R.F. Griffin — list of publications

      Observatory, 78, 245.  (With A.D. Thackeray.)

1960  Photoelectric measurements of the λ 4200 Å CN band and the G band in G8–K5
      spectra.

1961  Photoelectric measurements of the λ 5250 Å Fe I triplet and the D lines in G and
      K stars.

1963  Positions of optical objects in the fields of 42 radio sources.
      Short-term changes in the spectrum of Arcturus.
      Observatory, 83, 255.

1964  The spectrum of Arcturus in the far infrared.
      Very broad features in the spectra of late-type stars.
      Observatory, 84, 154.
      Resolving power of the 100-inch coudé spectrograph in the infrared.

1966  The spectroscopic binary 73 Leonis.
      Observatory, 86, 145.

1967  A photoelectric radial-velocity spectrometer.
      Hyperfine structure in the spectrum of Arcturus.
      Observatory, 87, 253.  (With R.E.M. Griffin.)
      Curve-of-growth analysis of the spectrum of Arcturus.

1968  A photometric atlas of the spectrum of Arcturus.
      (Cambridge Philosophical Society.)

1969  Forbidden Ca II in Arcturus.
      Observatory, 89, 9.  (With R.E.M. Griffin.)
      Rubidium in Arcturus.
      Observatory, 89, 62.  (With R.E.M. Griffin.)
      Some effects of the instrumental profile in stellar spectrophotometry, with
      particular reference to the Arcturus Atlas.
      A first observation of Arcturus with a double-pass spectrometer.
1969 The instrumental profile of the Liège solar atlas.

   (cont.) The instrumental profile of the Utrecht solar atlas.

   Photoelectric radial velocities of four K stars.

1970 The intensity of Sc I $\lambda$ 6305 Å in late-type stars.

   Photoelectric radial velocities of 87 seventh-magnitude K stars previously observed by Redman.

1971 Photoelectric radial velocities, Paper IV.
   528 7m–10m stars in the +15° Selected Areas.

1972 Photoelectric radial velocities, Paper V.
   69 southern HR stars.

1973 On image structure, and the value and challenge of very large telescopes.
   Observatory, 93, 3.

   On the possibility of determining stellar radial velocities to 0.01 km/s.

   Accurate wavelengths of stellar and telluric absorption lines near $\lambda$ 7000 Å.

1974 The Palomar radial-velocity spectrometer.
   Astrophys. J., 191, 545. (With J.E. Gunn.)

   Radial-velocity observations of 57 Pegasi.
   Observatory, 94, 188. (With B.F. Peery.)

   On the azimuth of the Sun.
   Observatory, 94, 316. (With B.G. Marsden.)

1975 A model-atmosphere analysis of the spectrum of Arcturus.

   A model-atmosphere analysis of the spectrum of Arcturus
   (Basic spectroscopic data).
   (With R. Mäckle, R.E.M. Griffin & H. Holweger.)

   Photoelectric radial velocities, Paper VI.
   Heard’s IAU standard stars.

   Radial-velocity measurements of visual binaries. I.
   Astr. J., 80, 245.
1975  Spectroscopic binary orbits from photoelectric radial velocities.
       (cont.)  Paper 1: HD 45088.  Observatory, 95, 23.  (With B. Emerson.)
       Paper 2: HD 9313.  Observatory, 95, 98.  (With B. Emerson.)
       Paper 3: HR 8035.  Observatory, 95, 143.  (With G.A. Radford.)

       Observatory, 96, 54.  (With H.A. Abt.)

       Atmospheric refraction and spurious colour.

Roderick Oliver Redman.
       (With R.v.d.R. Woolley.)

Spectroscopic binary orbits from photoelectric radial velocities.
       Paper 8: HD 90385.  Observatory, 96, 98.  (With G.A. Radford.)
       (With G.A. Radford, D. Harmer & D.J. Stickland.)
       Paper 10: 1 Gem B.  Observatory, 96, 188.  (With G.A. Radford.)

1977  Échelles in radial-velocity spectrometers.
       Observatory, 97, 9.

       The multiple star HD 188753 (ADS 13125).
       Observatory, 97, 15.

       Hyades giants δ and θ¹ Tauri as spectroscopic binaries.
       Astr. J., 82, 176.  (With J.E. Gunn.)

       The gravitational field of the Galaxy in the z direction.
       Highlights of Astronomy, 4, part 2, 65.

Spectroscopic binary orbits from photoelectric radial velocities.
       Paper 13: HD 223969.  Observatory, 97, 86.  (With G.A. Radford.)
       Paper 14: HD 187299.  Observatory, 97, 169.  (With G.A. Radford.)
       Paper 15: HR 6940.  Observatory, 97, 173.  (With G.A. Radford.)
       Paper 16: HD 13738.  Observatory, 97, 196.  (With G.A. Radford.)
       Paper 17: HR 7083.  Observatory, 97, 235.  (With G.A. Radford.)

1978  High-resolution stellar spectroscopy.

       Spectroscopic orbits for the Hyades dwarfs van Bueren 62, 117 and 121.
       Astr. J., 83, 1114.  (With J.E. Gunn.)

       Emission lines in the spectrum of Vega?
1978  Radial velocity measurements of visual binaries. II.

Photographic observations of the interstellar K line in η Orionis.


