

Publicaciones ISI (1974-2008)

1. Graham, J. A., **Ruiz, M. T.** 1974 "The RR Lyrae stars in the Large Magellanic Cloud cluster NGC 18352"
Astronomical Journal 79, 363
2. Davidson, K., **Ruiz, M. T.** 1975 "Scattering by dust and the photographic appearance of eta Carinae"
Astrophysical Journal 202, 421
3. **Ruiz, M.T.**, Schwarzschild, M. 1976 "An Approximate Dynamical Model for Spheroidal Stellar Systems"
Astrophysical Journal 207, 376
4. **Ruiz, M.T.** 1976 "A Dynamical Model for the Central Region of M31"
Astrophysical Journal 207, 382
5. **Ruiz, M. T.** 1981 "Spectroscopy of RCW 86 - A young supernova remnant"
Astrophysical Journal 243, 814
6. Melnick, J., **Ruiz, M. T.**, Maza, J. 1982 "High resolution observations of the H-alpha profile from Eta CAR"
Astronomy & Astrophysics 111, 375
7. **Ruiz, M. T.** 1983 "PL 1547.3-5612 - A pure nitrogen ring nebula"
Astrophysical Journal 268, 103
8. **Ruiz, M. T.** 1983 "Spectrophotometry of the optical emission from RCW103 and Milne 23"
Astronomical Journal 88, 1210
9. Tapia, M., Roth, M., Carrasco, L., **Ruiz, M. T.** 1987 "On the infrared emission of the exciting star of the Herbig-Haro objects 1 and 2"
Monthly Notices Royal Astronomical Society 224, 587
10. **Ruiz, M.T.**, Blanco. Víctor, Maza. José,, Heathcote, Steve, Phillips, Andrew, Kawara, Kimiaki, Anguita, Claudio, Hamuy, Mario, Gómez, Arturo 1987 "IRAS 18059-3211 - Optically known as 'Gomez's Hamburger'"
Astrophysical Journal 316, 21
11. Phillips, M. M., Phillips, A. C., Heathcote, S. R., Blanco, V. M., Geisler, D., Hamilton, D., Suntzeff, N. B., Jablonski, F. J., Steiner, J. E., Cowley, A. P., Schmidtke, P., Wyckoff, S., Hutchings, J. B., Tonry, J., Strauss, M. A., Thorstensen, J. R., Honey, W., Maza, J., **Ruiz, M. T.**, Landolt, A. U., Uomoto, A., Rich, R. M., Grindlay, J. E., Cohn, H., Smith, H. A., Lutz, J. H., Lavery, R. J., Saha, A. 1987 "The type 1a supernova 1986G in NGC 5128 - Optical photometry and spectra"
Publication Astronomical Society of Pacific 99, 592
12. **Ruiz, M.T.**, Maza, José,, González, Luis E., Wischnjewsky, Marina 1987 "M20-04 - A T Tauri star,
Astrophysical Journal 94, 1299

