

AUTHOR INDEX

- Abraham, Z.** SgrA* emission at 7 mm.
P. P. B. Beaklini & Z. Abraham, 112
- Adame, L.** Accretion disks around young brown dwarfs. Spectral indices for the two viscosity prescriptions. *L. Adame, P. D'Alessio, N. Calvet, & J. Cantó*, 263
- Agudo, I.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir.
E. Benítez et al., 44
- Agudo, I.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- Aguiar, O. D.** Gravitational Wave Detection: What is new. *O. D. Aguiar*, 299
- Aguilar, E.** Identification of high-*z* galaxies through submillimetre drop-outs. *E. Aguilar, I. Aretxaga, D. H. Hughes, G. Wilson, K. S. Scott, & AzTEC/ASTE Team*, 110
- Aguilar, L.** Detecting Stellar Streams in the Galactic Halo with a Modified GC3 Method. *C. Mateu, G. Bruzual, L. Aguilar, A. Brown, O. Valenzuela, L. Carigi, F. Hernández, & H. Velázquez*, 280
- Aguilar, L.** The mass power spectrum at sub-galactic scales as a constraint to dark matter properties.
A. X. González-Morales, O. Valenzuela, & L. Aguilar, 15
- Aguilera, V.** Star formation in unperturbed LIRGs.
I. Fuentes-Carrera et al., 119
- Ahumada, A. V.** A new open cluster binary system in the Milky Way. *A. E. Piatti, J. J. Clariá, & A. V. Ahumada*, 286
- Ahumada, A. V.** BOCCE Project: The Bologna Open Cluster Chemical Evolution. *A. V. Ahumada, A. Bragaglia, M. Tosi, & G. Marconi*, 265
- Ahumada, A. V.** EFOSC2/NTT integrated spectroscopy of ten Magellanic Clouds' stellar clusters.
A. V. Ahumada, A. Benítez Llambay, J. F. C. Santos, Jr., J. J. Clariá, E. Bica, & A. E. Piatti, 264
- Ahumada, A. V.** First photometric analysis of six open cluster candidates. *A. E. Piatti, J. J. Clariá, & A. V. Ahumada*, 285
- Alberdi, A.** EVN Observations: Unveiling the Heart of LIRGs and ULIRGs. *C. Romero-Cañizales, M. A. Pérez-Torres, & A. Alberdi*, 90
- Alberdi, A.** Thermal Radio Emission from Radiative Shocks in Colliding Wind Binaries. *G. Montes, R. F. González, J. Cantó, M. A. Pérez-Torres, & A. Alberdi*, 247
- Allen, C.** Diffracto-Astrometry of The Orion Trapezium. *J. Olivares, L. J. Sánchez, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 282
- Allen, C.** Revista Mexicana de Astronomía y Astrofísica, a real option for astronomical publication.
S. Torres-Peimbert & C. Allen, 311
- Allen, C.** The Techniques of Diffracto-Astrometry applied to Hubble Space Telescope and Adaptive Optics Images. *L. J. Sánchez, J. Olivares, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 308
- Alonso-García, J.** VISTA Variables in the Vía Láctea (VVV): first results and perspectives.
R. K. Saito et al., 221
- Álvarez, C.** About pulsars dynamical evolution.
R. López-Valdivia, C. Álvarez, E. de la Fuente, D. Lorimer, & M. Kramer, 279
- Álvarez, M.** Asteroseismology of the Delta Scuti star V650 Tauri. *L. Fox Machado, R. Michel, M. Álvarez, J. N. Fu, & C. Zurita*, 237
- Álvarez, M.** Spectroscopy of BL Cam - observations.
M. Álvarez, R. Michel, L. Fox-Machado, J. P. Sareyan, S. Fauvaud, & G. Tovmassian, 266
- Alvarez, M. A.** The Euler Characteristic as a Measure of the Topology of Cosmic Reionization.
M. M. Friedrich, G. Mellema, M. A. Alvarez, P. R. Shapiro, & I. T. Iliev, 13
- Álvarez-Meraz R.** Analysis of the evolution of traps for protoplanets considering disk photoevaporation.