Spectroscopic binary orbits from photoelectric radial velocities.


1979  High resolution profiles in A type stars.

I. The Ca II K line in Sirius.

\textit{Astr. Astrophys.}, \textbf{71}, 36.  (With R.E.M. Griffin.)

Spectroscopic detection of HD 187299 B.


Radial velocities of certain stars previously measured at the David Dunlap Observatory.

\textit{Observatory}, \textbf{99}, 42.  (With J.F. Heard.)

Dynamical studies of globular clusters based on photoelectric radial velocities of individual stars. I. M3.

\textit{Astr. J.}, \textbf{84}, 752.  (With J.E. Gunn.)

The 3200–3600 Å region of the spectrum of Arcturus.

\textit{Astrophys. J. Suppl.}, \textbf{41}, 631.  (With R.E.M. Griffin.)

\textit{A photometric atlas of the spectrum of Procyon}.

(Published by the authors.)  (With R.E.M. Griffin.)

The spectroscopic orbit of BD +29° 3805.


Radial-velocity orbit of HR 5161.


Accuracy of line-profile measurements.


Spectroscopy of HR 4665, a bright long-period RS CVn system.

\textit{Astr. J.}, \textbf{84}, 1763.

(With B.W. Bopp, F. Fekel, W.I. Beavers, J.E. Gunn & D. Edwards.)

Literature references, journal abbreviations and the IAU.


Radial velocity orbit for HR 2081.

1979  Spectroscopic binary orbits from photoelectric radial velocities.  
(cont.)  

1980  Photoelectric radial velocities, Paper VII.  
The orbit of the IAU radial-velocity standard star HD 14969.  

Stellar radial velocities: the case of 1 Geminorum.  

High resolution profiles in A type stars. II.  The Ca II K line in Sirius.  
Astr. Astrophys., 82, 385.  (With R.E.M. Griffin.)  

The Ca II K line in Deneb.  

Non-emission-line flare stars.  
Observatory, 100, 198.  (With B.R. Pettersen.)  

A spectroscopic orbit for HR 6626.  
Astr. Astrophys., 91, 112.  (With M. Mayor.)  

Spectroscopic analysis of Pollux relative to the Sun, with special reference to Arcturus.  
(With F. Ruland, H. Holweger, R.E.M. Griffin & D. Biehl.)  

Line blocking and equivalent widths in the spectrum of Pollux.  
(With F. Ruland, R.E.M. Griffin, D. Biehl & H. Holweger.)  

Spectroscopic binary orbits from photoelectric radial velocities.  
Paper 30: HD 108078.  Observatory, 100, 1.  
Paper 31: HR 6659.  Observatory, 100, 30.  
Paper 32: HD 203631.  Observatory, 100, 73.  
Paper 33: HR 913.  Observatory, 100, 113.  
Paper 34: HR 4249 A.  Observatory, 100, 161.  

1981  Photoelectric radial velocities, Paper VIII.  
The orbit of the barium star HD 101013.  

Spectroscopic orbits for the Hyades dwarfs 23° 635, vB 162 and vB 182, and the non-member J 318.  
Astr. J., 86, 588.  (With J.E. Gunn.)
1981  A spectroscopic orbit for 26 Comae.

The spectroscopic orbit of HD 225292.

Spectroscopic orbits of ξ Piscium, 60 Andromedae and ξ¹ Ceti.

A spectroscopic orbit for HD 115968.

Spectroscopic binary orbits from photoelectric radial velocities.

1982  HD 115444 — a barium star of extreme Population II.
(With R.E.M. Griffin, B. Gustafsson & T. Vieira.)

Spectroscopic orbits for three double-lined binaries in the Hyades field, 22° 669,
νA 771 and νB 166.
Astr. Astrophys., 106, 221.  (With M. Mayor & J.E. Gunn.)

Photoelectric radial velocities, Paper IX.
The orbits of the spectroscopic binaries 81 and χ Geminorum.

Spectroscopic binaries near the North Galactic Pole.

Radial-velocity orbit for HR 4006.

Photoelectric radial velocities, Paper X.
The orbits of four spectroscopic binaries in the Clube Selected Areas.

81 Cancri (φ 347) — a visual binary which is spectroscopically double-lined.
Observatory, 102, 217.  (With R.E.M. Griffin.)

Spectroscopic binaries near the North Galactic Pole.
Paper 4: HD 120803.

Spectroscopic binaries near the North Galactic Pole.
Paper 5: HD 117064.
1982  The evolved stellar system $\Sigma$ 2367.  
Publ. Astr. Soc. Pacific, 94, 860.  (With A.H. Batten, J.M. Fletcher,  
W.A. Fisher, R.D. McClure, C.L. Morbey & C.D. Scarfe.)

Barnard’s observations of Io.  
Sky & Telescope, 64, 428.

Spectroscopic binaries near the North Galactic Pole.  
Paper 6: BD 33° 2206.  

Spectroscopic binary orbits from photoelectric radial velocities.  
Paper 43: HR 7024. Observatory, 102, 27.  
Paper 44: $\epsilon$ Aquilae. Observatory, 102, 81.  
Paper 47: HR 8580. Observatory, 102, 223.

1983  Spectroscopic binaries near the North Galactic Pole.  
Paper 7: HD 107742.  

Charles Edward Rhodes Bruce.  