13. Gouiffes, C., Rosa, M., Melnick, J., Danziger, I. J., Remy, M., Santini, C., Sauvageot, J. L., Jakobsen, P., **Ruiz, M. T.** 1988 "Light echoes from SN 1987 A"
Astronomy & Astrophysics 198, 9
14. Tapia, M., Roth, M., Marraco, H., **Ruiz, M. T.** 1988 "The interstellar extinction in the open clusters TR 14, TR 15, TR 16/Cr 232 and CR 228 in NGC 3372 - New near-infrared photometry"
Monthly Notices Royal Astronomical Society 232, 661
15. Pena, M., **Ruiz, M. T.** 1988 "A spectrophotometric study of the planetary nebula N 66 in the Large Magellanic Cloud"
Revista Mexicana de Astronomía & Astrofísica 16, 55
16. **Ruiz, M.T.**, Maza, José, 1988 "Spectrophotometry of the new common-proper-motion pair ESO 440-55a/55b"
Astronomical Journal 96, 1965
17. **Ruiz, M.T.**, Maza, José, 1988 "ESO 439-162/163 - A common proper motion binary formed by a magnetic DQ and a DC type white dwarf"
Astrophysical Journal 335, 15
18. Maza, José, **Ruiz, M.T.**, González, Luis E., Wischnjewsky, Marina 1989 "Calan-Tololo survey. I - Seyfert 1 galaxies"
Astrophysical Journal 69, 349
19. Maza, José, **Ruiz, M.T.** 1989 "Spectrophotometry of Calan-Tololo Seyfert galaxies - Objects from list 1"
Astrophysical Journal Supp 69, 353
20. Peña, M., **Ruiz, M. T.**, Maza, J., González, L. E. 1989 "A new halo planetary nebula"
Revista Mexicana de Astronomía & Astrofísica 17, 25
21. **Ruiz, M.T.**, Maza, José, 1990 "Proper-motion survey. I - Common-proper-motion systems in ESO areas 439 and 440,
Astrophysical Journal 99, 995
22. Phillips, M. M., Hamuy, Mario, Maza, J., **Ruiz, M. T.**, Carney, Bruce W., Graham, J. A. 1990 "The light curve of the plateau Type II SN 1983K"
Publication Astronomical Society of Pacific 102, 299
23. Peña, M., Torres-Peimbert, S., **Ruiz, M. T.**, Maza, J. 1990 "A newly discovered carbon-poor planetary nebula - PN 242-37.1"
Astronomy & Astrophysics 237, 454
24. **Ruiz, M.T.**, Anguita, Claudio, Maza, José, Roth, Miguel, 1990 "Energy distribution of low-luminosity stars"
Astrophysical Journal 100, 1270
25. López, J. A., Falcon, L. H., **Ruiz, M. T.**, Roth, M. 1991 "The evolved bipolar planetary nebula NGC 2899"
Astronomy & Astrophysics 241, 526
26. **Ruiz, M.T.**, Takamiya, Marianne Y., Roth, Miguel. 1991 "ESO 207 - 61: A brown dwarf candidate in the Hyades moving group"
Astrophysical Journal 367, 59
27. Maza, J., **Ruiz, M. T.**, González, L. E., Wischnjewsky, M., Peña, M. 1991 "Calan-Tololo survey. III - HII galaxies"
Astronomy & Astrophysics 89, 389

28. Peñ,a, M., Torres-Peimbert, S., **Ruiz, M. T.** 1991 "The halo planetary nebulae M 2-29 and BB-1"
Publication Astronomical Society of Pacific 103, 865
29. Peñ,a, M., **Ruiz, M. T.**, Maza, J. 1991 "Line analysis and nebular abundances in H II galaxies"
Astronomy &, Astrophysics 251, 417
30. Mé,ndez, René,, **Ruiz, M. T.**, Maza, J., Wischnjewsky, M. 1992 "A proper motion survey. I - Hyades and UMa moving groups"
Astronomical Journal 103, 904
31. Mé,ndez, René,, **Ruiz, M. T.** 1992 "Velocity ellipsoids of the Hyades and UMa moving groups - an application to proper motion surveys"
Astronomical Journal 103, 911
32. Maza, J., **Ruiz, M. T.**, Gonzá,lez, L. E., Wischnjewsky, M. 1992 "Calan-Tololo survey II : Seyfert 1 galaxies"
Revista Mexicana de Astronomía &, Astrofísica 24, 147
33. M.Peimbert, S. Torres-Peimbert and **Ruiz, M. T.** 1992 "The Chemical Composition of the Galactic HII Region M17"
Revista Mexicana de Astronomía &, Astrofísica 24, 155
34. Peñ,a, M., Torres-Peimbert, S., **Ruiz, M. T.** 1992 "Ultraviolet and optical spectra of central stars of halo planetary nebulae"
Astronomy &, Astrophysics 265, 757
35. Bergeron, P., **Ruiz, M.T.**, Leggett, S. K. 1992 "Discovery of two cool magnetic white dwarfs"
Astrophysical Journal 400, 315
36. **Ruiz, M. T.**, Anguita, Claudio 1993 "Newly identified cold subdwarfs - LHS 375, LHS 407, LHS 3181, and LHS 3555"
Astronomical Journal 105, 614
37. Bergeron, P., **Ruiz, M.T.**, Leggett, S. K. 1993 "G62-46 - an unresolved double degenerate binary containing a magnetic DA component"
Astrophysical Journal 407, 733
38. Maza, J., **Ruiz, M. T.**, Gonzá,lez, L. E., Wischnjewsky, M., Antezana 1993 "Calan-Tololo survey. V. Two hundred new southern quasars"
Revista Mexicana de Astronomía y Astrofísica 25, 51
39. Lee, Myung G., Freedman, Wendy, Mateo, Mario, Thompson, Ian, Roth, Miguel, **Ruiz, M.T.** 1993 "Leo I - The youngest Milky Way dwarf spheroidal galaxy?"
Astronomical Journal 106, 1420
40. **Ruiz, M.T.**, Takamiya, Marianne Y., Mé,ndez, René,, Maza, José,, Wishnjewsky, Marina 1993 "Proper motions in the southern ESO areas 207, 439, and 440"
Astronomical Journal 106, 2575
41. Bergeron, P., **Ruiz, M.T.**, Leggett, S. K., Saumon, D., Wesemael, F. 1994 "The peculiar cool white dwarf LHS 1126 revisited"
Astrophysical Journal 423, 456
42. Peñ,a, M., Olguin, L., **Ruiz, M. T.**, Torres-Peimbert, S. 1994 "LM1-64: a high excitation planetary nebula with WR nucleus in the LMC"
Revista Mexicana de Astronomía y Astrofísica 28, 27