R. Álvarez-Meraz, F. Masset, & A. Segura, 293
- Ambrocio-Cruz, P.** Diffuse X-ray emission from the superbubble N70. *J. Reyes-Iturbide, M. Rosado, A. Rodríguez-González, P. F. Velázquez, & P. Ambrocio-Cruz*, 199
- Ambrocio-Cruz, P.** Star formation in unperturbed LIRGs. *I. Fuentes-Carrera et al.*, 119
- Andernach, H.** Relation between activity, morphology and environment for a large sample of SDSS galaxies.
R. A. Ortega-Minakata, J. P. Torres-Papaqui, H. Andernach, J. M. Islas-Islas, & D. M. Neri-Larios, 127
- Andrade-Santos, F.** Spiral-arm substructures in the intracluster gas. *G. B. Lima Neto, T. F. Laganá, & F. Andrade-Santos*, 125
- Angeloni, R.** The VVV Templates Project Towards Automated Classification of VVV Light Curves.
M. Catelan, R. Angeloni, I. Dékány, K. Pichara, S. Eyheramendy, & J. Borissova, 269
- Angeloni, R.** VISTA Variables in the Vía Láctea (VVV): first results and perspectives. *R. K. Saito et al.*, 221
- Anglada, G.** New results on the HH 80-81 jet.
C. Carrasco-González, L. F. Rodríguez, M. Osorio, G. Anglada, J. Martí, J. M. Torrelles,

- R. Galván-Madrid, & P. D'Alessio*, 229
- Anguiano, O.** 3D visualization of evolutionary diagrams for quasars in the parameters space 4DE1. *O. Anguiano, E. Jiménez-Bailón, D. Dultzin, A. Negrete, P. Marziani, & J. Sulentic*, 42
- Anguita, T.** Galaxy Scale Lenses in the RCS2. *T. Anguita*, 111
- Antoja, T.** Kinematic structures in galactic disc simulations. *S. Roca-Fàbrega, M. Romero-Gómez, F. Figueras, T. Antoja, & O. Valenzuela*, 130
- Antoja, T.** Modelling the inner parts of the Milky Way using invariant manifolds. *M. Romero-Gomez, E. Athanassoula, T. Antoja, F. Figueras, O. Valenzuela, & B. Pichardo*, 92
- Araudo, A. T.** Analysis of the spectral energy distribution from a runaway star bow shock. *C. S. Peri, A. T. Araudo, P. Benaglia, G. E. Romero, & J. Martí*, 156
- Arellano Ferro, A.** The Globular Cluster NGC 6981: Variable stars population, physical parameters and astrometry. *R. Figuera Jaimes, A. Arellano Ferro, D. M. Bramich, & S. Giridhar*, 235
- Aretxaga, I.** Identification of high-*z* galaxies through submillimetre drop-outs. *E. Aguilar, I. Aretxaga, D. H. Hughes, G. Wilson, K. S. Scott, & AzTEC/ASTE Team*, 110
- Aretxaga, I.** Studying the properties of massive galaxies in protoclusters using millimetre-wavelength observations. *M. Zaballos, D. H. Hughes, I. Aretxaga, & G. Wilson*, 108
- Arrieta, A.** NGC 6826: a unified study of the planetary nebula and its central stars. *C. R. Fierro, A. Peimbert, L. Georgiev, C. Morisset, & A. Arrieta*, 167
- Arshakian, T. G.** Correlations between radio emission of the parsec-scale jet and optical nuclear emission of host AGN. *J. Torrealba, T. G. Arshakian, V. Chavushyan, & I. Cruz-González*, 98
- Arthur, S. J.** X-Ray Emission from interstellar bubbles around Wolf-Rayet stars. *J. A. Toalá & S. J. Arthur*, 185
- Artigau, E.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284
- Athanassoula, E.** Modelling the inner parts of the Milky Way using invariant manifolds. *M. Romero-Gomez, E. Athanassoula, T. Antoja, F. Figueras, O. Valenzuela, & B. Pichardo*, 92
- Athanassoula, E.** Properties of bars in spiral galaxies from COSMOS. *I. Hernández-López, E. Recillas, R. Mújica-García, & E. Athanassoula*, 121
- Avila-Reese, V.** Seeding the local disk galaxy population. *A. Rodríguez-Puebla, V. Avila-Reese, C. Firmani, & P. Colín*, 84