A spectroscopic orbit for $\upsilon$ Draconis.  
J. R. Astr. Soc. Canada, 77, 73.  (With H.C. Harris & R.D. McClure.)

On the constancy of spectral line bisectors.  

Spectroscopic binary orbits from photoelectric radial velocities.  
A synopsis of Papers 1–50.  
Observatory, 103, 273.

Spectroscopic binaries near the North Galactic Pole.  
Paper 8: HD 121844.  

Spectroscopic binaries near the North Galactic Pole.  

Spectroscopic binary orbits from photoelectric radial velocities.  
Paper 51: 30 Vulpeculae. Observatory, 103, 199.  
1984  Radial-velocity measurements of the lunar-occultation binaries 66 Ari and HD 64704.
    Observatory, 104, 69.

Radial-velocity observations of a periastron passage of the visual binary ADS 14396 (BD +45° 3310).
    Observatory, 104, 143.

    Observatory, 104, 192.

Spectroscopic binaries near the North Galactic Pole.
    Paper 10: HR 4668.

Photoelectric radial velocities, Paper XI.
    The orbits of four more spectroscopic binaries in the Clube Selected Areas.

Mt Wilson 100-inch telescope.
        Nature, 310, 536. (With R.E.M. Griffin.)

The spectroscopic orbit of HR 1878.

Distribution of periods and amplitudes of spectroscopic binaries.

“Improvements” to photography.

Spectroscopic binary orbits from photoelectric radial velocities.

1985  Spectroscopic binaries near the North Galactic Pole.

The first binary orbit for an S-type star — HR 1105.

Concluding summary and remarks.
    Ibid., p. 387.

Spectroscopic binaries near the North Galactic Pole.
    Paper 12: 6 Boötes.
1985    Photoelectric radial velocities, Paper XII.
        (cont.)    The orbits of another four spectroscopic binaries in the Clube Selected Areas.

        Radial-velocity work at Cambridge and Palomar.
        Stellar Radial Velocities, edited by A.G.D. Philip & D.W. Latham (Davis
        Press, Schenectady), p. 121.

        Mt. Wilson 100-inch telescope.
        Sky & Telescope, 70, 100.    (With R.E.M. Griffin.)

        Mt. Wilson Observatory.
        Nature, 316, 671.    (With R.E.M. Griffin.)

        The Be II $\lambda$ 3130 Å region in the spectra of Vega and Sirius.

        Spectroscopic orbits for 16 more binaries in the Hyades field.

        Radial velocities and proper motions of globular cluster stars.
        Int. Astr. Un. Symposium 113, edited by J. Goodman & P. Hut (Reidel,
        (With R. Lupton & J.E. Gunn.)

        A naive determination of the rotation period of Uranus.
        Observatory, 105, 203.    (With J.E. Gunn.)

        A spectroscopic orbit for HR 152.
        (With R.D. McClure, J.M. Fletcher, H.C. Harris & M. Mayor.)

        Spectroscopic binaries near the North Galactic Pole.

        Alpha Tauri CD — a well-known Hyades binary.

        Spectroscopic binary orbits from photoelectric radial velocities.

1986    The spectroscopic orbits of HD 44780 and 65 Geminorum.

        Photoelectric radial velocities, Paper XIII.
        406 ninth-magnitude stars in the Clube Selected Areas.
1986  The identity of the primary component of Capella.  
Precise radial velocities of late-type stars in the open clusters M11 and M67.  
Composite spectra, Paper 1: HR 6902.  
Spectroscopic binary orbits from photoelectric radial velocities.

1987  The orbit of the visual binary Kpr 114 (HR 8629.).  
J. R. Astr. Soc. Canada, 81, 3.  (With W.D. Heintz.)
On the reality of certain spectroscopic orbits.
The Isaac Newton Telescope and its coudé spectrograph.
Quart. J. R. astr. Soc. 28, 175.
Dynamical studies of globular clusters based on photoelectric radial velocities of 
individual stars and on the observed mass function. II. M13.  
Astr. J., 93, 1114.  (With R.H. Lupton & J.E. Gunn.)
HR 6902 — a newly discovered eclipsing system.
Spectroscopic binary orbits from photoelectric radial velocities.
Paper 72: 1 Pegasi B. Observatory, 107, 1.
Paper 73: HR 7041. Observatory, 107, 58.

1988  The giant spectroscopic binary 35 Com.  
4 Dra — a unique triple system containing an M3 giant and a cataclysmic binary.  
High-quality spectroscopy at the AAT.  
Spectroscopic binaries near the North Galactic Pole.  
Paper 14: HD 118234.  
1988  The spectroscopic orbit of HD 53299 A.  
(With C.D. Scarfe & R.E.M. Griffin.)
A radial-velocity survey of the Hyades.  
_Astr. J._, 96, 172.  
(With J.E. Gunn, B.A. Zimmerman & R.E.M. Griffin.)
A new convergent point and distance modulus for the Hyades from radial velocities.  
_Astr. J._, 96, 198.  
(With J.E. Gunn, R.E.M. Griffin & B.A. Zimmerman.)

Duplicity in the solar neighbourhood.  
V. Spectroscopic orbit for the nearby double-lined solar-type star HR 8581.  
(With A. Duquennoy, W.I. Beavers & J.J. Eitter.)
Light pollution and Mount Wilson Observatory.  
(With R.E.M. Griffin.)

