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Lifetime Publication List

- * "Can Collapsed Stars Close the Universe?" Thorstensen, J. R., and Partridge, R. B. 1975, *Ap. J.*, **200**, 527.
- "Optical Identification of Nova Scuti 1975." Raff, M. I., and Thorstensen, J. 1975, *P. A. S. P.*, **87**, 593.
- "Photometry of Slow X-ray Pulsars II: The 13.9 Minute Period of X Persei." Margon, B., Thorstensen, J., Bowyer, S., Mason, K. O., White, N. E., Sanford, P. W., Parkes, G., Stone, R. P. S., and Bailey, J. 1977, *Ap. J.*, **218**, 504.
- "A Spectrophotometric Survey of the A 0535+26 Field." Margon, B., Thorstensen, J., Nelson, J., Chanan, G., and Bowyer, S. 1977, *Ap. J.*, **216**, 811.
- "The Optical Counterpart of 3U 1956+11." Margon, B., Thorstensen, J., and Bowyer, S. 1978, *Ap. J.*, **221**, 907.
- * "Spectroscopy of the Extreme Ultraviolet Source Feige 24: The Binary Orbit and the Mass of the White Dwarf." Thorstensen, J. R., Charles, P. A., Margon, B., and Bowyer, S. 1978, *Ap. J.*, **223**, 260.
- "An Optical Candidate for 2A 0042+323 (=3U 0042+32)." Charles, P. A., Thorstensen, J. R., and Bowyer, S. 1979, *M. N. R. A. S.*, **183**, 29P.
- * "The Optical Counterpart of Aquila X-1 (3U 1908+00)." Thorstensen, J. R., Charles, P. A., and Bowyer, S. 1978, *Ap. J. (Letters)*, **220**, L131.
- "Positions and Identifications for the Galactic X-ray Sources 2A 1822-371 and 2S 1254-690." Griffiths, R. E., Gursky, H., Schwartz, D. A., Schwarz, J., Bradt, H., Doxsey, R. E., Charles, P. A., and Thorstensen, J. R. 1978, *Nature*, **281**, 285.

“H 2155-304: A Highly Luminous BL Lac Object.” Charles, P. A., Thorstensen, J. R., and Bowyer, S. 1979, *Nature*, **281**, 285.

“2A 0526-328: An X-ray Emitting Cataclysmic Variable.” Charles, P. A., Thorstensen, J. R., and Bowyer, S. 1979, *Ap. J. (Letters)*, **231**, 131.

* “A Precise Position and Optical Identification for 4U 2129+47: X-Ray Heating and a 5.2-Hour Binary Period.” Thorstensen, J. R., Charles, P. A., Bowyer, S., Briel, U. G., Doxsey, R. E., Griffiths, R. E., and Schwartz, D. A. 1979, *Ap. J. (Letters)*, **233**, L57.

“The Discovery of ‘Sco X-1 Type’ Behaviour from the X-ray Burster MXB 1735-44.” White, N. E., Sanford, P. W., Charles, P. A., and Thorstensen, J. R. 1980 *M. N. R. A. S.*, **193**, 731.

“The 1978 X-ray and Optical Outburst of Aquila X-1.” Charles, P. A., Thorstensen, J. R., Bowyer, S., and 13 other authors. 1980, *Ap. J.*, **237**, 154.

“Optical and X-ray Studies of 2A 1822-371.” Charles, P. A., Thorstensen, J. R., and Barr, P. 1980, *Ap. J.*, **241**, 1148.

“Optical Identification of 4U 1907+09 Using the HEAO-1 Scanning Modulation Collimator.” Schwartz, D. A., Griffiths, R. E., Thorstensen, J. R., Charles, P. A., and Bowyer, S. 1980, *A. J.*, **85**, 549.

* “The Optical Counterpart of the X-Ray Burster Serpens X-1.” Thorstensen, J. R., Charles, P. A., and Bowyer, S. 1980, *Ap. J.*, **238**, 964.

“The Optical Identification of H 2252-034 with a Cataclysmic Variable.” Griffiths, R. E., Lamb, D. Q., Ward, M. J., Wilson, A. S., Charles, P. A., Thorstensen, J., McHardy, I. M., and Lawrence, A. 1980, *M. N. R. A. S.*, **193**, 25P.

“Observations of the Two Components in the Abell 98 Cluster of Galaxies.” Henry, J. P., Henriksen, M. J., Charles, P. A., and Thorstensen, J. R. 1981, *Ap. J. (Letters)*, **243**, L137.

“Spectroscopy of 2A 0526-328: A Triple Periodic Cataclysmic Variable.” Hutchings, J. B., Crampton, D., Cowley, A. P., Thorstensen, J. R., and Charles, P. A. 1981, *Ap. J.*, **249**, 680.

* “A Radial Velocity Study of 4U 2129+47: A Low-Mass X-ray Binary System.” Thorstensen, J. R., and Charles, P. A. 1982, *Ap. J.*, **253**, 756.

“Optical Identificaton of Serendipitous Einstein X-ray Sources: Luminosity and Redshift Relations in the X-ray and Optical Emission from Active Galaxies and Quasars.” Reichert, G. A., Mason, K. O., Thorstensen, J. R., and Bowyer, S. 1982, *Ap. J.*, **260**, 437.

“Extreme Variability in the Be-type, Periodic Recurrent X-ray Transient A 0538-66: A Highly Eccentric Interacting Binary?” Charles, P. A., Booth, L, Densham, R. H., Bath, G. T., Thorstensen, J. R., Willis, A. J., Howarth, I. D., Skinner, G. K., and Olszewski, E. 1983, *M. N. R. A. S.*, **202**, 652.

“The 1980 Optical Outburst of 4U 0115+63 (V635 Cassiopeiae)” Kriss, G. A., Cominsky, L. R., Remillard, R. A., Williams, G., and Thorstensen, J. R. 1983, *Ap. J.*, **266**, 806.