- Avila-Reese, V.** The Cosmic Star Formation History. *M. A. Muñoz-Gutiérrez & V. Avila-Reese*, 23
- Avila-Reese, V.** The dark and stellar mass assembly of galaxies. *V. Avila-Reese & C. Firmani*, 27
- Ayala, S.** Kinematical study of the planetary nebula NGC 6058. *P. F. Guillén, R. Vázquez, S. Zavala, L. F. Miranda, M. E. Contreras, S. Ayala, & S. Gil*, 191
- Banerjee, R.** Time Variability in Simulated Ultra-compact and Hypercompact H II Regions. *R. Galván-Madrid, T. Peters, E. R. Keto, M.-M. Mac Low, R. Banerjee, & R. S. Klessen*, 273
- Basilakos, S.** Constraining the Dark Energy Equation of State Using Alternative Cosmic Tracers. *R. Chávez, R. Terlevich, E. Terlevich, F. Bresolin, J. Melnick, M. Plionis, & S. Basilakos*, 9
- Batta, A.** 3D Collapse and Accretion in Slowly Rotating Polytropes. *A. Batta & W. H. Lee*, 155
- Beaklini, P. P. B.** SgrA* emission at 7 mm. *P. P. B. Beaklini & Z. Abraham*, 112
- Beamin, J. C.** VISTA Variables in the Vía Láctea (VVV): first results and perspectives. *R. K. Saito et al.*, 221
- Beckman, J. E.** The HII regions of M51 and NGC 4449. Behavior of the mean electron density. *L. Gutiérrez & J. E. Beckman*, 192
- Benaglia, P.** Analysis of the spectral energy distribution from a runaway star bow shock. *C. S. Peri, A. T. Araudo, P. Benaglia, G. E. Romero, & J. Martí*, 156
- Benaglia, P.** Radio emission from massive protostellar objects. *P. Benaglia*, 211
- Benítez, E.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- Benítez, E.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- Benítez Llambay, A.** EFOSC2/NTT integrated spectroscopy of ten Magellanic Clouds' stellar clusters. *A. V. Ahumada, A. Benítez Llambay, J. F. C. Santos, Jr., J. J. Clariá, E. Bica, & A. E. Piatti*, 264
- Bernal, C. G.** Growing Magnetic Fields in Central Compact Objects. *C. G. Bernal & D. Page*, 149
- Bertone, E.** Line-Depth Indices and Atmospheric Parameters of Solar-like Stars in M67. *M. Chávez, C. Tapia-Schiavon, E. Bertone, J. B. Hernández-Águila, J. R. Valdés, & V. Chavushyan*, 114
- Bertout, C.** Determination of Kinematic Distances of Pre-Main Sequence Stars in Lupus. *P. Galli, R. Teixeira, C. Ducourant, & C. Bertout*, 272
- Bica, E.** EFOSC2/NTT integrated spectroscopy of ten Magellanic Clouds' stellar clusters. *A. V. Ahumada, A. Benítez Llambay, J. F. C. Santos, Jr., J. J. Clariá, E. Bica, & A. E. Piatti*, 264
- Bica, E.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267

- Binette, L.** Ionization of the diffuse gas in galaxies: Hot low-mass evolved stars at work. *N. Flores-Fajardo, C. Morisset, G. Stasińska, & L. Binette*, 118
- Biro, S.** Letters From the Public: A Portrait of Popular Astronomy in Mexico (1918–1947). *S. Biro*, 309
- Blanco-Cano, X.** Waves and Instabilities in the Magnetospheric Plasma of Saturn. *M. Rodríguez-Martínez, X. Blanco-Cano, C. T. Russell, J. S. Leisner, R. J. Wilson, M. K. Dougherty, & H. R. Pérez-Enríquez*, 295
- Boden, A. F.** The Gould's Belt distance survey. *L. Loinard, A. J. Mioduszewski, R. M. Torres, S. Dzib, L. F. Rodríguez, & A. F. Boden*, 205
- Boden, A. F.** VLBA astrometry of the AeBe star EC 95 in Serpens. *S. Dzib, L. Loinard, A. J. Mioduszewski, A. F. Boden, L. F. Rodríguez, & R. M. Torres*, 231
- Bonatto, C.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Bonatto, C.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284