Spectroscopic binaries near the North Galactic Pole.  
Paper 15: HD 106947.  

Composite spectra, Paper 2: HD 88021/2.  
(With R.E.M. Griffin.)

Spectroscopic binaries near the North Galactic Pole.  
Paper 16: HD 116093.  

HD 115781 and HD 116204 — two RS CVn binaries.  
(With F.C. Fekel.)

Spectroscopic binary orbits from photoelectric radial velocities.  
Paper 78: HD 169385.  
_Observatory_, 108, 16.  
Paper 79: HD 20214.  
_Observatory_, 108, 49.  
Paper 80: HD 7426.  
_Observatory_, 108, 90.  
Paper 81: HD 177390/1.  
_Observatory_, 108, 114.  
(With R.E.M. Griffin.)  
Paper 82: HR 6005.  
_Observatory_, 108, 155.  
Paper 83: HD 122767.  
_Observatory_, 108, 220.

1989  ζ Aurigae binary stars.  
_Amer. Ass. Var.-Star Obs. Photoelectric Photometry Newsl._, 8, no. 3.

The radial-velocity revolution.  
_Sky & Telescope_, 76, 263.

Composite spectra, Paper 3: π Aquilae.  
(With R.E.M. Griffin.)

Derivation of photographic characteristic curves with a birefringent calibration device.  
_Astr. Astrophys._, 222, 358.  
(With R.E.M. Griffin.)

The discovery of HD 122767 as a spectroscopic binary.  
_Observatory_, 109, 192.
1989  Spectroscopic binaries near the North Galactic Pole.
      (cont.)  Paper 17: HD 111425.

Spectroscopic binary orbits from photoelectric radial velocities.

1990  The chromospherically active solar-type spectroscopic binary HD 191262.
                \textit{J. Astrophys. Astr.}, 11, 43.  (With F.C. Fekel.)

Orbital elements and optical spectroscopy of the enigmatic cF + B binary system HD 207739.
                (With S.B. Parsons, R. Dempsey & B.W. Bopp.)

Optical spectra of \( \zeta \) Aurigae binary systems.
      I.  The 1987 eclipse of \( \zeta \) Aurigae.
                \textit{Astr. Astrophys.}, 234, 284.
                (With R.E.M. Griffin, K.-P. Schröder & D. Reimers.)

Optical spectra of \( \zeta \) Aurigae binary systems.
      II.  The lower chromosphere of \( \zeta \) Aurigae.
                \textit{Astr. Astrophys.}, 234, 299.  (With K.-P. Schröder & R.E.M. Griffin.)

Composite spectra, Paper 4: HD 201270/1.

The spectroscopic orbit of 6 Draconis.

The technique of spectral subtraction: optical spectra of the chromosphere of \( \zeta \) Aur.
                (With R.E.M. Griffin & K.-P. Schröder.)

Lacunae in the spectroscopic orbit catalogue.
                \textit{Observatory}, 110, 96.

Composite spectra, Paper 5: Orbital elements for 30 systems.

Orbits of 22 spectroscopic binaries in the open cluster M67.
                \textit{Astr. J.}, 100, 1859.  (With R.D. Mathieu & D.W. Latham.)

Spectroscopic binaries near the North Galactic Pole.
      Paper 18: HD 118670.
1990  Spectroscopic binary orbits from photoelectric radial velocities.

1991  Line profiles in 70 Ophiuchi (again).
         Observatory, 111, 37.

Gamma Persei Eclipsed!
         Sky & Telescope, 81, 598.

Spectroscopic binaries near the North Galactic Pole.
         Paper 19: HR 4693.

Discovery of eclipses in HD 223971 and call for observations.
         Int. Amateur–Professional Photoelectric Photometry Commun., no. 44, 82.
         (With H. & R. Lines & G. Frey.)

γ Persei — ein Bedeckungsveränderlicher!
         Sterne und Weltraum, 30, 296.  (With K.-P. Schröder.)

Spectroscopic binaries near the North Galactic Pole.
         Paper 20: HD 111068.

Spectroscopic binaries near the North Galactic Pole.

An improved spectroscopic orbit for HD 75767.

Spectroscopic binary orbits from photoelectric radial velocities.
         A synopsis of Papers 1–100.
         Observatory, 111, 291.

Spectroscopic binary orbits from photoelectric radial velocities.
         Paper 99: φ Piscium.  Observatory, 111, 155.  (With G.H. Herbig.)
         Paper 100: φ Piscium B.  Observatory, 111, 201.

1992  Spectroscopic binaries near the North Galactic Pole.
         Paper 22: HR 4793
1992  Optical spectra of ζ Aurigae binary systems.
(Cont.) III. The 1989 eclipse of τ Persei.
(With R.E.M. Griffin, K.-P. Schröder & A. Misch.)

Orbital elements for field late-type binaries.
Binaries as Tracers of Stellar Formation, edited by M. Mayor & A. Duquennoy
(Cambridge Univ. Press), p. 96.

Concluding remarks.
Ibid., p. 291.

Spectroscopic studies of binary and multiple star systems.

Is this designation really necessary?
Ibid., p. 320.

Prospects for automated radial-velocity observations.

