

The following bibliography is an approximately chronological list of IUE papers that have appeared in Ap. J. A&A, Nature, MN, and PASP. If errors or omissions are discovered in this list, I would appreciate learning of them.

Albert Boggess

1. The IUE Spacecraft and Instrumentation, Boggess et al., Nature, 275, 372, 1978.
2. The In-flight Performance of the IUE, Boggess etal., Nature, 275, 377, 1978.
3. IUE Observations of Hot Stars: HZ43, BD+75°325, NGC 6826, SS Cygni, η Carinae, Heap et al., Nature, 275, 385, 1978.
4. IUE Observations of Cool Stars: α Aurigae, HR 1099, λ Andromedae, and ε Eridani, Linsky et al., Nature, 275, 389, 1978.
5. IUE Observations of the Interstellar Medium, Grewing et al., Nature, 275, 394, 1978.
6. IUE Observations of X-ray Sources: HD 153919 (4U1700-37), HDE 226868 (Cyg X-1) HZ Her (Her X-1), Dupree et al., Nature, 275, 400, 1978.
7. IUE Observations of Extragalactic Objects, Boksenberg et al., Nature, 275, 404 1978.
8. IUE Observations of Solar System Objects, Lane et al., Nature, 275, 414, 1978.
9. Electron Densities in Stellar Atmospheres Determined From IUE Spectra, Doschek et al., Ap. J., 226, L35, 1978.
10. The Lyman-α/Hβ/Paschen α Ratio in the Quasar PG 0026+129, Baldwin et al., Ap. J., 226, L57, 1978.
11. IUE Observations of the Eclipsing Binary ε Aurigae, Hack and Selvelli, Nature 276, 376, 1978.
12. IUE Observations of Large Magellanic Cloud Members: The Detection of the 2200Å Feature, Nandy and Morgan, Nature, 276, 478, 1978.
13. The Discovery of a Hot Companion to HR 8752, Stickland and Harmer, A&A, 70, L53, 1978.
14. The UV Spectrum of the Extreme Helium Stars, BD+10°2179 and BD-9°4395, Schonberner and Hunger, A&A, 70, L57, 1978.
15. UV Spectrum of Supernova Remnant Reveals Carbon Depletion in the Interstellar Medium, Benvenuti et al., Nature, 277, 99, 1979.
16. An Ultraviolet Spectrum of the High Redshift Quasar Q2204-408, Wilson et al., Nature, 277, 457, 1979.
17. The Ultraviolet Spectrum and Expansion Velocity of η Carinae From IUE Observations, Casatella, Giangrande, Viotti, A&A, 71, L9, 1979.

## IUE PUBLICATIONS IN PRINCIPAL JOURNALS

18. The EUV Spectra of Young Planetary Nebulae, Flower, Nussbaumer, Schild, A&A, 72, L1, 1979.
19. The Far-UV Spectrum of the T Tauri Star RU Lupi, Gahm et al., A&A, 73, L4, 1979.
20. The Ultraviolet Spectrum of Comet Seargent 1978m, Jackson, et al., A&A, 73, L7, 1979.
21. Outer Atmospheres of Cool Stars I. The Sharp Division Into Solar-Type Stars, Linsky and Haisch, Ap. J., 229, L27, 1979.
22. The "Semitorrid" Gas Observed in the Direction of  $\gamma$ 2 Velorum and the Gum Nebula, Bruhweiler, Kondo, McClusky, Ap. J., 229, L39, 1979.
23. Detection of Acetylene in the Saturnian Atmosphere Using the IUE Satellite, Moos and Clarke, Ap. J., 229, L107, 1979.
24. Ultraviolet Spectrophotometry of Degenerate Stars, Greenstein and Oke, Ap. J., 229, L141, 1979.
25. The [NeIV] $^2D$ - $^4S$  Lines in the Planetary Nebula NGC 7662, Lutz and Seaton, M.N., 187, 1P, 1979.
26. Observations of 3C390.3 with the International Ultraviolet Explorer, Ferland, et al., M.N., 187, 65P, 1979.
27. Extinction in NGC 7027, Seaton, M.N., 187, 785, 1979.
28. IUE Observations of Absorption by Hot Gas in the Nebula NGC 6888, Huber et al., Nature, 278, 697, 1979.
29. The Ultraviolet Spectrum of the Hot Halo Star Feige 86, Hack, A&A, 74, L4, 1979.
30. Determination of Cooling Rates in the Interstellar Medium, Pottasch, Wesselius, and van Duinan, A&A, 74, L15, 1979.
31. On the Ultraviolet Spectrum of Nova Cygni 1978, Cassatella et al., A&A, 74, L18, 1979.
32. Identification of the UV Nightglow from Venus, Feldman et al., Nature, 279, 221, 1979.
33. IUE Observations of Symbiotic Star CH Cygni During an Active Phase, Hack, Nature, 279, 305, 1979.
34. Ultraviolet Spectroscopic Measurements of Globular Clusters, Dupree et al., Ap. J., 230, L89, 1979.
35. Ultraviolet Observations of AM Herculis with IUE, Raymond et al., Ap. J., 230, L95, 1979.
36. Observational Evidence for a Hot Gaseous Galactic Corona, Savage and de Boer, Ap. J., 230, L77, 1979.