“Identification of the X-Ray Source E 1551+718 with an Uncataloged Dwarf Nova” Mason, K. O., Reichert, G. A., Bowyer, S., and Thorstensen, J. R. 1982, *P. A. S. P.*, **94**, 521.

* “Simultaneous Spectroscopy and Photometry of the AM Herculis-Like Star H0139-68” Thorstensen, J. R., Schommer, R. A., and Charles, P. A. 1983, *P. A. S. P.*, **95**, 140.

“Photometric and Spectroscopic Observations of an Optical Candidate for the X-ray Source H0544-665”. van der Klis, M., van Paradijs, J., Charles, P. A., Thorstensen, J. R., Tuohy, I., Elso, J. 1983, *M. N. R. A. S.*, **203**, 279.

“Spectroscopic Studies of 4U1735-44: Evidence for Binary Motion”. Smale, A. P., Charles, P. A., Tuohy, I. R., and Thorstensen, J. R. 1984, *M. N. R. A. S.*, **207**, 29P.

“Optical Counterparts of the Large Magellanic Cloud X-ray Point Sources”. Cowley, A. P., Crampton, D., Hutchings, J. B., Helfand, D. J., Hamilton, T. T., Thorstensen, J. R., and Charles, P. A., 1984, *Ap. J.*, **286**, 196.

- * “The Two Periods of TT Arietis”. Thorstensen, J. R., Smak, J., and Hessman, F. V., 1985, *Publ. Astr. Soc. Pacific*, **97**, 437.
- “Confirmation of the Orbital Period of Scorpius X-1”. LaSala, J., and Thorstensen, J. R., 1985, *Astronomical Journal*, **90**, 2077.
- * “Orbital Studies of Cataclysmic Binaries I: AB Draconis and WW Ceti”. Thorstensen, J. R., and Freed, I. W., 1985, *Astronomical Journal*, **90**, 2082.
- “H0323+022: A New BL Lacertae Object with Extremely Rapid Variability”. Feigelson, E., et al. 1986, *Astrophysical Journal*, **302**, 337.
- * “Orbital Studies of Cataclysmic Binaries II: Three Objects from the Palomar-Green Sample”. Thorstensen, J. R., 1986, *Astronomical Journal*, **91**, 940.
- * “A Spectroscopic Study of the Cataclysmic Binary Star SU Ursae Majoris”. Thorstensen, J. R., Wade, R. A., and Oke, J. B. 1986, *Astrophysical Journal*, **309**, 721.
- “X-ray and Optical Observations of the Ultrashort Period Dwarf Nova SW Ursae Majoris: A Likely New DQ Herculis Star” Shafter, A. W., Szkody, P., and Thorstensen, J. R., 1986, *Astrophysical Journal*, **308**, 765.
- “The Orbital Period of the Optical/X-ray Burster X1735-44 (V926 Sco).” Corbet, R. H. D., Thorstensen, J. R., Charles, P. A., Menzies, J. W., Naylor, T., and Smale, A. P. 1986, *Monthly Notices Roy. Astr. Soc.*, **222**, 15P.
- * “A 9.3-hour Orbital Period in the Potential Black-Hole Binary 4U1957+11”. Thorstensen, J. R., 1987, *Astrophys. Journal*, **312**, 739.
- “Optical Variability of the Black Hole Candidate GX339-4 (X1659-487, V821 Ara) – Limits on Periodic Modulation”. Corbet, R. H. D., Thorstensen, J. R., Charles, P. A., Honey, W. B., Smale, A. P., and Menzies, J. W. 1987, *Monthly Notices Roy. Astr. Soc.*, **227**, 1055.
- “Optical Observations of the X-ray Binary V1727 Cygni (= 4U2129+47) During a Low State: Some Unexpected Results”. Thorstensen, J. R., Brownsberger, K. R., Mook, D. E., the Off-Campus Program Students, Remillard, R. A., McClintock, J. E., Koo, D. C., and Charles, P. A. 1988, *Astrophys. Journal*, **334**, 430.
- “Discovery of the Optical Counterpart of 4U1915-05”. Grindlay, J. E., Bailyn, C. D., Cohn, H., Lugger, P. M., Thorstensen, J. R., and Wegner, G. 1988, *Astrophysical Journal (Letters)*, **334**, L25.
- “Redshifts for some Fainter Galaxies in the First CfA Survey Slice”. Thorstensen, J. R., Wegner, G. A., Hamwey, R., Boley, F., Geller, M. J., Huchra, J. P., Kurtz, M. J., and McMahan, R. K. 1989, *Astronomical Journal*, **98**, 1143.
- “Optical and X-ray Observations of 4U0614+09”. Machin, G., Callanan, P. J., Charles, P. A., Thorstensen, J., Brownsberger, K., Corbet, R. H. D., Hamwey, R., Harlaftis, E. T., Mason, K. O., and Mukai, K. 1990, *Monthly Notices of the R. A. S.*, **247**, 205.
- “Redshifts for Fainter Galaxies in the First CfA Survey Slice. II”. Wegner, G., Thorstensen, J. R., Kurtz, M. J., Geller, M. J., and Huchra, J. P., 1990, *Astronomical Journal*, **100**, 1405.
- “PG0027+260: An Example of a Class of Cataclysmic Binaries with Mysterious, But Consistent, Behavior”. Thorstensen, J. R., Ringwald, F. A., Wade, R. A., Schmidt, G. D., and Norsworthy, J. E., 1991, *Astronomical Journal*, **102**, 272.
- “A Spectroscopic Study of the Eclipsing Cataclysmic Binary Star PG0818+513: A Puzzling Novalike Variable” Thorstensen, J. R., Davis, M. K., and Ringwald, F. A., 1991, *Astronomical Journal*, **102**, 683.
- “The Orbital Parameters of the Binary Feige 24: The Mass, Radius, and Gravitational Redshift of the DA White Dwarf”. Vennes, S., Thorstensen, J. R., Thejll, P. and Shipman, H. L., 1991, *Astrophys. Journal (Letters)*, **372**, L37.
- “A Spectroscopic Study of the Cataclysmic Variable WX Arietis = PG0244+103”. Beuermann, K., Thorstensen, J. R., Schwope, A. D., Ringwald, F. A., and Sahin, H. 1992, *Astron. Astrophysics*, **256**, 442.

