliptical galaxies, by G.R. Knapp, F.J. Kerr and B.A. Williams, *ApJ* 222, 800, 1978.
45. CO and CN in dark clouds, by M.A. Allen and G.R. Knapp, *ApJ*, 225, 843-56, 1978.
46. The global properties of the Galaxy I. The HI distribution outside the solar circle, by G.R. Knapp, S.D. Tremaine and J.E. Gunn, *AJ*, 83, 1585-93, 1978.
47. High resolution observations of CO in IRC+10216 and three related objects, by P.G. Wannier, R.B. Leighton, G.R. Knapp, R.O. Redman, T.G. Phillips and P.J. Huggins, *ApJ*, 230, 149-55, 1979.
48. The gas flow around T Tauri stars, by R.K. Ulrich and G.R. Knapp, *ApJ*, 230, L99-104, 1979.
49. The global properties of the Galaxy II. The galactic rotation parameters from HI observations, by J.E. Gunn, G.R. Knapp and S.D. Tremaine, *AJ* 84, 1181-8, 1979.
50. CO observations of mass outflow from the infrared star CIT6, by G.R. Knapp, T.B.H. Kuiper, and B. Zuckerman, *ApJ* 233, 140-4, 1979.
51. Upper limits to the gas content of southern globular clusters, by P.F. Bowers, F.J. Kerr, G.R. Knapp, J.S. Gallagher and D.A. Hunter, *ApJ* 233, 553, 1979.
52. On the ionized regions associated with T Tauri stars, by S.P. Maran, R.W. Hobbs, R.L. Brown, M. Jura and G.R. Knapp, *AJ* 84, 1709-12, 1979.
53. Gas in elliptical galaxies: limits and detections of 10^6 to $10^7 M_{\odot}$ of HI, and observations of the Coma Cluster, by G.R. Knapp, F.J. Kerr and A.P. Henderson, *ApJ* 234, 448-55, 1979.
54. Densities of molecular clouds containing Herbig-Haro objects, by R.B. Loren, N.J. Evans II, and G.R. Knapp, *ApJ* 234, 932-48, 1979.
55. Detection of the CO J = 2-1 line in M82 and IC342, by G.R. Knapp, T.G. Phillips, P.J. Huggins and P.G. Wannier, *ApJ* 240, 60-4, 1980.

56. Detection of CO emission at 1.3 mm from the Betelgeuse circumstellar shell, by G.R. Knapp, T.G. Phillips and P.J. Huggins, *ApJ* 242, L25-8, 1980.
57. Evolution and structure of the amorphous galaxy NGC1800, by J.S. Gallagher, D.A. Hunter and G.R. Knapp, *AJ* 86, 344-56, 1981.
58. Temperatures of galactic molecular clouds showing CO self-absorption, by T.G. Phillips, G.R. Knapp, P.J. Huggins, M.W. Werner, P.G. Wannier, G. Neugebauer and D. Ennis, *ApJ* 245, 512-28, 1981.
59. HI synthesis observations of the elliptical galaxy NGC4278, by E. Raimond, S.M. Faber, J.S. Gallagher and G.R. Knapp, *ApJ* 246, 708-21, 1981.
60. High-velocity gas in the Orion BN/KL region: observations of the CO(2-1) and SO – 2($13_{1,13} - 12_{0,12}$) lines, by G.R. Knapp, T.G. Phillips, P.J. Huggins and R.O. Redman, *ApJ* 250, 175-85, 1981.
61. HI observations of strongly interacting galaxies, by J.S. Gallagher, G.R. Knapp and S.M. Faber, *AJ* 86, 1781-90, 1981.
62. Mass loss from evolved stars I. Observations of seventeen stars in the CO(2-1) line, by G.R. Knapp, T.G. Phillips, R.B. Leighton, K.Y. Lo, P.G. Wannier, H.A. Wootten and P.J. Huggins, *ApJ* 252, 616-34, 1982.
63. HI observations of high-luminosity elliptical galaxies, by G.R. Knapp and J.E. Gunn, *AJ* 87, 1634-8, 1982.
64. Low surface brightness spiral galaxies I. HI content and location on the infrared Tully-Fisher diagram, by W. Romanishin, N. Krumm, E.E. Salpeter, G.R. Knapp, S.E. Strom and K.M. Strom *ApJ* 263, 94-100, 1982.
65. The HI content of envelopes around evolved stars, by G.R. Knapp and P.F. Bowers, *ApJ* 266, 701-12, 1983.
66. Spectral energy distributions of young stellar objects I. A turbospheric model for DR Tau, by R.K. Ulrich, A.W. Shafter, G. Hawkins and G.R. Knapp, *ApJ* 267, 199-206, 1983.