43. Peñ,a, M., Torres-Peimbert, S., Peimbert, M., **Ruiz, M. T.**, Maza, J. 1994 "A thermal pulse in progress in the nucleus of the LMC planetary nebula N66
Astrophysical Journal 428, 9
44. Peñ,a, M., **Ruiz, M. T.**, Torres-Peimbert, S.1994 "The low luminosity central star of the PN ESO 166-21"
Revista Mexicana de Astronomí,a y Astrofí,sica 29, 211
45. Maza, J., **Ruiz, M. T.**, Gonzá,lez, L. E., Wischnjewsky, M., Antezana, R. 1994 "Calan-Tololo survey. IV. Seyfert 1 galaxies"
Revista Mexicana de Astronomí,a y Astrofí,sica 28, 187
46. Hamuy, M., Phillips, M. M., Maza, J., Suntzeff, N. B., della Valle, M., Danziger, J., Antezana, R., Wischnjwesky, M., Avilé,s, R., Schommer, R. A., Kim, Y.-C., Wells, L. A., **Ruiz, M. T.**, Prosser, C. F., Krzeminski, W., Baylin, C. D., Hartigan, P., Hughes, J.1994 "SN 1992K: A twin to the subluminous Type IA SN 1991bg"
Astronomical Journal 108, 2226
47. Wells, L. A., Phillips, M. M., Suntzeff, B., Heathcote, S. R., Hamuy, M., Navarrete, M., Fernández, M., Weller, W. G., Schommer, R. A., Kirshner, R. P., Leibundgut, B., Willner, S. P., Peletier, S. P., Schlegel, E. M., Wheeler, J. C., Harkness, R. P., Bell, D. J., Matthews, J. M., Filippenko, A. V., Shields, J. C., Richmond, W., Jewitt, D., Luu, J., Tran, H. D., Appleton, P. N., Robson, E. I., Tyson, J. A., Guhathakurta, P., Eder, J. A., Bond, H. E., Potter, M., Veilleux, S., Porter, A. C., Humphreys, R. M., Janes, K. A., Williams, T. B., Costa, E., **Ruiz, M. T.**, Lee, J. T., Lutz, J. H., Rich, R. M., Winkler, P. F., Tyson, N. D.1994 "The Type IA supernova 1989B in NGC 3627 (M66)"
Astronomical Journal 108, 2233
48. Peñ,a, M., Peimbert, M., Torres-Peimbert, S., **Ruiz, M. T.**, Maza, J. 1995 "Time-dependent behavior and physical conditions of the LMC planetary nebular N66"
Astrophysical Journal 441, 343
49. **Ruiz, M.T.**, Takamiya, Marianne Y. 1995 "Spectroscopic Follow-Up of Large Proper-Motion Stars in ESO Areas 207, 439, and 440"
Astronomical Journal 109, 2817
50. **Ruiz, M.T.**, Bergeron, P., Leggett, S. K., Anguita, Claudio 1995 "The Extremely Low Luminosity White Dwarf ESO 439-26"
Astrophysical Journal 455, 159
51. **Ruiz, M.T.** 1996 "New Cool Degenerate Stars"
Astronomical Journal 111, 1267
52. Peñ,a, M., Peimbert, M., Torres-Peimbert, S., **Ruiz, M. T.**, Maza, J. 1996 "Recent observations of the WR central star of the planetary nebula LMC-N66"
Astrophysics &, Space Science 238, 55
53. Galaz, G., **Ruiz, M. T.**, Thompson, I., Roth, M. 1996 "NGC 2477: Photometry and luminosity function"
Astronomy &, Astrophysics 119, 413