“The 14.8-h Orbital Period of GX339-4”. Callanan, P. J., Charles, P. A., Honey, W. B., and Thorstensen, J. R., 1992, *Monthly Notices of the R. A. S.*, **259**, 395.

“Discovery of the New Intermediate Polar RXJ0558.0+5353”. Haberl, F., Thorstensen, J., Motch, C., Schwarzenberg-Czerny, A., Pakull, M., Shambrook, A., & Pietsch, W., 1994, *Astronomy and Astrophysics*, **291**, 171.

“Discovery of a New White Dwarf in a Binary System (EUVE 0720-317) and Implications for the Late Stages of Stellar Evolution”. Vennes, S., & Thorstensen, J. R., 1994, *Astrophys. Journal (Letters)*, **433**, L29.

“Spectroscopic, Orbital, and Physical Properties of the Binary Feige 24 and Detection of Transient HeII Absorption in the System”. Vennes, S., & Thorstensen, J. R. 1994, *Astronomical Journal*, **108**, 1881.

“The Pre-Cataclysmic Binary EUVE 2013+400”. Thorstensen, J. R., Vennes, S. & Shambrook, A. 1994, *Astronomical Journal*, **108**, 1924.

“Orbital Studies of the Cataclysmic Variables CZ Orionis, V1193 Orionis, and BZ Ursae Majoris”. Ringwald, F. A., Thorstensen, J. R., & Hamwey, R. M. 1994, *Monthly Notices of the R. A. S.*, **271**, 323.

“The Redshift-Space Neighborhoods of 36 Loose Groups of Galaxies I. The Data”. Ramella, M., Geller, M. J., Huchra, J. P., & Thorstensen, J. R., 1995, *Astronomical Journal*, **109**, 1458.

“The Redshift-Space Neighborhoods of 36 Loose Groups of Galaxies II. Analysis”. Ramella, M., Geller, M. J., Huchra, J. P., & Thorstensen, J. R., 1995, *Astronomical Journal*, **109**, 1469.

“Redshifts for Fainter Galaxies in the First CfA Slice III. To the Zwicky Catalog Limit”. Thorstensen, J. R., Kurtz, M. J., Geller, M. J., Ringwald, F. A., & Wegner, G. 1995, *Astronomical Journal*, **109**, 2368.

“The Remarkable Eclipsing Asynchronous AM Herculis Binary RX J19402-1025”, Patterson, J. Skillman, D. R., Thorstensen, J., & Hellier, C, 1995, *Publications of the Astronomical Society of the Pacific*, **107**, 307.

“Superhumps in Cataclysmic Binaries. IV. MV Lyrae”, Skillman, D. R., Patterson, J., & Thorstensen, J. R., 1995, *Publications of the Astronomical Society of the Pacific*, **107**, 545.

“Optical Spectra of SN1993J During the First 500 Days”, Finn, R. A., Fesen, R. A., Darling, G. W., Thorstensen, J. R., & Worthey, G. S., 1995, *Astronomical Journal*, **110**, 300.

“The Orbital Period of BK Lyncis (PG 0917+342)” Ringwald F. A., Thorstensen J. R., Honeycutt R. K., Robertson J. W., 1996, *Monthly Notices of the R. A. S.*, **278**, 125.

“Orbital Periods for Seven Dwarf Novae of the SU-UMa Subtype”, Thorstensen, J. R., Patterson, J., Thomas, G., & Shambrook, A. 1996, *Publ. Astr. Soc. Pacific*, **108**, 73.

“The 0.8-day Orbit of the Precataclysmic Binary EUVE 1016–053”, Thorstensen, J. R., Vennes, S., & Bowyer, S. 1996, *Astrophysical Journal*, **457**, 390.

“An Optical and X-ray Study of Abell 576, a Galaxy Cluster with a Cold Core”, 1996, Mohr, J. J., Geller, M. J., Fabricant, D. G., Wegner, G., Thorstensen, J., & Richstone, D. O., *Astrophysical Journal*, **470**, 724.

“On the Orbital Period and Variability of the Dwarf Nova WW Ceti”, 1996, Ringwald, F. A., Thorstensen, J. R., Honeycutt, R. K., & Connon Smith, R., *Astronomical Journal*, **111**, 2077.

“Periods and Quasiperiods in the Cataclysmic Variable BZ Camelopardalis”, Patterson, J., Patino, R., Thorstensen, J. R., Harvey, D., Skillman, D. R., & Ringwald, F. A., 1996, *Astronomical Journal*, **111**, 2422.

“An Ephemeris for the Pre-Cataclysmic Binary EUVE J0720–317”, Vennes, S., & Thorstensen, J. R. 1996, *Astronomical Journal*, **112**, 284.

“Discovery of a White Dwarf Companion (MS0345.6–3650 = EUVE J0356–366) to a G2V star”, Christian, D. J., Vennes, S., Thorstensen, J. R., & Mathioudakis, M., 1996, *Astronomical Journal*, **112**, 258.

“On the Orbital Period of the New Cataclysmic Variable EUVE J2115–586”, 1996, Vennes, S. Wickramasinghe, D. T., Thorstensen, J. R., & Bessell, M. S., *Astronomical Journal*, **112**, 2254.

“Superhumps in Cataclysmic Binaries. IX. AL Comae Bernices”, Patterson, J., Augusteijn, T., Harvey, D. A., Skillman, D. R., Abbott, T. M. C., & Thorstensen, J., 1996, *Publications of the Astronomical Society of the Pacific*, **108**, 748.

“Pulsations and Accretion Geometry in YY Draconis: a Study Based on *Hubble Space Telescope* Observations”, Haswell, C. A., Patterson, J., Thorstensen, J. R., Hellier, C., & Skillman, D. R., 1996, *Astrophysical Journal*, **476**, 847.