Spectroscopic binary orbits from photoelectric radial velocities.
Paper 103: HD 19942 and HD 193891, with a note on HD 1405.
Observatory, 112, 41.

1993  The K-type supergiant HR 237.

Optical spectra of ζ Aurigae binary systems.
V. The 1988 eclipse of 22 Vulpeculae.

Spectroscopic binary orbits from photoelectric radial velocities.
Observatory, 113, 53. (With A. Duquennoy.)

1994  The rotational speed of HD 82443.
Observatory, 114, 294.
1994
Photoelectric radial velocities, Paper XIV.
(cont.) Variation of the radial velocity of $\epsilon$ Cygni.

Composite spectra, Paper 6: 9 Cygni.

The eclipse of Gamma Persei.
(With 12 collaborators.)

Spectroscopy and orbit determination of the chromospherically active double-lined binary system HD 163621 = V835 Herculis.

Spectroscopic binary orbits from photoelectric radial velocities.

1995
9 Aurigae: strong evidence for non-radial pulsations.
(With K. Krisciunas, E.F. Guinan, K.D. Luedeke & G.P. McCook.)

Optical spectra of $\zeta$ Aurigae binary systems.
VII. The 1987 and 1989 eclipses of HR 6902.

One possibility for amateur/professional collaboration.

An improved orbit for the double-lined Pleiades binary HD 23642.

Photometric variability of the ellipsoidal star and spectroscopic binary 7 Camelopardalis.

Contribution à l’étude des spectres composites. VI. HD 16646.

HD 26917 — a double-lined late-type evolved binary.
(With J. Andersen, M. Mayor & A. Duquennoy.)

Binary star orbits from speckle interferometry.
VII. The nearby solar-type speckle–spectroscopic binary HR 6697.
*Astr. J.*, **110**, 366. (With 7 collaborators.)
1995 Spectroscopic binary orbits from photoelectric radial velocities.
(Cont.) Paper 120: HR 3325. *Observatory*, 115, 16.
(With J.J. Eitter & P.N. Appleton.)

1996 Thirty years’ radial velocities of 56 Ursae Majoris.
*Observatory*, 116, 398.

Spectroscopic binary orbits from photoelectric radial velocities.
(With J.M. Carquillat, N. Ginestet & S. Udry.)
(With A. Jorissen & M. Mayor)


Binary star orbits from speckle interferometry.
X. Speckle–spectroscopic orbits of HR 233, 36 Tau and 73 Leo.
(With B.D. Mason, H.A. McAlister, W.I. Hartkopf & R.E.M. Griffin.)

The γ-Doradus-type variable 9 Aurigae: results from a multi-site campaign

Radial velocities and DDO, BV photometry of Henry Draper G5–M stars near the North Galactic Pole.
*J. Astrophys. Astr.*, 18, 161. (With K.M. Yoss.)

Spectroscopic binary orbits from photoelectric radial velocities.
(With M. Mayor, F. Pont & S. Udry.)
(With J.-M. Carquillat, N. Ginestet, A. Duquennoy & S. Udry.)

*Observatory*, 118, 145.

44 Leonis Minoris and the “Pleiades Supercluster”.
*Observatory*, 118, 253.
1998  Arcturus as a double star.
(continuation)

Photoelectric radial velocities, Paper XV.

The triple system HD 149240.


Spectroscopic binary orbits from photoelectric radial velocities.


Denis Wardlaw Beggs.

*Astr. & Geophys.*, 42, 5.34.

In defence of Albireo.


Contribution à l’étude des spectres composites.

VIII. HD 174016–7, une étoile Ap associée à une géante G.


Spectroscopic binary orbits from photoelectric radial velocities.

- Paper 144: HR 5 B. *Observatory*, 119, 51.


The shortest twilight.

*Observatory*, 120, 62. (With B.G. Marsden.)

HD 105020 — not a binary star.

*Observatory*, 120, 325.

The new ‘High resolution spectral atlas of telluric lines’.


Composite spectra, Paper 10: the equal-mass binary HR 2030 (K0 IIb + B8 IV).


Spectroscopic binary orbits from photoelectric radial velocities.

A synopsis of Papers 101–150.

*Observatory*, 120, 195.
2000 Direct observation of the fourth star in the ζ Cancri system.


The triple system HR 7272.


Conspiracy to put a kink in the main sequence.

Observatory, 120, 331.

Correction to a paper on HD 207739.


Spectroscopic binary orbits from photoelectric radial velocities.

Paper 150: ζ Cancri C. Observatory, 120, 1.

Paper 151: HD 21484. Observatory, 120, 137.

Paper 152: HD 146117. Observatory, 120, 188.


Paper 154: HR 7798. Observatory, 120, 320.


2001 Radial-velocity observations of a periastron passage of the visual binary HD 10297 (ADS 1321).

Observatory, 121, 171.

Oh and Omicron.


Spectroscopic binaries near the North Galactic Pole.

Paper 23: HD 111154.


Orbital and stellar parameters of Omicron Leonis from spectroscopy and interferometry.


Radial-velocity observations of a periastron passage of the visual binary HD 26090 (ADS 3017).

Observatory, 121, 244.

Spectroscopic binaries near the North Galactic Pole.

Paper 24: HD 106104, 109281, 109463 and 110743.