54. Hamuy, M., Phillips, M. M., Suntzeff, N. B., Schommer, R. A., Maza, J., Antezan, A. R., Wischnjewsky, M., Valladares, G., Muena, C., González, L. E., Avilés, R., Wells, L. A., Smith, R. C., Navarrete, M., Covarrubias, R., Williger, G. M., Walker, A. R., Layden, A. C., Elias, J. H., Baldwin, J. A., Hernández, M., Tirado, H., Ugarte, P., Elston, R., Saavedra, N., Barrientos, F., Costa, E., Lira, P., **Ruiz, M. T.**, Anguita, C., Gómez, X., Ortiz, P., della Valle, M., Danziger, J., Storm, J., Kim, Y.-C., Baily, C., Rubenstein, E. P., Tucker, D., Cersosimo, S., Méndez, R. A., Siciliano, L., Sherry, W., Chaboyer, B., Koopmann, R. A., Geisler, D., Sarajedini, A., Dey, A., Tyson, N., Rich, R. M., Gal, R., Lamontagne, R., Caldwell, N., Guhathakurta, P., Phillips, A. C., Szkody, P., Prosser, C., Ho, L. C., McMahan, R., Baggley, G., Cheng, K.-P., Havlen, R., Wakamatsu, K., Janes, K., Malkan, M., Baganoff, F., Seitzer, P., Shara, M., Sturch, C., Hesser, J., Hartig, A. N. P., Hughes, J., Welch, D., Williams, T. B., Ferguson, H., Francis, P. J., French, L., Bolte, M., Roth, J., Odewahn, S., Howell, S., Krzeminski, W. 1996 "BVRI Light Curves for 29 Type IA Supernovae"
Astronomical Journal 112, 2408
55. Bergeron, P., **Ruiz, M.T.**, Leggett, S. K. 1997 "The Chemical Evolution of Cool White Dwarfs and the Age of the Local Galactic Disk"
Astrophysical Journal Supp. Ser 108, 339
56. Peña, M., **Ruiz, M. T.**, Bergeron, P., Torres-Peimbert, S., Heathcote, S. 1997 "The evolved central star of the planetary nebula ESO 166-PN 21"
Astronomy & Astrophysics 317, 911
57. Peña, M., **Ruiz, M. T.**, Torres-Peimbert, S. 1997 "Spectroscopic study of the planetary nebulae with Wolf-Rayet nuclei in the Magellanic"
Astronomy & Astrophysics 324, 674
58. Storchi-Bergmann, Thaisa, Eracleous, Michael, **Ruiz, M.T.**, Livio, Mario, Wilson, Andrew S., Filippenko, Alexei V. 1997 "Evidence for a Precessing Accretion Disk in the Nucleus of NGC 1097"
Astrophysical Journal 489, 87
59. **Ruiz, M.T.**, Leggett, S. K., Allard, France 1997 "Kelu-1: A Free-floating Brown Dwarf in the Solar Neighborhood"
Astrophysical Journal 491, 107
60. Peña, M., Hamann, W.-R., Koesterke, L., Maza, J., Méndez, R. H., Peimbert, M., **Ruiz, M. T.**, Torres-Peimbert, S. 1997 Spectrophotometric Data of the Central Star of the Large Magellanic Cloud Planetary Nebula N66: Quantitative Analysis of Its WN-Type Spectrum
Astrophysical Journal 491, 233
61. Storchi-Bergmann, Thaisa, **Ruiz, M.T.**, Eracleous, Michael 1998 "Transient double-peaked line emission as signatures of accretion events around supermassive black holes"
Advanced Space Research 21, 47
62. Leggett, S. K., **Ruiz, M.T.**, Bergeron, P. 1998 "The Cool White Dwarf Luminosity Function and the Age of the Galactic Disk"
Astrophysical Journal 497, 294
63. Peña, Miriam, **Ruiz, M. T.** 1998 "The Variable Central Star of PN G23.8-37.1".
Astrophysical Journal 504, 103
64. Kurt, C. M., Dufour, R. J., Garnett, D. R., Skillman, E. D., Mathis, John S., Peimbert, M., Torres-Peimbert, S., **Ruiz, M. T.** 1999 "Hubble Space Telescope Observations of the Dusty Small Magellanic Cloud H II Region N88A"
Astrophysical Journal 518, 246