## IUE PUBLICATIONS IN PRINCIPAL JOURNALS

37. IUE Observations of the Quasar 3C273, Boggess et al., Ap. J., 230, L131, 1979.
38. IUE Spectra of the Nuclei of M31 and M32, Johson, Ap. J., 230, L137, 1979.
39. IUE and Visual Spectrophotometry of 3C120 and Markarian 79, Oke and Zimmerman, Ap. J., 231, L13, 1979.
40. CIII Observable with IUE, Nussbaumer and Schild, A&A, 75, L17, 1979.
41. The Satellite - UV Spectrum of S CrA, Appenzeller and Wolf, A&A, 75, 164, 1979.
42. The Ultraviolet Spectrum of the Eclipsing Binary Epsilon Aurigae, Hack and Selvelli, A&A, 75, 316, 1979.
43. The UV Spectrum of VV Cep in 1978, Faraggiana and Selvelli, A&A, 76, L18, 1979.
44. MgII and CaII Emissions from Three G Dwarfs, Rego and Fernandez-Figueroa, A&A, 76, 249, 1979.
45. IUE Observations of an Active Region of HD 206860, Blanco et al., Nature, 280, 661, 1979.
46. On the Energy Distribution in Sirius B, Bohm-Vitense, Dettmann, Kapranidis, Ap. J., 232, L189. 1979.
47. The UV Spectrum of the Possible Radio Star HD 26676, Stickland, A&A, 77, 359, 1979.
48. IUE Observations of the Extreme B1 Supergiant  $\zeta^1$  Sco, Appenzeller and Wolf, A&A Suppl. 38, 51, 1979.
49. The UV Resonance Lines of  $\zeta^1$  Sco, Wolf and Appenzeller, A&A 78, 15, 1979.
50. Chromospheres of the Active Dwarf Binaries EQ Peg and  $\xi$  Boo, Hartmann et al., Ap. J. 233, L69, 1979.
51. IUE Observations of 32 Cygni. The Effects of the B Star Within the Upper Chromosphere of a Late-type Supergiant, Stencel et al., Ap. J. 233, 621, 1979.
52. IUE Observations of Gas Streams Effects in the UV Spectrum of U Cephei, Kondo, McCluskey, Stencel, Ap. J. 233, 906, 1979.
53. UV Spectroscopy of the Extreme B Supergiants P Cygni and  $\zeta^1$  Scorpis, Hutchings, Ap. J., 233, 913, 1979.
54. IUE UV Spectra of the Clumpy Irregular Galaxy MK 297, Benevenuti et al. Nature, 282, 272, 1979.
55. Far Ultraviolet Line Profiles in the Seyfert Galaxy NGC 4151, Penston, et al., M.N. 189, 873, 1979.
56. Ultraviolet and X-ray Observations of the BL Lac Object MK 501, Snijders, et al., M.N. 189, 873, 1979.