“Orbital Periods for the Dwarf Novae AR Andromedae, AM Cassiopeiae, and PY Persei”, Taylor, C. J., & Thorstensen, J. R., 1996, *Publications of the Astronomical Society of the Pacific*, **108**, 894.

“The Quadruple Gravitational Lens PG 1115+080: Time Delays and Models”, 1997, Schechter, P. L. and 25 co-authors (including J. R. Thorstensen), *Astrophysical Journal Letters*, **475**, 85.

“Superhumps in Cataclysmic Binaries. XI. V603 Aquilae Revisited”, Patterson, J., Kemp, J., Saad, J., Skillman, D. R., Harvey, D., Fried, R., Thorstensen, J. R., and Ashley, R. 1997, *Publications of the Astronomical Society of the Pacific*, **109**, 468.

“Orbital Periods for the Unusual Dwarf Novae ER Ursae Majoris and V1159 Orionis”, Thorstensen, J. R., Taylor, C. J., Becker, C. M., & Remillard, R., 1997, *Publications of the Astronomical Society of the Pacific*, **109**, 447.

“A Spectroscopic Study of the Dwarf Nova KT Persei”, Thorstensen, J. R., & Ringwald, F. A., 1997, *Publications of the Astronomical Society of the Pacific*, **109**, 483.

“Faint Sources in the EUVE Survey: Identification of White Dwarfs, Active Late-Type Stars, and Galactic Nuclei”, 1997, *Astrophysical Journal*, **486**, 179.

“Orbital Periods for the SU-UMa type Dwarf Novae UV Persei, VY Aquarii, and V1504 Cygni”, Thorstensen, J. R., & Taylor, C. J., 1997, *Publications of the Astronomical Society of the Pacific*, **109**, 1359.

“Orbital Periods for the Cataclysmic Binaries VZ Pyxidis, CC Cancri, and AH Eridani”, Thorstensen, J. R., 1997, *Publications of the Astronomical Society of the Pacific*, **109**, 1241.

“The Century Survey: A Deeper Slice of the Universe”, Geller, M. J., Kurtz, M. J., Wegner, G., Thorstensen, J. R., Fabricant, D. G., Marzke, R. O., Huchra, J. P., Schild, R. E., & Falco, E. E., 1997, *Astronomical Journal*, **114**, 2205.

“A Photometric and Spectroscopic Study of the Cataclysmic Variable SX Leonis Minoris in Quiescence and Superoutburst”, Wagner, R. M., Thorstensen, J. R., Honeycutt, R. K., Howell, S. B., Kaitchuck, R. H., Kreidl, T. J., Robertson, J. W., Sion, E. M., & Starrfield, S. G., 1998, *Astronomical Journal*, **115**, 787.

“Two Galactic Supersoft X-ray Binaries: V Sagittae and T Pyxidis”, Patterson, J., Kemp, J., Shambrook, A., Thorstensen, J. R., Skillman, D. R., Gunn, J., Jensen, L., Vanmunster, T., Shugarov, S., Mattei, J. A., Shahbaz, T., and Novak, R. 1998, *Publications of the Astronomical Society of the Pacific*, **110**, 380.

“PG 1002+506: A Be Star Apparently at $z > +10$ Kiloparsecs”, Ringwald, F. A., Rolleston, W. R. J., Saffer, R. A., & Thorstensen, J. R., 1998, *Astrophysical Journal*, **497**, 717.

“Optical Afterglow of the Gamma-Ray Burst GRB971214”, Halpern, J. P., Thorstensen, J. R., Helfand, D. J., and Costa, E. 1998, *Nature*, **393**, 41.

“Aquila X-1: A Low-Inclination Soft X-ray Transient”, Shahbaz, T., Thorstensen, J. R., Charles, P. A., & Sherman, N. D., *Monthly Notices of the Royal Astronomical Society*, **296**, 1004

“Hot White Dwarfs in the Extreme-Ultraviolet Explorer Survey. IV. DA White Dwarfs with Bright Companions”, Vennes, S., Christian, D. J., and Thorstensen, J. R. 1998, *ApJ*, 502, 763

“A V and I CCD Mosaic Survey of the Ursa Minor Dwarf Spheroidal Galaxy”, Kleyna, J. T., Geller, M. J., Kenyon, S., Kurtz, M. J., and Thorstensen, J. R. 1998, *AJ*, 115, 2359

“Superhumps in Cataclysmic Binaries. XIV. V592 Cassiopeiae”, Taylor, C. J., Thorstensen, J. R., Patterson, J., Fried, R. E., Vanmunster, T., Harvey, D. A., Skillman, D. R., Jensen, L., and Shugarov, S., 1998, *Publications of the Astronomical Society of the Pacific*, **110**, 1148