65. Bohigas, Joaquín, Tapia, Mauricio, **Ruiz, M.T.**, Roth, Miguel 2000 "Possible detection of an old bipolar shell associated with η , Carinae"
Monthly Notices Royal Astronomical Society 312., 295

66. Morgan, Nicholas D., Burley, Greg, Costa, Edgardo, Maza, José, Persson, S. E., **Ruiz, M.T.**, Schechter, Paul L., Thompson, Ian, Winn, Joshua N. 2000 "CTQ 839: Candidate for the Smallest Projected Separation Binary Quasar"
Astronomical Journal 119, 1083

67. Peimbert, Manuel, Peimbert, Antonio, **Ruiz, M.T.** 2000 "The Chemical Composition of the Small Magellanic Cloud H II Region NGC 346 and the Primordial Helium Abundance"
Astrophysical Journal 541, 688

68. Winn, Joshua N., Hewitt, Jacqueline N., Schechter, Paul L., Dressler, Alan, Falco, E. E., Impey, C. D., Kochanek, C. S., Lehár, J., Lovell, J. E. J., McLeod, B. A., Morgan, Nicholas D., Muñoz, J. A., Rix, H.-W., **Ruiz, M.T.** 2000 "PMN J1838-3427: A New Gravitationally Lensed Quasar"
Astronomical Journal 120, 2868

69. Méndez, René, A., **Ruiz, M.T.** 2001 The Luminosity Function of Magnitude and Proper-Motion-selected Samples: The Case of White Dwarfs
Astrophysical Journal 547, 252

70. **Ruiz, M.T.**, Wischnjewsky, Marina, Rojo, Patricio M., González, Luis E. 2001 "Calán-ESO Proper-Motion Catalog"
Astrophysical Journal 133, 119

71. Bergeron, P., Leggett, S. K., **Ruiz, M.T.** 2001 "Photometric and Spectroscopic Analysis of Cool White Dwarfs with Trigonometric Parallax Measurements"
Astrophysical Journal Series 133, 413B

72. Tapia, M., Bohigas, J., Pérez, B., Roth, M., **Ruiz, M. T.** 2001 "Physical Conditions and Current Massive Star Formation in NGC 3603"
Revista Mexicana de Astronomía y Astrofísica 37, 39T

73. **Ruiz, M.T.**, Rojo, Patricio M., Garay, Guido, Maza, José, 2001 "CE 315: A New Interacting Double-Degenerate Binary Star"
Astrophysical Journal 552, 679R

74. Clocchiatti, Alejandro, Suntzeff, Nicholas B., Phillips, Mark M., Filippenko, Alexei V., Turatto, Massimo, Benetti, Stefano, Cappellaro, Enrico, Avilés, Roberto, Covarrubias, Ricardo, DeGioia-Eastwood, K., Dickinson, Mark, Gouiffes, Christian, Guhathakurta, Puragra, Hamuy, Mario, Heathcote, Steve R., Leibundgut, Bruno, Matheson, Thomas, Navarrete, Mauricio, Perez, M., Phillips, Andrew, Piemonte, Antonello, **Ruiz, M. T.**, Shields, Joseph C., Smith, Chris, Spinrad, Hyron, Sturch, Conrad R., Tyson, J. Anthony, Wells, Lisa 2001 "The Type IC SN 1990B in NGC 4568"
Astrophysical Journal 553, 886C