## IUE PUBLICATIONS IN PRINCIPAL JOURNALS

57. IUE Spectra of the Massive Close Binary V382 Cygni, Koch, Siah, Fanelli, PASP, 91, 474, 1979.
58. HD 149499B: The Hottest White Dwarf?, Wray, Parsons, Henize, Ap. J. 234, L187, 1979.
59. The Effective Temperature, Radius, Rate of Mass Loss and Luminosity of P Cygni, HD 190603,  $\mu$  Cassiopeiae and  $\rho$  Leonis, Underhill, Ap. J. 234, 528, 1979.
60. Outer Atmospheres of Cool Stars II. MgII Flux Profiles and Chromospheric Radiative Loss Rates, Basri and Linsky, Ap. J. 234, 1023, 1979.
61. Ultraviolet P Cygni Profiles of the CIV Resonance Lines for O-Type Stars in the Open Cluster IC 1805, Burhi and Llorente de Andres, A&A, 79, L13, 1979.
62. Short Time Changes in the Terminal Velocity of the Stellar Wind of Alpha Cam (09.5Ia), de Jager et al., A&A, 79, L28, 1979.
63. On the High Resolution Spectrum of P Cygni, Cassatella et al., A&A, 79, 223, 1979.
64. The Ultraviolet Spectrum of LSI + 61° 303, Hutchings, PASP 91, 657, 1979.
65. The Stellar Wind and UV Spectrum of (Nova) HR Delphini, Hutchings, PASP, 91, 661, 1979.
66. The Ultraviolet High-Resolution Spectrum of Feige 86, Hack, A&A 81, L1, 1980.
67. A Search for Absorption in the Fourth Positive System of CO in the Spectrum of the Planetary Nebula IC418, Clavel and Flower, M.N. 190, 1p, 1980.
68. HD15570: A Star Intermediate Between Of and WN7, Willis and Stickland, M.N., 190, 27p, 1980.
69. Spectrophotometry of Dwarf Novae in the Wavelength Range 1200-7500Å, Bath, Pringle, and Whelan, M.N. 190, 185, 1980.
70. IUE and Balloon Spectral Observations of Mass Loss From Beta Ori, Bates, et al., M.N. 190, 611, 1980.
71. The Abundance of Carbon and Magnesium in the Orion Nebula, Perinotto and Patriarchi, Ap. J., 235, L13, 1980.
72. Variable Mass Flux in the Be Star 59 Cygni, Doazan, et al., Ap. J. 235, L17, 1980.
73. The CIV Resonance Lines in B and Early A Supergiants, Underhill, Ap. J., 235, L149, 1980.
74. IUE Low Dispersion Spectra of Four Luminous Stars in Symmetric Nebulae, Johnson, Ap. J. 235, 66, 1980.