Spectroscopic binary orbits from photoelectric radial velocities.

Paper 156: HD 187003. Observatory, 121, 55. (With T.W. Brown.)


Paper 158: 72 Piscium. Observatory, 121, 162.

Paper 159: HD 1917, 4271 and 218687, with notes on HD 10262 and 190401.

Observatory, 121, 221.

Paper 160: HD 44192, 45191 and 92823 (the double-lined eclipsing binaries V454 and V455 Aurigae and UW Leonis Minoris).

Observatory, 121, 315.

Orbits of Hyades multiple-lined spectroscopic binaries.
Paper 1: the double-lined system HDE 285947.
*Observatory*, **122**, 1. (With J. Tomkin.)

Composite spectra, Paper 11: α Equulei, an astrometric binary with an Am secondary.

HD 98116 (FO Leonis) — not an eclipsing binary.
*Observatory*, **122**, 355.

First orbital elements for the λ Boötis spectroscopic binary systems HD 84948 and HD 171948.
(With I.K. Iliev, E. Paunzen, I.S. Barsova, I. Kamp, A. Claret & C. Koen.)

Spectroscopic binary orbits from photoelectric radial velocities.
(With J-M Carquillat & N. Ginestet.)


Radial-velocity observations of a periastron passage of the visual binary HD 153527 (COU 1289).
*Observatory*, **123**, 301.

The nature of overluminous F stars observed in a radial-velocity survey.
*Astrophys. J. Suppl.*, **147**, 103. (With A.A. Suchkov.)

Contribution to the search for binaries among the Am stars — IV.
HD 100054 B and 187258.
(With N. Ginestet, J.-L. Prieur & J.-M Carquillat.)

Spectroscopic binary orbits from photoelectric radial velocities.
Paper 170: HD 553 and HDE 337518 (V741 Cassiopeiae and V511 Lyrae)
*Observatory*, **123**, 129.

Paper 171: HD 152028 and HDE 284195 (GK Draconis and V1094 Tauri)
*Observatory*, **123**, 203.

Paper 172: HD 83509, HD 95547, and HD 190275.
*Observatory*, **123**, 286.

*Observatory*, **123**, 344.

The orbital eccentricity of HDE 258878 (OW Gem). 


A second look at the orbit of HR 6388. 
*Observatory*, **124**, 294.

Spectroscopic binary orbits from photoelectric radial velocities. 
Paper 174: HD 14914, HR 2599, and HD 221422. 
*Observatory*, **124**, 22.

*Observatory*, **124**, 97.

*Observatory*, **124**, 190.


*Observatory*, **124**, 429.

2005 The BY Dra star HD 77191 is a spectroscopic binary. 
*Observatory*, **125**, 323.

WZ Cas — variability on multiple time-scales. 

Radial-velocity observations that just missed a periastron passage of 34 Leonis. 
*Observatory*, **125**, 388.

Spectroscopic binary orbits from photoelectric radial velocities. 

Paper 181: HD 49635/6, HD 50730/1, HD 201563, and HD 203340. 
*Observatory*, **125**, 81.

Paper 182: 22 Camelopardalis, HD 156051, HR 6890, and HD 221757. 
*Observatory*, **125**, 134.

*Observatory*, **125**, 253.

*Observatory*, **125**, 300.

Paper 185: HD 15850, HR 2452, HR 5769, and HD 193468. 
*Observatory*, **125**, 367.

2006 HD 61396: an unusual mass-transfer RS CVn binary. 
*New Astronomy*, 11, 431. (With R. Church & C.A. Tout.)

Comment on ‘The case and fate of HD 75767 – neutron star or supernova?’ by Fuhrmann et al. 
2006  BD +16° 4588 and +15° 4512, two stars recently proposed as BY Dra variables, are not short-period binary systems.

*Observatory, 126*, 48.

Contribution to the study of F–G–K–M binaries.

XI. Orbital elements of three red-giant spectroscopic binaries: HR 1304, HR 1908 and HD 126947.

*Astronomische Nachrichten, 327*, 686.

(With J.-L. Prieur & J.-M. Carquillat.)

θ¹ Orionis E as a spectroscopic binary.

*Astr. J.*, 132, 1763.  (With G.H. Herbig.)


*Observatory, 126*, 307.

Photoelectric radial velocities, Paper XVI.

625 ninth-magnitude K0 stars in the six southern Clube Selected Areas.


Photoelectric radial velocities, Paper XVII.

The orbits of 30 spectroscopic binaries in the Clube Selected Areas.


Composite spectra, Paper 14: HR 1129, a long-period binary showing evidence of circumbinary material.


Spectroscopic binary orbits from photoelectric radial velocities.


Paper 190: HD 109184, HD 110376, HD 119334, and HD 120531.

*Observatory, 126*, 338.


(With H. M. Boffin.)

2007  The double-lined spectroscopic binary HR 6046


Spectroscopic binary orbits from photoelectric radial velocities.


Paper 195: HD 50730 B, HD 213014 B, and HR 8082 B.

*Observatory, 127*, 225.


*Observatory, 127*, 313.

2007  Orbits of Hyades multiple-lined spectroscopic binaries.
(cont.) Paper 5: the quadruple system HD 30869 (van Bueren 124).
Observatory, 127, 87. (With J. Tomkin & A. Alzner.)