67. The structure of bright-rimmed molecular clouds, by H.A. Wootten, A.I. Sargent, G.R. Knapp and P.J. Huggins, *ApJ* 269, 147-163, 1983.
68. Regions of low CO column density near the galactic plane, by F.A. Verter, G.R. Knapp, A.A. Stark and R.W. Wilson, *ApJS* 52, 289-92, 1983.
69. Mass loss from evolved stars II. Radio continuum emission and evolution to planetary nebulae, by D.N. Spergel, J.L. Giuliani and G.R. Knapp, *ApJ* 275, 330-41, 1983.
70. Distribution and motions of atomic hydrogen in lenticular galaxies II. NGC7013, by G.R. Knapp, W. van Driel, H. van Woerden, U.J. Schwarz and J.S. Gallagher, *A&A* 133, 127-136, 1984.
71. Detection of HI in the elliptical galaxy NGC5173, by G.R. Knapp and E. Raimond, *A&A* 138, 77-84, 1984.
72. The distribution of neutral hydrogen in the Sombrero galaxy NGC4594, by E. Bajaja, G. van der Berg, S.M. Faber, J.S. Gallagher, G.R. Knapp and W.W. Shane, *A&A*

- 141, 309-17, 1984.
73. Distribution and motions of atomic hydrogen in lenticular galaxies III. NGC3998, by G.R. Knapp, W. van Driel and H. van Woerden, *A&A*, 142, 1-8, 1985.
 74. The global properties of the Galaxy III. A survey of the CO emission in the first galactic quadrant, by G.R. Knapp, A.A. Stark and R.W. Wilson, *AJ* 90, 254-300, 1985.
 75. The Distribution of the Neutral Hydrogen Content of Elliptical Galaxies by G.R. Knapp, E.L. Turner and P.E. Cunniffe, *AJ* 90, 454-68, 1985.
 76. Mass loss from evolved stars III. Mass loss rates for 50 stars from observations of the CO(1-0) line, by G.R. Knapp and M. Morris, *ApJ* 292, 640-69, 1985.
 77. Mass loss from evolved stars IV. The dust to gas ratio in the envelopes of Mira variables and carbon stars, *ApJ* 293, 273-80, 1985.
 78. Mass loss from evolved stars V. Observations of the ^{12}CO and ^{13}CO $J = 1 - 0$ lines in Mira variables and carbon stars, by G.R. Knapp and K.-M. Chang, *ApJ* 293, 281-7, 1985.
 79. The Statistical Distribution of the Neutral Hydrogen Content of SO Galaxies, by M.J. Wardle and G.R. Knapp, *AJ* 91, 23-48, 1986.
 80. Molecules in Galaxies II. The Disk of NGC4565, by M.W. Richmond and G.R. Knapp, *AJ* 91, 517, 1986.
 81. The Distribution and Kinematics of HI in the Active Elliptical Galaxy NGC 1052, by J. van Gorkom, G.R. Knapp, E. Raimond, S.M. Faber, and J.S. Gallagher, *AJ* 91, 791-807, 1986.
 82. Molecules in Galaxies III. The Virgo Cluster by A.A. Stark, G.R. Knapp, J. Bally, R.W. Wilson, A.A. Penzias and H.E. Rowe, *ApJ* 310, 660-78, 1986.
 83. Mass Loss from Evolved Stars VI. Mass Loss Mechanisms and Luminosity Evolution, *ApJ* 311, 731-741, 1986.
 84. Interstellar Dust in Shapley-Ames Elliptical Galaxies, by M. Jura, D.W. Kim, G.R. Knapp and P. Guhathakurta, *ApJ* 312, L11-15, 1987.
 85. Detection of HI Emission from the Circumstellar Envelope of Alpha Orionis, by P.F. Bowers and G.R. Knapp, *ApJ* 315, 305-14, 1987.
 86. Molecules in Galaxies IV. Molecular and Atomic Hydrogen in Virgo Cluster Galaxies, by G.R. Knapp, G. Helou and A.A. Stark, *AJ* 94, 54-60, 1987.
 87. Observations of SN1986J in NGC891, M.P. Rupen, J. van Gorkom, G.R. Knapp, J.E. Gunn, and D.P. Schneider, *AJ* 94, 61-70, 1987.
 88. The Overall Structure of Gas in the Galaxy, by G.R. Knapp 1987, *PASP* 99, 1134-43.
 89. Mass Loss from Evolved Stars VII. OH Maser Shell Radii and Mass Loss Rates for OH/IR Stars, N. Netzer and G.R. Knapp 1987, *ApJ* 323, 734-748.