## IUE PUBLICATIONS IN PRINCIPAL JOURNALS

75. Outer Atmospheres of Cool Stars III, IUE Spectra and Transition Region Models, for Alpha Cen A and B, Ayres and Linsky, Ap. J. 235, 76, 1980.
76. Outer Atmospheres of Cool Stars IV. A Discussion of Cool Stellar Wind Models, Haisch, Linsky, Basri, Ap. J. 235, 519, 1980.
77. Interstellar Extinction in the LMC, Nandy et al., Nature 283, 725, 1980.
78. Analysis of the Far Ultraviolet Silicon Lines in G. Dwarf Stars, Fernandez-Figueroa et al., A&A, 82, 221, 1980.
79. IUE Observations of the Hot Components in Two Symbiotic Stars, Michalitsianos et al., Nature 284, 148, 1980.
80. The Far Ultraviolet Spectrum of  $\kappa$  Cet Observed from IUE, Rego, Cornide and Fernandez-Figueroa, A&A Suppl., 39, 251, 1980.
81. A Discussion on the Nature of the Herbig-Haro Object No. 1. From Its Far UV Spectrum, Ortolani and D'Odorico, A&A 83, L8, 1980.
82. IUE Observation of Strong UV Absorption Lines in the Spectrum of the C<sub>2</sub> White Dwarf LP 145-141, Weidemann, Koester and Vauclair, A&A 83, L13, 1980.
83. Ultraviolet Observations of AM Herculis, Tanzi et al., A&A 83, 270, 1980.
84. Observations of the Quiescent Corona, Transition Region, and Chromosphere in the dMe Flare Star Proxima Centauri, Haisch and Linsky, Ap. J. 236, L33, 1980.
85. Observations of the Spectrum of Jupiter from 1500 to 2000 $\text{\AA}$  with IUE, Owen et al., Ap. J. 236, L39, 1980.
86. Hybrid Atmospheres and Winds in Supergiant Stars, Hartmann, Dupree, Raymond, Ap. J. 236, L143, 1980.
87. The Boundary Line in the H-R Diagram from Stellar Chromospheres and the Theory of Convection, Bohm-Vitense and Dettmann, Ap. J. 236, 560, 1980.
88. Ultraviolet Absorption by Interstellar Gas Near 30 Doradus, de Boer, Koorneef and Savage, Ap. J. 236, 769, 1980.
89. Ultraviolet Spectra of Planetary Nebulae-I The Abundance of Carbon in IC418, Harrington et al., M.N., 191, 13, 1980.
90. Interstellar Carbon Monoxide in the Direction of the Supernova Remnant S147, Gondhalekar and Phillips, M.N., 191, 13p, 1980.
91. IUE Observations of Interstellar SiIV and CIV Lines Observed in the Spectra of Wolf-Rayet Stars, Smith, Willis and Wilson, M.N., 191, 339, 1980.
92. U.V. Observations of WZ Sagittae in Outburst, Fabian et al., M.N., 191, 457, 1980.

## IUE PUBLICATIONS IN PRINCIPAL JOURNALS

93. The U.V. Spectrum of AE Aqr, Jameson, King and Sherrington, M.N., 191, 559, 1980.
94. Does Phi Herculis Have a Corona? Stickland and Dworetsky, M.N., 191, 33p, 1980.
95. SI Emission in EUV Spectra of Late-Type Stars, Brown and Jordan, M.N., 191, 37p, 1980.
96. BD + 33° 2642: A Galactic Halo Blue Star Observed by IUE, Stalio and Franco, A&A, 84, 869, 1980.
97. An Upper Limit to the Global SO<sub>2</sub> abundance on Io, Butterworth et al., Nature, 285, 308, 1980.
98. UV Spectra of the Twin QSO's 0947+561 A, B, Gondhalekar and Wilson, Nature 285, 461, 1980.
99. Far UV Observations of PKS 2155-304, Maraschi et al., Nature 285, 555, 1980.
100. Interstellar CIV and SiIV Column Densities toward Early-type Stars. Bruhweiler, Kondo and Mc Cluskey, Ap. J., 237, 19, 1980.
101. Outer Atmospheres of Cool Stars VI. Models for ε Eridani Based on IUE Spectra of CII, MgII, SiIII and SiIIII, Simon, Kelch and Linsky, Ap. J., 237, 72, 1980.
102. Ultraviolet, Visual and Infrared Observations of the Peculiar Be Star HD 45677, Sitko and Savage, Ap. J., 237, 82, 1980.
103. The Observations of the X-ray Source HZ Herculis/Hercules X-1, Gursky et al., Ap. J., 237, 163, 1980.
104. IUE Ultraviolet Spectroscopy of Stars in the Magellanic Clouds, Hutchings, Ap. J., 237, 285, 1980.
105. IUE Observations of Circumstellar Emission from the Late Type Variable R Aquarii (M7 + pec), Michalitsianos, Kafatos, and Hobbs, Ap. J., 237, 506, 1980.
106. Ultraviolet, Visible, Infrared, and X-ray Observations of Scorpius X-1, A. J. Willis, et al., Ap. J. 237, 596, 1980.
107. Observations of R Aquarii, H. M. Johnson, Ap. J., 237, 840, 1980.
108. IUE Observations of M 87, Bertola et al., Ap. J., 237, L65, 1980.
109. X-ray and Ultraviolet Spectroscopy of Cygnus X-1 = HDE 226868, Pravdo, et al., Ap. J., 237, L71, 1980.
110. Photometric Calibration of the International Ultraviolet Explorer, Bohlin et al., A&A, 85, 1, 1980.
111. IUE Observations of the Be Stars HD 102567 (4U1145-61), X Per and γ Cas, Hammerschlag Hensberge, et al., A&A, 85, 119, 1980.