- “Superhumps in Cataclysmic Binaries XV: EG Cancri, King of the Echo Outbursts”, Patterson, J., Kemp, J., Skillman, D. R., Harvey, D. A., Shafter, A. W., Vanmunster, T., Jensen, L., Fried, R., Kiyota, S., Thorstensen, J. R., & Taylor, C. J., 1998, *Publications of the Astronomical Society of the Pacific*, **110**, 1290
- “Spectroscopy of the Cataclysmic Binaries CY Lyrae, TW Trianguli, and VW Vulpeculae”, Thorstensen, J. R., Taylor, C. J., and Kemp, J., 1998, *Publications of the Astronomical Society of the Pacific*, **110**, 1405
- “LS Pegasi: A Low-Inclination SW Sextantis-Type Binary with High-Velocity Balmer Emission-Line Wings”, Taylor, C. J., and Thorstensen, J. R., 1999, *Publications of the Astronomical Society of the Pacific*, **111**, 184
- “The Post-Common Envelope and Pre-Cataclysmic Binary PG 1224+309”, Orosz, J. A., Wade, R. A., Harlow, J. J. B., Thorstensen, J. R., Taylor, C. J., and Eracleous, M., 1999, *Astrophysical Journal*, **117**, 1598.
- “Stellar Masses, Kinematics, and White Dwarf Composition for Three CloseDA+dMe Binaries”, Vennes, S., Thorstensen, J. R., and Polomski, E. F., 1999, *Astrophysical Journal*, **523**, 386.
- “Spectroscopy and orbital periods of the old novae V533 Herculis, V446 Herculis, and X Serpentis”, Thorstensen, J. R., and Taylor, C. J., 2000, *Monthly Notices of the Royal Astronomical Society*, **312**, 629.
- “Orbital period of the low-inclination SW Sextantis star V442 Ophiuci”, Hoard, D. W., Thorstensen, J. R., and Szkody, P., 2000, *Astrophysical Journal*, **537**, 936
- “A newly-discovered cataclysmic binary near the ROSAT galactic plane source RX J1910.8+2856”, Thorstensen, J. R., & Haberl, F., 2000, *Astronomy and Astrophysics*, **358**, 600
- “Spectroscopy and Component Masses of the Eclipsing Dwarf Nova HS0907+1902”, Thorstensen, J. R., 2000, *Publications of the Astronomical Society of the Pacific*, **112**, 1269
- “GRB 991216 Joins the Jet Set: Discovery and Monitoring of its Optical Afterglow”, Halpern, J. P., Uglesich, R., Mirabal, N., Kassin, S., Thorstensen, J., Keel, W. C., Diercks, A., Bloom, J. S., Harrison, F., Mattox, J., & Eracleous, M., 2000, *Astrophysical Journal*, **543**, 697
- “Superhumps in Cataclysmic Binaries XXVII: IY Ursae Majoris”, Patterson, J., Kemp, J., Jensen, L., Vanmunster, T., Skillman, D. R., Martin, B., Fried, R., and Thorstensen, J. R., 2000, *Publications of the Astronomical Society of the Pacific*, **112**, 1567
- “Superhumps in Cataclysmic Binaries XX: V751 Cygni”, Patterson, J., Thorstensen, J. R., Fried, R., Skillman, D. R., Cook, L. M., and Jensen, L. 2001, *Publications of the Astronomical Society of the Pacific*, **113**, 72
- “The Expansion Center and Dynamical Age of the Galactic Supernova Remnant Cassiopeia A”, Thorstensen, J. R., Fesen, R. A., and van den Bergh, S., 2001, *Astronomical Journal*, **122**, 297.
- “Spectroscopy and Orbital Periods of Four Cataclysmic Variable Stars”, Thorstensen, J. R., and Taylor, C. J., 2001, *Monthly Notices of the Royal Astronomical Society*, **326**, 1235.
- “The Long-Period Orbit of the Dwarf Nova V630 Cassiopaeia”, Orosz, J. A., Thorstensen, J. R., and Honeycutt, R. K., 2001, *Monthly Notices of the Royal Astronomical Society*, **326**, 1134.
- “Redshifts for 2410 Galaxies in the Century Survey Region”, Wegner, G., Thorstensen, J. R., Kurtz, M. J., Brown, W. R., Fabricant, D. G., Geller, M. J., Huchra, J. P., Marzke, R. O., and Sakai, S., 2001, *Astronomical Journal*, **122**, 2893.
- “The Cataclysmic Variable CW 1045+525: A Secondary-Dominated Dwarf Nova?”, Tappert, C., Thorstensen, J. R., Fenton, W. H., Bennert, N., Schmidtbreick, L, and Bianchini, A. 2001, *Astronomy and Astrophysics*, **380**, 533.
- “RX J15542+2721: An Apparently Magnetic Cataclysmic Variable with a 2.53-hour Orbital Period”, Thorstensen, J. R., and Fenton, W. H., 2002, *Publications of the Astronomical Society of the Pacific*, **114**, 74.
- “Rapid Oscillations in Cataclysmic Variables. XV. HT Camelopardalis (= RX J0757.0+6306)”, Kemp, J., Patterson, J., Thorstensen, J., Fried, R., Skillman, D., and Billings, G. 2002, *Publications of the Astronomical Society of the Pacific*, **114**, 623

“1RXS J232953.9+062814: A Dwarf Nova with a 64-minute Orbital Period and a Conspicuous Secondary Star”, Thorstensen, J. R., Fenton, W. H., Patterson, J. O., Kemp, J., Krajci, T., and Baraffe, I., 2002, *Astrophysical Journal Letters*, **567**, L49.

“The Dwarf Novae of Shortest Period”, Thorstensen, J. R., Patterson, J., Kemp, J., and Vennes, S., 2002, *Publications of the Astronomical Society of the Pacific*, **114**, 1108

“QZ Serpentis: A Dwarf Nova with a 2-Hour Orbital Period and an Anomalously Hot, Bright Secondary Star”, Thorstensen, J. R., Fenton, W. H., Patterson, J. O., Kemp, J., Halpern, J., and Baraffe, I., 2002, *Publications of the Astronomical Society of the Pacific*, **114**, 1117

“Superhumps in Cataclysmic Binaries. XXIII. V442 Ophiuchi and RX J1643.7+3402”, Joseph O. Patterson, William H. Fenton, John R. Thorstensen, David A. Harvey, David R. Skillman, Robert E. Fried, Berto Monard, Darragh O’Donoghue, Edward Beshore, Brian Martin, Panos Niarchos, Tonny Vanmunster, Jerry Foote, Greg Bolt, Robert Rea, Lewis M. Cook & Neil Butterworth, 2002, *Publications of the Astronomical Society of the Pacific*, **114**, 1364.

“Five Dwarf Novae with Orbital Periods Below Two Hours”, Thorstensen, J. R., and Fenton, W. H., 2003, *Publications of the Astronomical Society of the Pacific*, **115**, 37.

“Serendipitous Discovery and Parallax of a Nearby L-Dwarf”, Thorstensen, J. R., and Kirkpatrick, J. D. 2003, *Publications of the Astronomical Society of the Pacific*, **115**, 1207.