75. **Ruiz, M. T.**, Efstathiou, A., Alexander, D. M., Hough, J. 2001 "Constraints on the nuclear emission of the Circinus galaxy: the torus"
Monthly Notices Royal Astronomical Society 325, 995R

76. **Ruiz, M.T.**, Bergeron, P. 2001 "White Dwarfs in the Calán-ESO Survey"
Astrophysical Journal 558, 761R

77. Rojo, P., & **Ruiz, M.T.** 2003 "Kinematics and Luminosity Function of Dwarf Populations in Three Areas of the Calán-ESO Proper-Motion Catalog"
Astronomical journal 126, 353

78. Castander, F. J., Treister, E., Maza, J., Coppi, P. S., Maccarone, T. J., Zepf, S. E., Guzmán, R., **Ruiz, M. T.** 2003 "The CYDER survey: first results"
Astronomische Nachrichten 324, 40
79. **Ruiz, M.T.**, Peimbert, Antonio, Peimbert, Manuel, Esteban, César 2003 "Very Large Telescope Echelle Spectrophotometry of the Planetary Nebula NGC 5307 and Temperature Variations"
The Astrophysical Journal 595, 247
80. von Hippel, Ted, Sarajedini, Ata, **Ruiz, M.T.** 2003 "Using Optical and Near-Infrared Photometry to Test MACHO Lens Candidates"
The Astrophysical Journal 595, 794
81. Hamann, W.-R., Peña, M., Gräfener, G., **Ruiz, M. T.** 2003 "The central star of the planetary nebula N 66 in the Large Magellanic Cloud: A detailed analysis of its dramatic evolution 1983-2000"
Astronomy and Astrophysics 409, 969
82. Storch-Bergmann, Thaisa, Nemmen da Silva, Rodrigo, Eracleous, Michael, Halpern, Jules P., Wilson, Andrew S., Filippenko, Alexei V., **Ruiz, M.T.**, Smith, R. Chris, Nagar, Neil M. 2003 "Evolution of the Nuclear Accretion Disk Emission in NGC 1097: Getting Closer to the Black Hole"
The Astrophysical Journal 598, 956
83. Peimbert, Manuel, Peimbert, Antonio, **Ruiz, M.T.**, Esteban, César 2004 "Physical Conditions of the Planetary Nebula NGC 5315 Derived from VLT Echelle Observations and the t_2 Problem"
The Astrophysical Journal Supplement Series 150, 431
84. Peña, M., Hamann, W., **Ruiz, M.T.**, Peimbert, A. 2004 "A High resolution spectroscopic study of the extraordinary planetary nebula LMC-N66"
Astronomy and Astrophysics 419, 583
85. Bohigas, Joaquín, Tapia, Mauricio, Roth, Miguel, **Ruiz, M.T.** 2004 "Optical Imaging and Spectroscopy of the H II Region G353.2+0.9 in NGC 6357 and Its Relation to Pismis 24"
The Astronomical Journal 127, 2826
86. Maciej Konacki, Guillermo Torres, Dimitar D. Sasselov, Grzegorz Pietrzynski, Andrzej Udalski, Saurabh Jha, **Ruiz, M.T.**, Wolfgang Gieren and Dante Minniti 2004 "The Transiting Extrasolar Giant Planet around the Star OGLE-TR-113".
The Astrophysical Journal, 609, L37-L40.
87. Jorge García-Rojas, César Esteban, Manuel Peimbert, Mónica Rodríguez, **Ruiz, M.T.**, Antonio Peimbert 2004 "Chemical abundances of the Galactic H II region NGC 3576 derived from VLT echelle spectrophotometry".
The Astrophysical Journal, 153, 501-522.
88. Esteban, C., Peimbert, M., García-Rojas, J., **Ruiz, M. T.**, Peimbert, A., Rodríguez, M., 2004 "A reappraisal of the chemical composition of the Orion nebula based on Very Large Telescope echelle spectrophotometry".
Monthly Notices of the Royal Astronomical Society, 355, 229-247.
89. Bohigas, J., Tapia, M., Roth, M., **Ruiz, M. T.**, 2004 "Physical Properties of the Giant H II Region G353.2+0.9 in NGC 6357",
Journal of the Korean Astronomical Society, 37, 281-284.