- Bongiovanni, A.** High redshift galaxies & Lyman Alpha Emitters through gravitational lensing. *J. A. de Diego, M. A. De Leo, A. Bongiovanni, T. Verdugo, & J. Cepa*, 117
- Borissova, J.** The VVV Templates Project Towards Automated Classification of VVV Light Curves. *M. Catelan, R. Angeloni, I. Dékány, K. Pichara, S. Eyheramendy, & J. Borissova*, 269
- Borissova, J.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Borissova, J.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284
- Bragaglia, A.** BOCCE Project: The Bologna Open Cluster Chemical Evolution. *A. V. Ahumada, A. Bragaglia, M. Tosi, & G. Marconi*, 265
- Bramich, D. M.** The Globular Cluster NGC 6981: Variable stars population, physical parameters and astrometry. *R. Figueroa Jaimes, A. Arellano Ferro, D. M. Bramich, & S. Giridhar*, 235
- Bresolin, F.** Chemical Abundances in PNe in the spiral NGC 300. *M. Peña, G. Stasińska, F. Bresolin, & Y. Tsamis*, 177
- Bresolin, F.** Constraining the Dark Energy Equation of State Using Alternative Cosmic Tracers. *R. Chávez, R. Terlevich, E. Terlevich, F. Bresolin, J. Melnick, M. Plionis, & S. Basilakos*, 9
- Briceño, C.** Census of protoplanetary disks in young stellar regions. *J. Hernandez, N. Calvet, L. Hartmann, C. Briceño, A. K. Vivas, J. Muzerolle, R. Gutermuth, & J. Stauffer*, 243
- Briceño, C.** Measuring the Galactic Thick Disk with QUEST-I RR Lyrae stars. *C. Mateu, A. K. Vivas, J. J. Downes, & C. Briceño*, 245
- Briceño, C.** The CIDA-VISTA Survey in Orion OB1. *C. Briceño, C. Mateu, J. J. Downes, A. K. Vivas, J. Hernández, & N. Calvet*, 225
- Briceño, C.** The formation and early evolution of brown dwarfs viewed through the Orion dispersed populations. *J. J. Downes, C. Briceño, C. Mateu, J. Hernández, N. Calvet, & L. Hartmann*, 217
- Bronfman, L.** The molecular interstellar medium associated with the young compact stellar cluster Westerlund 1. *A. Luna, Y. D. Mayya, L. Carrasco, & L. Bronfman*, 173
- Brown, A.** Detecting Stellar Streams in the Galactic Halo with a Modified GC3 Method. *C. Mateu, G. Bruzual, L. Aguilar, A. Brown, O. Valenzuela, L. Carigi, F. Hernández, & H. Velázquez*, 280
- Bruzual A., G.** Modeling stellar populations near and far. *G. Bruzual A.*, 36
- Bruzual A., G.** Uncertainties in the galaxy mass and age determination from inverse population synthesis models. *G. Magris C., G. Bruzual A., & J. Mateu*, 66
- Bruzual, G.** A Stellar Population Synthesis Model that Includes Binary Interaction. *F. C. Hernández & G. Bruzual*, 277
- Bruzual, G.** Detecting Stellar Streams in the Galactic Halo with a Modified GC3 Method. *C. Mateu, G. Bruzual, L. Aguilar, A. Brown, O. Valenzuela, L. Carigi, F. Hernández, & H. Velázquez*, 280
- Bruzual, G.** High-redshift objects in dust environments. *E. E. Martínez-García, G. Bruzual, G. Magris, R. A. González-Lópezlira, & M. Rosado*, 70
- Cabanac, R.** Strong lensing, weak lensing, and dynamics in SL2S J02140-0535. *T. Verdugo, V. Motta, R. P. Muñoz, M. Limousin, R. Cabanac, & J. Richard*, 104
- Cabrera, J. I.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- Cabrera, J. I.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- Caceres, C.** High cadence NIR observations of extrasolar planets. *C. Caceres, V. D. Ivanov, D. Minniti, D. Naef, C. Melo, F. Selman, E. Mason, & G. Pietrzynski*, 291
- Caicedo-Ortiz, H. E.** A Study of the Ionized Gas in Giant HII Regions in NGC 6822. *H. E. Caicedo-Ortiz & H. O. Castañeda*, 187