2008  The radial velocity of HDE 276743.
Observatory, 128, 407.

Discovery by E. E. Barnard of light diffusion through the Cassini Division in
Saturn’s rings.

Spectroscopic binary orbits from photoelectric radial velocities.
A synopsis of Papers 151–200.
Observatory, 128, 448.

Spectroscopic binary orbits from photoelectric radial velocities.
Observatory, 128, 21.
Paper 199: HD 105443, HD 108576, HD 112276, and HD 112641,
with a preliminary discussion of HR 4964. Observatory, 128, 95.
Paper 200: κ Persei11, β Leonis Minoris, 56 Ursae Majoris, HR 4593, and
39 Cygni. Observatory, 128, 176.
Observatory, 128, 474.

2009  Spectroscopic binary orbits for the Henry Draper Catalogue stars.

The nature of HD 212827.
Observatory, 129, 80. (With R.E.M. Griffin.)

Spectroscopic binaries near the North Galactic Pole.

Composite spectra, Paper 15: HD 216572, a triple system containing a short-
period, double-lined secondary.

A modern orbit for 96 Aquarii.
Observatory, 129, 147.

Spectroscopic binary orbits from photoelectric radial velocities.
Paper 204: HR 738, HR 831, HR 5692, and HR 7252.
Observatory, 129, 6.
Paper 205: HD 9519, δ Aurigae, HR 4427, and HR 7795.
Observatory, 129, 54.
Observatory, 129, 127.
Paper 207: 58 Piscium, 31 Vulpeculae, and 70 Pegasi.
Observatory, 129, 198.
2009 Spectroscopic binary orbits from photoelectric radial velocities.
Observatory, 129, 264.
Paper 209: Twenty Short-Period Active-Chromosphere Stars.
Observatory, 129, 317.

2010 Radial velocities of CABS3 stars other than those whose orbits are given in Paper 209.
Observatory, 130, 60.

Composite spectra, Paper 16: HR 3222, a 2.5-year binary with a metallic-line secondary.

Orbits of six late-type active-chromosphere binaries.
Astrophys. & Space Sci., 330, 47. (With N. Filiz Ak.)

Spectroscopic binary orbits from photoelectric radial velocities.
Paper 210: ψ6 Aurigae and 34 Pegasi. Observatory, 130, 17.
Observatory, 130, 75.
Observatory, 130, 125.
Paper 213: HD 179332, HD 181386, and their visual companions.
Observatory, 130, 232.
Paper 214: HR 6790, HR 6886, HR 6901, and HR 7137.
Observatory, 130, 299.
Observatory, 130, 349.

2011 Composite spectra, Paper 17: 12 Comae, a member of the Coma Open Cluster.
Astronomische Nachrichten, 332, 105. (With R.E.M. Griffin.)

The real orbital period of the double-lined spectroscopic binary HD 31738.
Observatory, 131, 283.

WZ Cassiopeiae.

Spectroscopic binary orbits from photoelectric radial velocities.
Observatory, 131, 17.
Paper 217: HD 159220, HD 211922, HD 212859, and HD 219726.
Observatory, 131, 70.
Observatory, 131, 139.
Observatory, 131, 225.
Paper 220: 60 Piscium, 27 Arietis, EZ Ursae Majoris, and 4 Equulei.
Observatory, 131, 294.
Paper 221: HD 109803, HD 109954, HD 110195, and HD 117078.
Observatory, 131, 351.
2012  The constant orbital period of FF UMa.

Photoelectric radial velocities, Paper XVIII.
      Spectroscopic orbits for another 52 stars in the Hyades field.

Spectroscopic binaries: towards the 100-year time domain.
      *New Horizons in Time-Domain Astronomy* (Int. astr. Un. Symp. 285), edited

The spectroscopic orbits of HD 23052 and HD 90512.

NGC 188 5438 — a revised orbit.

Composite spectra, Paper XVIII: HR 6497, a triple system containing a baffling
      double secondary.
      *Astronomische Nachrichten*, **333**, 613.  (With R.E.M. Griffin.)

Photoelectric radial velocities, Paper XIX.
      Additional spectroscopic binaries among the Redman K stars.

Photoelectric radial velocities, Paper XX.
      45 years’ monitoring of the radial velocities of the Redman K stars.
      *J. Astrophys. Astr.*, **33**, 245.  (With A. Stroe.)

Spectroscopic binary orbits from photoelectric radial velocities.
      Paper 222: HR 4241, HR 7208, HR 8026, and HR 8149.
      *Observatory*, **132**, 16.
      Paper 223: HR 396, HR 7477, HR 7636, and 6 Andromedae.
      *Observatory*, **132**, 76.
      Paper 224: HD 180660, HD 183791, BD +58° 2161, and BD +34° 4216.
      *Observatory*, **132**, 156.
      Paper 225: HR 1313, HR 3567, HR 3907, and HR 6239,
      with a Note on δ Boo, HD 146815, 64 Aql, and 75 Dra.
      *Observatory*, **132**, 234.
      *Observatory*, **132**, 309.
      *Observatory*, **132**, 356.

      *Observatory*, **133**, 144.

Comments on the nature of HD 75767.