90. Esteban, C., Garcí,a-Rojas, J., Peimbert, M., Peimbert, A., **Ruiz, M.T.**, Rodríguez, M., Carigi, L., 2005 "Carbon and Oxygen Galactic Gradients: Observational Values from H II Region Recombination Lines".
The Astrophysical Journal, 618, L95-L98.
91. Bergeron, P., **Ruiz, M.T.**, Hamuy, M., Leggett, S. K., Currie, M. J., Lajoie, C., Dufour, P., 2005 "On the Interpretation of High-Velocity White Dwarfs as Members of the Galactic Halo".
The Astrophysical Journal, 625, 838-848.
92. Peimbert, A., Peimbert, M., **Ruiz, M. T.**, 2005 ",Chemical Composition of Two H II Regions in NGC 6822 Based on VLT Spectroscopy".
The Astrophysical Journal, 634, 1056-1066.
93. Garcí,a-Rojas, J., Esteban, C., Peimbert, A., Peimbert, M., Rodríguez, M., **Ruiz, M. T.**, 2005 "Deep echelle spectrophotometry of S 311, a Galactic HII region located outside the solar circle".
Monthly Notices of the Royal Astronomical Society, 362, 301-312.
94. Gawiser, E., van Dokkum, P., Herrera, D., Maza, J., Castander, F., Infante, L., Lira, P., Quadri, R., Toner, R., Treister, E., Urry, C., Altmann, M., Assef, R., Christlein, D., Coppi, P., Durá,n, M. F., Franx, M., Galaz, G., Huerta, L., Liu, C., López, S., Mé,ndez, R., Moore, D., Rubio, M., **Ruí,z, M. T.**, Toft, S., Yi, S., 2006 "The Multiwavelength Survey by Yale-Chile (MUSYC): Survey Design and Deep Public UBVRIZ' Images and Catalogs of the Extended Hubble Deep Field-South".
The Astrophysical Journal, 162, 1-19.
95. Phillips, M., Krisciunas, K., Suntzeff, N., Abraham, R. G., Beckett, M. G., Bonati, M., Candia, P., Corwin, T., Depoy, D., Espinoza, J., Firth, A. E., Freedman, W. L., Galaz, G., Germany, L., Gonzalez, D., Hamuy, M., Hastings, N. C., Hungerford, A. L., Ivanov, V. D., Labbé,, E., Marzke, R. O., McCarthy, P. J., McMahon, R. G., McMillan, R., Muenia, C., Persson, S. E., Roth, M., **Ruí,z, M. T.**, Smith, R., Smith, R., Strolger, L., Stubbs, C., 2006 "Optical and Near-Infrared Observations of the Peculiar Type ia Supernova 1999ac ".
The Astronomical Journal, 131, 2615-2627.
96. Garcí,a-Rojas, J., Esteban, C., Peimbert, M., Costado, M. T., Rodríguez, M., Peimbert, A., **Ruí,z, M. T.**, 2006 "Faint emission lines in the Galactic HII regions M16, M20 and NGC 3603*".
Monthly Notices of the Royal Astronomical Society, 368, 253-279.
97. Ferná,ndez, J., Minniti, D., Pietrzynski, G., Gieren, W., **Ruí,z, M. T.**, Zoccali, M., Udalski, A., Szeifert, T., 2006 "Millimagnitude Optical Photometry for the Transiting Planetary Candidate OGLE-TR-109".
The Astrophysical Journal, 647, 587-593.
98. Pont, F., Moutou, C., Gillon, M., Udalski, A., Bouchy, F., Fernandes, J. M., Gieren, W., Mayor, M., Mazeh, T., Minniti, D., Melo, C., Naef, D., Pietrzynski, G., Queloz, D., **Ruí,z, M. T.**, Santos, N. C., Udry, S., 2007 ",The ",666", collaboration on OGLE transits. I. Accurate radius of the planets OGLE-TR-10b and OGLE-TR-56b with VLT deconvolution photometry".
Astronomy and Astrophysics, 465, 1069-1074.
99. Dí,az, R., Ramí,rez, S., Ferná,ndez, J., Gallardo, J., Gieren, W., Ivanov, V., Mauas, P., Minniti, D., Pietrzynski, G., Pé,rez, F., **Ruí,z, M. T.**, Udalski, A., Zoccali, M., 2007 ",Millimagnitude Photometry for Transiting Extrasolar Planetary Candidates. II. Transits of OGLE-TR-113-b in the Optical and Near-IR".
The Astrophysical Journal, 660, 850-857.
100. Minniti, D., Ferná,ndez, J., Dí,az, R., Udalski, A., Pietrzynski, G., Gieren, W., Rojo, P., **Ruí,z, M. T.**, Zoccali, M., 2007 ",Millimagnitude Photometry for Transiting Extrasolar Planetary Candidates. III. Accurate Radius and Period for OGLE-TR-111-b".
The Astrophysical Journal, 660, 858-862.