- Calvet, N.** Accretion disks around young brown dwarfs. Spectral indices for the two viscosity prescriptions. *L. Adame, P. D'Alessio, N. Calvet, & J. Cantó*, 263
- Calvet, N.** Census of protoplanetary disks in young stellar regions. *J. Hernandez, N. Calvet, L. Hartmann, C. Briceño, A. K. Vivas, J. Muzerolle, R. Gutermuth, & J. Stauffer*, 243

- Calvet, N.** The CIDA-VISTA Survey in Orion OB1. *C. Briceño, C. Mateu, J. J. Downes, A. K. Vivas, J. Hernández, & N. Calvet*, 225
- Calvet, N.** The formation and early evolution of brown dwarfs viewed through the Orion dispersed populations. *J. J. Downes, C. Briceño, C. Mateu, J. Hernández, N. Calvet, & L. Hartmann*, 217
- Cantó, J.** Accretion disks around young brown dwarfs. Spectral indices for the two viscosity prescriptions. *L. Adame, P. D'Alessio, N. Calvet, & J. Cantó*, 263
- Cantó, J.** Numerical models for the 19th century outbursts of η Carinae. *R. F. González, A. M. Villa, G. C. Gómez, E. M. de Gouveia Dal Pino, A. C. Raga, J. Cantó, P. F. Velázquez, & E. de la Fuente*, 190
- Cantó, J.** Thermal Radio Emission from Radiative Shocks in Colliding Wind Binaries. *G. Montes, R. F. González, J. Cantó, M. A. Pérez-Torres, & A. Alberdi*, 247
- Cappa, C. E.** Induced star formation in the HII region Sh2-54. *J. Vasquez, C. E. Cappa, S. Cichowolski, M. Ortega, G. Romero, & M. Rubio*, 259
- Cappa, C. E.** Star Forming Regions Towards Stellar Wind Bubbles: RCW 52 and RCW 78. *C. E. Cappa, G. A. Romero, M. Rubio, & M. C. Martín*, 163
- Cardona, O.** Atomic Line Widths by Thermal Energy Fluctuations in Stellar Atmospheres. *O. Cardona*, 227
- Cardona, O.** The IIM Stabilized with a Cubic Spline Model for the Source Function. *O. Cardona & E. Simonneau*, 268
- Carigi, L.** PNe as observational constraints in chemical evolution models for NGC 6822. *L. Hernández-Martínez, L. Carigi, M. Peña, & M. Peimbert*, 171
- Carigi, L.** Chemical Evolution Model of M33. *F. Robles-Valdez & L. Carigi*, 129
- Carigi, L.** Detecting Stellar Streams in the Galactic Halo with a Modified GC3 Method. *C. Mateu, G. Bruzual, L. Aguilar, A. Brown, O. Valenzuela, L. Carigi, F. Hernández, & H. Velázquez*, 280
- Carigi, L.** Solar origins: Place and Chemical Composition. *L. Carigi & M. Peimbert*, 46
- Carpintero, D. D.** Numerical simulations of open clusters. *R. B. Orellana & D. D. Carpintero*, 283
- Carrasco, L.** Characterizing the embedded young stellar objects in the galactic star-forming region IRAS 18236-1205. *R. Retes, A. Luna, D. Mayya, & L. Carrasco*, 249
- Carrasco, L.** Testing the Bragg cell of an acousto-optical spectrometer for radio astronomy. *G. Herrera-Martínez, A. Luna, L. Carrasco, & A. Shcherbakov*, 305
- Carrasco, L.** The molecular interstellar medium associated with the young compact stellar cluster Westerlund 1. *A. Luna, Y. D. Mayya, L. Carrasco, & L. Bronfman*, 173
- Carrasco-González, C.** New results on the HH 80-81 jet. *C. Carrasco-González, L. F. Rodríguez, M. Osorio, G. Anglada, J. Martí, J. M. Torrelles, R. Galván-Madrid, & P. D'Alessio*, 229
- Casas, R. A.** Computation of initial conditions for a thin disc as an extension of Dehnen Algorithm. *J. A. Celis-Gil, C. A. Martínez-Barbosa, & R. A. Casas*, 113
- Casas, R. A.** Disruption of Dwarf Satellite Galaxies without Dark Matter. *R. A. Casas & P. Kroupa*, 48
- Casas, R. A.** Origin and evolution of the Sagittarius Dwarf galaxy using N-Body simulations. *C. A. Martínez-Barbosa & R. A. Casas*, 68