“Superhumps in Cataclysmic Binaries XXIV. Twenty More Dwarf Novae”, Patterson, J., Thorstensen, J. R., Kemp, J. (and 23 other authors), 2003, *Publications of the Astronomical Society of the Pacific*, **115**, 1308.

“Parallax and Distance Estimates for Fourteen Cataclysmic Variable Stars”, Thorstensen, J. R. 2003, *Astronomical Journal*, **126**, 3017.

“Observations of White Dwarfs in the Solar Neighborhood”, Kawka, A., Vennes, S., and Thorstensen, J. R., 2004, *Astronomical Journal*, **127**, 1702.

“Spectroscopy of Seven Cataclysmic Variables with Periods Above Five Hours”, Thorstensen, J. R., Fenton, W. H., and Taylor, C. J. 2004, *Publications of the Astronomical Society of the Pacific*, **116**, 300.

“Rapid Oscillations in Cataclysmic Variables. XVI. DW CrB”, Patterson, J., Thorstensen, J. R., Vanmunster, T., Fried, R. E., Martin, B., Campbell, T., Robertson, J., Kemp, J., Messier, D., and Armstrong, E., 2004, *Publications of the Astronomical Society of the Pacific*, **116**, 516

“A 150 MG Magnetic White Dwarf in the Cataclysmic Variable RX J1554.2+2721”, Gaensicke, B. T., Jordan, S., Beuermann, K., de Martino, D., Szkody, P., Marsh, T. R., and Thorstensen, J., 2004, *Astrophysical Journal Letters*, **613**, 141

“HS 2331+3905: The cataclysmic variable that has it all”, Araujo-Betancor, S., Gänsicke, B. T., Hagen, H.-J., Marsh, T. R., Harlaftis, E. T., Thorstensen, J., Fried, R. E., Schmeer, P., and Engels, D., 2005, *Astronomy and Astrophysics*, **430**, 629.

“Pulsations, Boundary Layers, and Period Bounce in the Cataclysmic Variable RE J1255+266”, Patterson, J., Thorstensen, J., and Kemp, J., 2005, *Publications of the Astronomical Society of the Pacific*, **117**, 427.

“Is FIRST J102347.6+003841 Really a Cataclysmic Binary?”, Thorstensen, J. R., and Armstrong, E., 2005, *Astronomical Journal*, **130**, 759.

“A Spectroscopic Study of HL Canis Majoris”, Sheets, H. A., and Thorstensen, J. R., 2005, *Publications of the Astronomical Society of the Pacific*, 2005, 117, 741.

“The Dwarf Nova PQ Andromedae”, Patterson, J., Thorstensen, J. R., Armstrong, E., Henden, A. A., and Hynes, R. I., 2005, *Publications of the Astronomical Society of the Pacific*, **117**, 922.

“Spectroscopy of Four Cataclysmic Variables with Periods Above 7 Hours”, Peters, C. S., and Thorstensen, J. R. 2005, *Publications of the Astronomical Society of the Pacific*, **117**, 1386.

“GRB 060218/SN 2006aj: A Gamma-Ray Burst and Prompt Supernova at $z = 0.0335$ ”, Mirabal, N., Halpern, J. P., An, D., Thorstensen, J. R., and Terndrup, D. M., 2006, *Astrophysical Journal Letters*, **643**, L99.

“Spectroscopy of Five Old Novae: New or Refined Orbital Periods”, Peters, C. S., and Thorstensen, J. R. 2006, *Publications of the Astronomical Society of the Pacific*, **118**, 687.

“Orbital Period of the Dwarf Nova RXS J053234.9+624755”, Kapusta, A B., and Thorstensen, J. R., 2006, *Publications of the Astronomical Society of the Pacific*, **118**, 1119.

“The Unusual Cataclysmic Binary Star RBS 0490 and the Space Density of Cataclysmics”, Thorstensen, J. R., Lépine, S., and Shara, M., 2006, *Publications of the Astronomical Society of the Pacific*, **118**, 1238.

“Spectroscopy of Nine Cataclysmic Variable Stars”, Sheets, H. A., Thorstensen, J. R., Peters, C. J., Kapusta, A. B., and Taylor, C. J., 2007, *Publications of the Astronomical Society of the Pacific*, **119**, 494.

“DE Canum Venaticorum: a bright, eclipsing red dwarf-white dwarf binary”, van den Besselaar, E. J. M., Greimel, R., Morales-Rueda, L., Nelemans, G., Thorstensen, J. R., Marsh, T. R., Dhillon, V. S., Robb, R. M., Balam, D. D., Guenther, E. W., Kemp, J., Augusteijn, T., Groot, P. J. 2007, *Astronomy and Astrophysics*, **466**, 1031.

“The Eclipsing Cataclysmic Variable Lanning 386: Dwarf Nova, SW Sextantis Star, or Both?”, Brady, S., Thorstensen, J. R., Koppelman, M. D., Prieto, J. L., Garnavich, P. M., Hirschauer, A. and Florack, M., 2008, *Publications of the Astronomical Society of the Pacific*, **120**, 301.

“A New, Bright, Short-Period Emission Line Binary in Ophiuchus”, Stark, M. A., Wade, R. A., Thorstensen, J. R., Peters, C. J., Smith, H. A., Miller, R. D., and Green, E. M., 2008, *Astronomical Journal*, **135**, 991.

“SDSS 1507+02: A Halo Cataclysmic Variable?”, Patterson, J., Thorstensen, J. R., and Knigge, C., 2008, *Publications of the Astronomical Society of the Pacific*, **120**, 510.

“The Rapidly Flaring Afterglow of the Very Bright and Energetic GRB 070125”, Updike, A. C., and 54 co-authors, 2008, *Astrophysical Journal*, **685**, 361.

“Parallax and Distance Estimates for Twelve Cataclysmic Variable Stars”, Thorstensen, J. R., Lépine, S. and Shara, M., 2008, *Astronomical Journal*, **136**, 2107.

“Direct Distance Measurement to the Dusty White Dwarf GD 362”, Kilic, M., Thorstensen, J. R., and Koester, D. 2008, *Astrophysical Journal Letters*, **689**, L45.