101. Hoyer, S., Ramírez Alegría, S., Ivanov, V. D., Minniti, D., Pietrzynski, G., **Ruiz, M. T.**, Gieren, W., Udalski, A., Zoccali, M., Carrasco, E. R., Díaz, R. F., Fernández, J. M., Gallardo, J., Rejkuba, M., Pérez, F., 2007 "Millimagnitude Photometry for Transiting Extrasolar Planetary Candidates. IV. Solution to the Puzzle of the Extremely Red OGLE-TR-82 Primary". *The Astrophysical Journal*, 669, 1345-1353.
102. Melo, C., Santos, N. C., Gieren, W., Pietrzynski, G., **Ruiz, M. T.**, Sousa, S. G., Bouchy, F., Lovis, C., Mayor, M., Pepe, F., Queloz, D., da Silva, R., Udry, S., 2007 "A new Neptune-mass planet orbiting HD 219828". *Astronomy and Astrophysics*, 467, 721-727.
- 103.- Udalski, A., Pont, F., Naef, D., Melo, C., Bouchy, F., Santos, N. C., Moutou, C., Díaz, R. F., Gieren, W., Gillon, M., *Hoyer, S.*, Mayor, M., Mazeh, T., Minniti, D., Pietrzynski, G., Queloz, D., Ramírez, S., **Ruiz, M. T.**, Shporer, A., Tamuz, O., Udry, S., Zoccali, M., Kubiak, M., Szymanski, M. K., Soszynski, I., Szewczyk, O., Ulaczyk, K., Wyrzykowski, L., 2008 "OGLE-TR-211 - a new transiting inflated hot Jupiter from the OGLE survey and ESO LP666 spectroscopic follow-up program". *Astronomy and Astrophysics*, 482, 299-304.
- 104.- Díaz, R. F., Rojo, P., Melita, M., *Hoyer, S.*, Minniti, D., Mauas, P., **Ruiz, M. T.**, 2008 "Detection of Period Variations in Extrasolar Transiting Planet OGLE-TR-111b". *The Astrophysical Journal*, 682, L49-L52.
- 105.- Peña, M., **Ruiz, M. T.**, Rojo, P., Torres-Peimbert, S., Hamann, W., 2008 "A New Outburst in the Extraordinary Central Star of LMC-N66". *The Astrophysical Journal*, 680, L109-L111.
- 106.- Pont, F., Tamuz, O., Udalski, A., Mazeh, T., Bouchy, F., Melo, C., Naef, D., Santos, N. C., Moutou, C., Díaz, R. F., Gieren, W., Gillon, M., *Hoyer, S.*, Kubiak, M., Mayor, M., Minniti, D., Pietrzynski, G., Queloz, D., Ramírez, S., **Ruiz, M. T.**, Shporer, A., Soszynski, I., Szewczyk, O., Szymanski, M. K., Udry, S., Ulaczyk, K., Wyrzykowski, L., Zoccali, M., 2008 "A transiting planet among 23 new near-threshold candidates from the OGLE survey - OGLE-TR-182". *Astronomy and Astrophysics*, 487, 749-754.