## IUE PUBLICATIONS IN PRINCIPAL JOURNALS

112. High Dispersion EUV Observations of Planetary Nebulae, Koppen and Wehrse, A&A, 85, L15, 1980.
113. IUE UV Spectra of Giant Extragalactic HII Regions, Rosa, A&A, 85, L21, 1980.
114. Physical Conditions and Abundances of CNO Elements in NGC 7027, Perinotto, Panagia and Benvenuti, A&A, 85, 332, 1980.
115. Evidence for Hot Gaseous Coronae around the Magellanic Clouds, deBoer and Savage, Ap. J. 238, 86, 1980.
116. IUE and Visible Observations of the Orion Nebula and IC418: The Carbon Abundance, Torres-Peimbert, Peimbert and Daltabuit, Ap. J. 238, 133, 1980.
117. Mass Loss From O-Type Stars, Conti and Garmany, Ap. J. 238, 190, 1980.
118. Ultraviolet Spectroscopic Observations of VV Cephei, Hagen et. al., Ap. J. 238, 203, 1980.
119. The Detection of Mass Loss in Stellar Chromospheres, Stencel and Mullan, Ap. J. 238, 221, 1980.
120. The Detection of a Companion Star to the Cepheid Variable Eta Aquilae, Mariska, Doschek and Feldman, Ap. J. 238, L 87, 1980.
121. Recombination Spectrum and Reddening in NGC 1068, Neugebauer et. al., Ap. J. 238, 502, 1980.
122. Far Ultraviolet Spectrophotometry of Supernova Remnants: Observations and Astrophysical Interpretation, Benvenuti, Dopita and D'Odorico, Ap. J. 238, 601, 1980.
123. IUE Observations of the Orion Nebula, Perinotto and Patriarchi, Ap. J. 238, 614, 1980.
124. Ultraviolet Observations of the Cygnus Loop, Raymond et. al., Ap. J. 238, 881, 1980.
125. Emission Measures Derived from Far Ultraviolet Spectra of T Tauri Stars, Cram, Giampapa and Imhoff, Ap. J. 238, 905, 1980.
126. Ultraviolet Spectroscopy with IUE of OB Stars with Stellar Winds, Hutchings and von Rudloff, Ap. J. 238, 909, 1980.
127. IUE Observations of the Peculiar M Giant HD 4174, Stencel and Sahade, Ap. J. 238, 929, 1980.
128. Ultraviolet Spectrum Analysis of the Helium White Dwarf Ross 640, Cottrell and Greenstein, Ap. J. 238, 941, 1980.
129. Simultaneous Ultraviolet, Optical and X-Ray Observations of the X-Ray Source Vela X-1 (HD 77581), Dupree et. al., Ap. J. 238, 969, 1980.

## IUE PUBLICATIONS IN PRINCIPAL JOURNALS

- 130. IUE Observations of the UV Spectrum of Comet Bradfield, Feldman et. al., Nature 286, 132, 1980.
- 131. IUE Observations of the Atmospheric Eclipsing Binary System  $\xi$  Aurigae, Chapman, Nature 286, 580, 1980.
- 132. Detailed Ultraviolet Observations of the Quasar 3C273, Ulrich et. al., M.N. 192, 561, 1980.