 90. HI Observations of the Elliptical Galaxies NGC2974 and NGC5018, by D.-W. Kim, P. Guhathakurta, J.H. van Gorkom, M. Jura and G.R. Knapp, 1988, *ApJ* 330, 684-694.

91. Small Scale Structure in the Interstellar Medium I. Observations of Small Molecular Clouds near α Orionis, by G.R. Knapp and P.F. Bowers, 1988, ApJ 331, 974 - 85.
92. Detection of HI Emission in the Circumstellar Envelope of Omicron Ceti (Mira), by P.F. Bowers and G.R. Knapp, 1988, ApJ 332, 299-304.
93. Molecules in Galaxies VI. Diffuse and Dense Cloud Contributions to the Large-Scale CO Emission of the Galaxy, by K.S. Polk, G.R. Knapp, A.A. Stark and R.W. Wilson 1988, ApJ 332, 432-438.
94. CO Emission from Evolved Stars and Protoplanetary Nebulae, by G.R. Knapp, B.M. Sutin, T.G. Phillips, B.N. Ellison, J.B. Keene, R.B. Leighton, C.R. Masson, W. Steiger, B. Veidt and K. Young, 1989, ApJ 336, 822-31.
95. Interstellar Matter in Early-Type Galaxies III. Radio Emission and Star Formation, by D.E.P. Walsh, G.R. Knapp, J.M. Wrobel and D.-W. Kim 1989, ApJ 337, 209-229.
96. HI Absorption in Radio Elliptical Galaxies - Evidence for Infall, by J.H. van Gorkom, G.R. Knapp, R.D. Ekers, D.D. Ekers, R.A. Laing and K.S. Polk 1989, AJ 97,708-19.
97. Interstellar Matter in Early-Type Galaxies I. IRAS Flux Densities, by G.R. Knapp, P. Guhathakurta, D.-W. Kim and M. Jura, 1989, ApJS 70, 329-387.
98. The CS Molecule in Diffuse Clouds, by K. Drdla, G.R. Knapp, and E. van Dishoeck 1989, ApJ 345, 815-827.
99. A Very Fast Molecular Outflow from the Protoplanetary Nebula CRL618, by C.F. Gammie, G.R. Knapp, K. Young, T.G. Phillips and E. Falgarone, 1989, ApJ 345, L87-L89.
100. A Study of Evolved Stars and Protoplanetary Nebulae, by P.F. Bowers and G.R. Knapp 1989, ApJ 347, 325-337.
101. The Infrared Properties of Nearby Radio Galaxies, by G.R. Knapp, W.E. Bies, and J.H. van Gorkom, 1990, AJ 99, 476-496.
102. HI Observations of Three IRAS Detected Elliptical Galaxies, by D.E.P. Walsh, J.H. van Gorkom, W.E. Bies, N. Katz, G.R. Knapp and S. Wallington, 1990, ApJ 352, 532-543.
103. Millimeter and Submillimeter Observations of Nearby Radio Galaxies, by G.R. Knapp and B.M. Patten, 1991, AJ 101, 1609-22.
104. Molecular Gas in Elliptical Galaxies, by J.F. Lees, G.R. Knapp, M.P. Rupen and T.G. Phillips, 1991, ApJ 379, 177-215.
105. The multiple molecular winds of CRL2688, by K. Young, G. Serabyn, T.G. Phillips, G.R. Knapp, R. Güsten and A. Schulz, 1992 ApJ 385, 265-272.
106. Infrared Emission and Mass Loss from Evolved Stars in Elliptical Galaxies, by G.R. Knapp, J.E. Gunn and C.G. Wynn-Williams, 1992, ApJ 399, 76-93.
107. Circumstellar Shells Resolved in the IRAS Survey Data I. Data Processing Procedure, Results and Confidence Tests, by K. Young, T.G. Phillips and G.R. Knapp, 1993, ApJS 86, 517-40.

108. Circumstellar Shells Resolved in the IRAS Survey Data II. Analysis by K. Young, T.G. Phillips and G.R. Knapp, 1993, ApJ 409, 725-38.
109. The Dust Content of Evolved Circumstellar Envelopes and the Optical Properties of Dust at Submillimeter to Radio Wavelengths, by G.R. Knapp, G. Sandell and E.I. Robson, 1993 ApJS 88, 173-197.
110. Detection of Radio Frequency Emission from Circumstellar Dust Around CRL 2688 and IRC+10216, by G.R. Knapp, P.F. Bowers, K. Young and T.G. Phillips, 1994, ApJ 429, L33-6.