- Casetti-Dinescu, D.** Proper motion study of the Magellanic Clouds using SPM material. *K. Vieira et al.*, 106
- Castañeda, H. O.** A Study of the Ionized Gas in Giant HII Regions in NGC 6822. *H. E. Caicedo-Ortiz & H. O. Castañeda*, 187
- Catelan, M.** Effects of Helium Enrichment in Globular Cluster Populations. *A. A. R. Valcarce, M. Catelan, & A. V. Sweigart*, 257
- Catelan, M.** The VVV Templates Project Towards Automated Classification of VVV Light Curves. *M. Catelan, R. Angeloni, I. Dékány, K. Pichara, S. Eyheramendy, & J. Borissova*, 269
- Catelan, M.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Celis-Gil, J. A.** Computation of initial conditions for a thin disc as an extension of Dehnen Algorithm. *J. A. Celis-Gil, C. A. Martínez-Barbosa, & R. A. Casas*, 113
- Cepa, J.** High redshift galaxies & Lyman Alpha Emitters through gravitational lensing. *J. A. de Diego, M. A. De Leo, A. Bongiovanni, T. Verdugo, & J. Cepa*, 117
- Chávez, M.** Line-Depth Indices and Atmospheric Parameters of Solar-like Stars in M67. *M. Chávez, C. Tapia-Schiavon, E. Bertone, J. B. Hernández-Águila, J. R. Valdés, & V. Chavushyan*, 114
- Chávez, R.** Constraining the Dark Energy Equation of State Using Alternative Cosmic Tracers. *R. Chávez, R. Terlevich, E. Terlevich, F. Bresolin, J. Melnick, M. Plionis, & S. Basilakos*, 9
- Chavushyan, V.** Correlations between radio emission of the parsec-scale jet and optical nuclear emission of host AGN. *J. Torrealba, T. G. Arshakian, V. Chavushyan, & I. Cruz-González*, 98
- Chavushyan, V.** Line-Depth Indices and Atmospheric Parameters of Solar-like Stars in M67. *M. Chávez, C. Tapia-Schiavon, E. Bertone, J. B. Hernández-Águila, J. R. Valdés, & V. Chavushyan*, 114
- Chene, A. N.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Cichowolski, S.** Induced star formation in the HII region Sh2-54. *J. Vasquez, C. E. Cappa, S. Cichowolski, M. Ortega, G. Romero, & M. Rubio*, 259

- Cieza, L. A.** Imaging of the dust gap into the transitional disk RXJ1633.9-2242 (Oph 32). *M. Orellana, L. A. Cieza, M. R. Schreiber, J. P. Williams, B. Merín, & G. A. Romero*, 294
- Cieza, L. A.** Transition circumstellar disks in Lupus. *G. A. Romero, M. R. Schreiber, L. A. Cieza, A. Rebassa-Manssergas, J. P. Williams, B. Merín, A. Smith-Castelli, & M. Orellana*, 253
- Clariá, J. J.** A new open cluster binary system in the Milky Way. *A. E. Piatti, J. J. Clariá, & A. V. Ahumada*, 286
- Clariá, J. J.** EFOSC2/NTT integrated spectroscopy of ten Magellanic Clouds' stellar clusters. *A. V. Ahumada, A. Benítez Llambay, J. F. C. Santos, Jr., J. J. Clariá, E. Bica, & A. E. Piatti*, 264
- Clariá, J. J.** First photometric analysis of six open cluster candidates. *A. E. Piatti, J. J. Clariá, & A. V. Ahumada*, 285
- Clarke, J.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Colín, P.** Mass and metal ejection efficiency in disk galaxies driven by young stellar clusters of nuclear starburst. *A. Rodríguez-González, A. Esquivel, A. C. Raga, & P. Colín*, 86
- Colín, P.** Seeding the local disk galaxy population. *A. Rodríguez-Puebla, V. Avila-Reese, C. Firmani, & P. Colín*, 84
- Conde, S. M.** Heating of a Recombining Plasma by Bulk Viscosity Dissipation of Sound Waves. *M. H. Ibáñez & S. M. Conde*, 188
- Contreras, M. E.** Anneb: a nebular analysis software. *L. Olguín, R. Vázquez, M. E. Contreras, & M. Y. Jiménez*, 193