Composite spectra, Paper XIX: HD 208253, whose secondary exhibits enhanced
      abundances of s-process elements.
      *Astronomische Nachrichten*, **334**, 661.  (With R.E.M. Griffin.)
2013 The orbits of the triple-star system 1 Geminorum from PHASES differential astrometry and spectroscopy. *Astrophys. J.*, **783**, 3. (With 11 other authors.)


Spectroscopic binary orbits from photoelectric radial velocities.

Paper 228: Ten stars with Hipparcos astrometric orbits.

*Observatory*, **133**, 1.

Paper 229: HD 26081, HD 125728, HD 134047 (HR 5631), and HDE 228188.

*Observatory*, **133**, 65.


HD 25788, HD 32704, HD 35967, HD 45191 (V455 Aur), and HD 213896 (LL Aqr).

*Observatory*, **133**, 156.

Paper 231: HD 936, HR 1198, HR 1360, and HD38750.

*Observatory*, **133**, 212.

Paper 232: HR 3360, HR 4927, HR 6999, and HR 8653.

*Observatory*, **133**, 269.

Paper 233: HD 17922, HD 78899, HD103613, and HD 160934, with a Note on HD 113449.

*Observatory*, **133**, 322.

2014 The three-dimensional orbit and physical properties of the binary COU 2031 (WDS 04464+4221, HIP 22196, HD 30090).


(With J.A. Docobo, V.S. Tamazian, E.P. Horch & P.P. Campo.)

Spectroscopic binary orbits from photoelectric radial velocities.


Paper 235: HD 48913, HR 6853, HD 206843, and HR 8589.

*Observatory*, **134**, 57.

Paper 236: HD 45762, HD 74089, HD 194765, HD 197952 (NN Del), HDE 353012, and HD 215622.


*Observatory*, **134**, 172.

Paper 238: HD 22521, BD +15° 1538, HR 4285, and HR 5835.

*Observatory*, **134**, 245.

Paper 239: HD 134169, HD 176526, 1 Aquarii, and HD 219420.

*Observatory*, **134**, 316.

2015 Composite spectra: XX. 45 Cancri. Two stars with very similar masses but quite different evolutionary states.

*Astronomische Nachrichten*, **336**, 178. (With R.E.M. Griffin.)

A bright giant and a giant discovered in the binary V1375 Orionis.

*Observatory*, **135**, 6. (With N. Hauck.)

The orbit and variations of δ Sagittae.

2015 Spectroscopic binary orbits from photoelectric radial velocities.  
(cont.) Paper 240: BD +59° 224, HD 9592, HD 10171, HD 11738, and ν Ceti.  
Observatory, 135, 15.

Paper 241: HR1884, HD 174103, HD 181563, and HR 8442.  
Observatory, 135, 71.

Observatory, 135, 122.

Observatory, 135, 193.

Paper 244: Six Upgren Stars in the North-Galactic-Pole field, and the Bright Star 4 Comae Berenices, a Newly Discovered SB2.  
Observatory, 135, 265.

Paper 245: HD 26083, HD 26441, HD 51001, and HD 85843.  
Observatory, 135, 321.

2016 Spectroscopic binary orbits from photoelectric radial velocities.  
Observatory, 136, 23.

Paper 247: HD 30410, HD 62599, HD 127742, and HD 171006.  
Observatory, 136, 64.

Observatory, 136, 125.

Paper 249: HD 32662, HD 76462, HD 78141, and HD 111285.  
Observatory, 136, 179.

Observatory, 136, 209.

Paper 251: HD 146989, HD 148068, HD 148294, and HD 148800.  
Observatory, 136, 276.

Astronomische Nachrichten, 338, 604.  (With R.E.M. Griffin.)

Precise orbital elements, masses and parallax of the spectroscopic-interferometric binary HD 26441.  
(with J.A. Docobo, P.P. Campo & A.A. Abushattal.)

Spectroscopic binary orbits from photoelectric radial velocities.  
Paper 252: HD 102687, HD 110987, HD 114604, and HD 114882.  
Observatory, 137, 8.

Observatory, 137, 62.

Observatory, 137, 115.

Observatory, 137, 170.

Observatory, 137, 228.

Paper 257: HR 212, HD 61994, HR 6286, and HR 8972.  
Observatory, 137, 273.
2018  Composite Spectra, Paper XXII HD 193349/50: a 3-year binary whose apparently
single hot secondary could itself be a former binary that is now merged.
Astronomische Nachrichten, 339, 586.  (With R.E.M. Griffin.)

Spectroscopic binary orbits from photoelectric radial velocities.
    Observatory, 138, 10.
    Observatory, 138, 59.
    Observatory, 138, 116.
    Observatory, 138, 162.
  Paper 262: HD 15013, HD 16082, and HD 16197.
    Observatory, 138, 192.
  Paper 263: HR 978 (HD 20277).
    Observatory, 138, 299.

(With M.W. Feast, G.H. Herbig & P.A. Whitelock.)

Spectroscopic binary orbits from photoelectric radial velocities.
  Paper 264: HD 174123.
    Observatory, 139, 1.
  Paper 265: HD 200031.
    Observatory, 139, 111.

2020  Composite Spectra, Paper XXIII: HD 69479/80, a 90-day binary with a cool-giant
primary.
Astronomische Nachrichten, 341, 791.  (With R.E.M. Griffin.)