111. Infrared Emission from Globular Clusters: Limits on Stellar Mass Loss and Interstellar Dust, by G. R. Knapp, J.E. Gunn and A.J. Connolly, 1995, ApJ 448, 195-202.
112. Maps of the Molecular Emission around 18 Evolved Stars, by K.Z. Stanek, G.R. Knapp, K. Young and T.G. Phillips, 1995, ApJS 100, 169-86
113. Radio Frequency Continuum Emission from Evolved Stars, by G.R. Knapp, P.F. Bowers, K. Young and T.G. Phillips, 1995 ApJ 455, 293-99
114. Molecular Gas in Elliptical Galaxies: CO Observations of an IRAS Flux Limited Sample, by G.R. Knapp and M.P. Rupen, 1996, ApJ 460, 271-83
115. Limits on Ionized Gas in Globular Clusters, by G. R. Knapp, J. E. Gunn, P. F. Bowers and J. Vasquez Poritz, 1996, ApJ 462, 231-40
116. ISO observations of hot dust in the nucleus of the S0 galaxy NGC 3998, by G.R. Knapp, M.P. Rupen, M. Fich, D.A. Harper, and C.G. Wynn-Williams 1996, A&A 315, L75-8.
117. A 200 km s⁻¹ Molecular Wind in the Peculiar Carbon Star V Hya, by G. R. Knapp, A. Jorissen and K. Young, 1997, A&A, 326, 318-28
118. Carbon Stars, by G. Wallerstein and G.R. Knapp, 1998, ARAA, 36, 369-433
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120. Multiple Molecular Winds in Evolved Stars I. A Survey of CO(2-1) and CO(3-2) Emission from 43 Nearby AGB Stars, by G.R. Knapp, K. Young, E. Lee and A. Jorissen, 1998, ApJS 117, 209-31
121. The Sloan Digital Sky Survey Photometric Camera, by J.E. Gunn, M. Carr, C. Rockosi, M. Sekiguchi, et al. 1998, AJ, 116, 3040-81
122. The Circumstellar Envelope of II¹ Gru, by G.R. Knapp, K. Young & M. Crosas, 1999, A&A 346, 175-80
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124. The Discovery of a Field Methane Dwarf from Sloan Digital Sky Survey Commissioning Data, by M.A. Strauss, X. Fan, J.E. Gunn, S.K. Leggett, T.R. Geballe, J.R. Pier, R.H. Lupton, G.R. Knapp et al., 1999, ApJL 522, L61
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127. High Redshift Quasars Found in the Sloan Digital Sky Survey Commissioning Data II: The Spring Equatorial Stripe, by X. Fan, M.A. Strauss, D.P. Schneider, J.E. Gunn, et al. 2000, AJ 119, 1-11
128. What's Hatching in the Egg? by M. Jura, J.L. Turner, S. Van Dyk and G.R. Knapp, 2000, ApJ, 528, L105-108
129. The Low Resolution Spectrograph of the Hobby-Eberly Telescope II: Observations of Quasar Candidates from the Sloan Digital Sky Survey by D.P. Schneider, G.J. Hill, X. Fan, L.W. Ramsey, et al. 2000, PASP 112, 6-11
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131. Instrumentation and Cosmology, by G.R. Knapp, 2000, PASP, 112, 282-3
132. The Discovery of a Second Field Methane Brown Dwarf from Sloan Digital Sky Survey Commissioning Data, by Z. Tsvetanov et al. 2000, ApJ, 531, L61-64
133. Atomic Carbon in the Envelopes of Carbon Rich Post AGB Stars, by G.R. Knapp, M. Crosas, K. Young and Ž. Ivezić, 2000, ApJ, 534, 324-34
134. The Missing Link: Early-Type Methane ("T") Dwarfs in the Sloan Digital Sky Survey, by S.K. Leggett, T.R. Geballe, X. Fan et al. 2000, ApJ, 536, L35-8
135. The Structure of the Galactic Halo Implied by RR Lyrae Candidates Found in Sloan Digital Sky Survey Commissioning Data, by Ž. Ivezić, J. Goldston, K. Finlator, G.R. Knapp, B. Yanny, K. Krisciunas, X. Fan, J.E. Gunn, R.H. Lupton, D. Schlegel, M.A. Strauss, et al. 2000, AJ 120, 963-77
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139. Identification of A-colored Stars and Structure in the Halo of the Milky Way from SDSS Commissioning Data, by B. Yanny, H.J. Newberg, S. Kent et al., 2000, ApJ 540, 825-841
140. New $z > 4.7$ Quasars in the Sloan Digital Sky Survey, by W. Zheng, Z. Tsvetanov, X. Fan et al. 2000, AJ, 120, 1607-11
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