“New Neighbors: Parallaxes of 18 Nearby Stars Selected from the LSPM-North Catalog”, Lépine, S., Thorstensen, J. R., Shara, M. M., and Rich, R. M., 2009, *Astronomical Journal*, **137**, 4109.

“V405 Peg (RBS 1955): A Nearby, Low-Luminosity Cataclysmic Binary”, Thorstensen, J. R., Schwarz, R., Schwope, A. D., Staude, A., Vogel, J., Krumpe, M., Kohnert, J., Nebot Gomez-Moran, A., 2009, *Publications of the Astronomical Society of the Pacific*, **121**, 465.

“SDSS unveils a population of intrinsically faint cataclysmic variables at the minimum orbital period”, Gänsicke, B. T., Dillon, M., Southworth, J., Thorstensen, J. R., Rodríguez-Gil, P., Aungweojwit, A., Marsh, T. R., Szkody, P., Barros, S. C. C., Casares, J., de Martino, D., Groot, P. J., Hakala, P., Kolb, U., Littlefair, S. P., Martínez-Pais, I. G., Nelemans, G., and Schreiber, M. R., 2009, *Monthly Notices of the Royal Astronomical Society*, **397**, 2170.

“SDSS J102347.6+003841: A Millisecond Radio Pulsar Binary That Had a Hot Disk During 2000-2001”, Wang, Z., Archibald, A. M., Thorstensen, J. R., Kaspi, V. M., Lorimer, D. R., Stairs, I., and Ransom, S. M. 2009, *Astrophysical Journal*, 2009, ApJ, 703, 2017.

“Deriving an X-ray luminosity function of dwarf novae based on parallax measurements”, Byckling, K., Mukai, K., Thorstensen, J. R., and Osborne, J. P. 2010, *Monthly Notices of the Royal Astronomical Society*, **408**, 2298.

“Optical Studies of 20 Longer-Period Cataclysmic Binaries”, Thorstensen, John R., Peters, Christopher S., Skinner, Julie N., 2010, *Publications of the Astronomical Society of the Pacific*, **122**, 1285.

“The New Eclipsing Cataclysmic Variable SDSS 154453+2553”, Skinner, J. N., Thorstensen, J. R., Armstrong, E., and Brady, S., 2011, *Publications of the Astronomical Society of the Pacific*, **123**, 259.

“Confirmation of 1RXS J165443.5–191620 as an intermediate polar and its orbital and spin periods”, Scaringi, S., Connolly, S., Patterson, J., Thorstensen, J. R., Uthas, H., Knigge, C., Vican, L., Monard, B., Rea, R., Krajci, T., Lowther, S., Myers, G., Bolt, G., Dieball, A., and Groot, P. J., 2011, *Astronomy and Astrophysics*, **530**, 6.

“SDSS J162520.29+120308.7 – a new SU UMa star in the period gap”, Olech, A., de Miguel, E., Otulakowska, M., Thorstensen, J. R., Rutkowski, A., Novak, R., Masi, G., Richmond, M., Staels, B., Lowther, S., Stein, W., Ak, T., Boyd, D., Koff, R., Patterson, J., and Eker, Z. 2011, *Astronomy and Astrophysics*, **532**, A64.

“Discovery of a Bright, Extremely Low-Mass White Dwarf in a Close Double Degenerate System”, Vennes, S., Thorstensen, J. R., Kawka, A., Németh, P., Skinner, J. N., Pigulski, A., Stęślicki, M., Kołaczkowski, Z., and Sródk, P., 2011, *Astrophysical Journal Letters*, **737**, L16.

“HS 2325+8205 – An Ideal Laboratory for Accretion Disk Physics”, Pyrzas, S., Gänsicke, B. T., Thorstensen, J. R., Aungweojwit, A., Boyd, D., Brady, S., Casares, J., Hickman, R. D. G., Marsh, T. R., Miller, I., Ögmen, Y., Pietz, J., Poyner, G., Rodríguez-Gil, P., and Staels, B., 2012, *Publications of the Astronomical Society of the Pacific*, **124**, 204.

“11-12 Gyr old White Dwarfs 30 parsecs Away”, Kilic, M., Thorstensen, J. R., and Kowalski, P. M., 2012, *Monthly Notices of the Royal Astronomical Society*, **423**, L132.

“Spectroscopy and Photometry of Cataclysmic Variable Candidates from the Catalina Real Time Survey”, Thorstensen, J. R., and Skinner, J. N., 2012, *Astronomical Journal*, **144**, 81.

“The 1.17 Day Orbit of the Double-degenerate (DA+DQ) NLTT 16249”, Vennes, S., Kawka, A., O’Toole, S. J., and Thorstensen, J. R., 2012, *Astrophysical Journal*, **756**, 5.

“CSS J134052.0+151341: A Cataclysmic Binary Star with a Stripped, Evolved Secondary”, Thorstensen, J. R., 2013, *Publications of the Astronomical Society of the Pacific*, **125**, 506.

“Orbital, superhump and superorbital periods in the cataclysmic variables AQ Mensae and IM Eridani”, Armstrong, E., Patterson, J., Michelsen, E., Thorstensen, J., Uthas, H., Vanmunster, T., Hambach, F.-J., Roberts, G., and Dvorak, S., 2013, *Monthly Notices of the Royal Astronomical Society*, **435**, 707.

“Optical and X-ray Studies of Ten X-ray Selected Cataclysmic Binaries”, Thorstensen, J. R., and Halpern, J., 2013, *Astronomical Journal*, **146**, 107.

“XMM-Newton observations of the low-luminosity cataclysmic variable V405 Pegasi”, Schwöpe, A. D., Scipione, V., Traulsen, I., Schwarz, R., Granzer, T., Pires, A. M., and Thorstensen, J. R., 2014, *Astronomy and Astrophysics*, **561**, 121.

“Optical Counterparts of Two FERMI Millisecond Pulsars: PSR J1301+0833 and PSR J16283205”, Li, M., Halpern, J. P., and Thorstensen, J. R., 2014, *Astrophysical Journal*, **795**, 115.

“Cataclysmic Variables in the SUPERBLINK Proper Motion Survey”, Skinner, J. N., Thorstensen, J. R., and Lépine, S., 2014, *Astronomical Journal*, **148**, 115.

“Spectroscopic Orbital Periods for 29 Cataclysmic Variables from the Sloan Digital Sky Survey”, Thorstensen, J. R., Taylor, C. J., Peters, C. S., Skinner, J. N., Southworth, J., and Gänsicke, B. T., 2015, *Astronomical Journal*, **149**, 128.

“Ultracool White Dwarfs and the Age of the Galactic Disk”, Gianninis, A., Curd, B., Thorstensen, J. R., Kilic, M., Bergeron, P., Andrews, J. J., Canton, P., and Agüeros, M. A., 2015, *Monthly Notices of the Royal Astronomical Society*, **449**, 3966.

“ASAS-SN 13cl : A Newly-Discovered Cataclysmic Binary with an Anomalously Warm Secondary”, Thorstensen, J. R., 2015, *Publications of the Astronomical Society of the Pacific*, **127**, 351.

“A double white dwarf with a paradoxical origin?”, Bours, M. C. P., Marsh, T. R., Gänsicke, B. T., Tauris, T. M., Istrate, A. G., Badenes, C., Gal-Yam, A., Kilic, M., Koester, D., Mullally, F., Steeghs, D., Thompson, S. E., & Thorstensen, J. R. 2015, *Monthly Notices of the Royal Astronomical Society*, **450**, 3966.

“Optical Studies of Thirteen Hard X-ray Selected Cataclysmic Binaries from the Swift-BAT Survey”, Halpern, J. P., & Thorstensen, J. R. 2015, *The Astronomical Journal*, **150**, 170.

“Population Properties of Brown Dwarf Analogs to Exoplanets”, Faherty, J. K., Riedel, A. R., Cruz, K. L., Gagne, J., Filippazzo, J. C., Lambrides, E., Fica, H., Weinberger, A., Thorstensen, J. R., Tinney, C. G., Baldassare, V., Lemonier, E., & Rice, E. L., *Astrophysical Journal Supplement*, **225**, 10.

“A Trip to the Cataclysmic Binary Zoo: Detailed Follow-Up of 35 Recently-Discovered Systems”, Thorstensen, J. R., Alper, E. H., & Weil, K. E., 2016, *The Astronomical Journal*, **152**, 226.

“X-ray and Optical Study of the Gamma-ray Source 3FGL J0838.8–2829: Identification of a Candidate Millisecond Pulsar Binary and an Asynchronous Polar”, Halpern, J. P., Bogdanov, S., & Thorstensen, J. R., 2017, *Astrophysical Journal*, **838**, 124.

“An unusual white dwarf star may be a surviving remnant of a subluminous Type Ia supernova”, Vennes, S.; Nemeth, P.; Kawka, A.; Thorstensen, J. R.; Khalack, V.; Ferrario, L.; Alper, E. H., 2017, *Science*, **357**, 680.

“Activity and Kinematics of White Dwarf-M Dwarf Binaries from the SUPERBLINK Proper Motion Survey”, 2017, Skinner, Julie N., Morgan, Dylan P., West, Andrew A., Lépine, Sébastien, & Thorstensen, John R., *Astronomical Journal*, **154**, 118.

“IGR J19552+0044: A new asynchronous short period polar Filling the gap between intermediate and ordinary polars”, Tovmassian, G., Gonzalez-Buitrago, D., Thorstensen, J., Kotze, E., Breytenbach, H., Schwope, A., Bernardini, F., Zharikov, S. V., et al., 2017, *Astronomy and Astrophysics*, **608**, 36.

“WD 1202-024: the shortest-period pre-cataclysmic variable”, Rappaport, S., Vandenberg, A., Nelson, L., Gary, B. L., Kaye, T. G., Kalomeni, B., Howell, S. B., Thorstensen, J. R., Lachapelle, F.-R., Lundy, M., St-Antoine, J., 2017, *Monthly Notices of the Royal Astronomical Society*, **471**, 948.

Thorstensen, J. R., Ringwald, F. A., Taylor, C. J., Sheets, H. A., Peters, C. S., Skinner, J. N., Alper, E. H. & Weil, K. E., 2017, *New or Improved Orbital Periods of Cataclysmic Binaries*, *Research Notes of the American Astronomical Society*, **1**, 29. **Note: Not peer-reviewed.**

Halpern, J. P., Thorstensen, J. R., Cho, P., Collver, G., Motsoaledi, M., Breytenbach, H., Buckley, D. A. H., & Woudt, P. A., 2018, *Optical Studies of 15 Hard X-ray Selected Cataclysmic Binaries*, *Astronomical Journal*, **155**, 247.

Weil, K. E., Thorstensen, J. R., & Haberl, F. 2018, *An Optical Study of Two VY-Sculptoris-Type Cataclysmic Binary Stars: V704 And and RX J2338+431*, *Astronomical Journal*, **156**, 231.

Breytenbach, H.; Buckley, D. A. H.; Hakala, P.; Thorstensen, J. R.; Kniazev, A. Y.; Motsoaledi, M.; Woudt, P. A.; Potter, S. B.; Lipunov, V.; Gorbovskoy, E.; Balanutsa, P.; Tyurina, N., 2019, *Discovery, observations, and modelling of a new eclipsing polar: MASTER OT J061451.70–272535.5*, *Monthly Notices of the Royal Astronomical Society*, **484**, 383.

Paterson, K., Woudt, P. A., Warner, B., Breytenbach, H., Gilligan, C. K., Motsoaledi, M., Thorstensen, J. R., & Worters, H. L. 2019, *High-speed photometry of faint cataclysmic variables - IX. Targets from multiple transient surveys.*, *Monthly Notices of the Royal Astronomical Society*, in press.