- Contreras, M. E.** Kinematical study of the planetary nebula NGC 6058. *P. F. Guillén, R. Vázquez, S. Zavala, L. F. Miranda, M. E. Contreras, S. Ayala, & S. Gil*, 191
- Contreras, M. E.** Photometric Search for Accretion Disks in Young Clusters: NGC 2414. *M. E. Contreras, B. Pérez-Rendón, L. Olguín, & J. C. Saucedo*, 270
- Cora, S. A.** A Variable IMF Slope To Fit The LCDM Picture To Observed High-*z* Submillimeter Sources. *A. M. Muñoz, F. P. Navarrete, C. del P. Lagos, N. D. Padilla, S. A. Cora, & T. E. Tecce*, 21
- Coronado, Y.** Lightcurves of HST-1 in M87. *Y. Coronado & S. Mendoza*, 50
- Corradi, R. L. M.** Search for New Planetary Nebulae with the IPHAS H α Survey. *L. Sabin, R. L. M. Corradi, A. Mampaso, & the IPHAS collaboration*, 183
- Costa, R. D. D.** Chemical evolution models for spiral disks: the Milky Way, M31 and M33. *R. D. D. Costa, M. M. Marcon-Uchida, & F. Matteucci*, 115
- Costa, R. D. D.** Mapping and modeling the properties of bipolar planetary nebulae. *D. M. Faes, R. D. D. Costa, & C. Morisset*, 233
- Costa-Duarte, M. V.** The Morphology of Superclusters of Galaxies. *M. V. Costa-Duarte & L. Sodré Jr.*, 116
- Costero, R.** Diffracto-Astrometry of The Orion Trapezium. *J. Olivares, L. J. Sánchez, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 282
- Costero, R.** The Techniques of Diffracto-Astrometry applied to Hubble Space Telescope and Adaptive Optics Images. *L. J. Sánchez, J. Olivares, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 308
- Coziol, R.** Low Luminosity AGN candidates in SDSS. *J. P. Torres-Papaqui, R. Coziol, J. M. Islas-Islas, R. A. Ortega-Minakata, & D. M. Neri-Larios*, 100
- Coziol, R.** Reverberation mapping of the Seyfert 1.5 galaxy H 0507+164. *S. Jeyakumar, C. S. Stalin, & R. Coziol*, 123
- Coziol, R.** The detection of extreme Low-Luminosity AGNs. *D. M. Neri-Larios, J. P. Torres-Papaqui, R. Coziol, J. M. Islas-Islas, & R. A. Ortega-Minakata*, 80
- Cruz-González, I.** Correlations between radio emission of the parsec-scale jet and optical nuclear emission of host AGN. *J. Torrealba, T. G. Arshakian, V. Chavushyan, & I. Cruz-González*, 98
- Cruz-González, I.** MIR and hard X-ray luminosities, silicate features, and SFR in AGN. *Y. Juárez, R. Maiolino, R. Mújica, & I. Cruz-González*, 124
- D'Alessio, P.** Accretion disks around young brown dwarfs. Spectral indices for the two viscosity prescriptions. *L. Adame, P. D'Alessio, N. Calvet, & J. Cantó*, 263
- D'Alessio, P.** New results on the HH 80-81 jet. *C. Carrasco-González, L. F. Rodríguez, M. Osorio, G. Anglada, J. Martí, J. M. Torrelles, R. Galván-Madrid, & P. D'Alessio*, 229
- Dalle Mese, G.** The Physical Basis of the Spectral Classification of A, F and G Stars. *G. Dalle Mese, O. López-Cruz, W. Schuster, & G. García*, 271
- de Brum, A. G. V.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- de Diego, J. A.** High redshift galaxies & Lyman Alpha Emitters through gravitational lensing. *J. A. de Diego, M. A. De Leo, A. Bongiovanni, T. Verdugo, & J. Cepa*, 117
- de Gouveia Dal Pino, E. M.** Numerical models for the 19th century outbursts of η Carinae. *R. F. González, A. M. Villa, G. C. Gómez, E. M. de Gouveia Dal Pino, A. C. Raga, J. Cantó, P. F. Velázquez, & E. de la Fuente*, 190
- de la Fuente, E.** About pulsars dynamical evolution. *R. López-Valdivia, C. Álvarez, E. de la Fuente, D. Lorimer, & M. Kramer*, 279

- de la Fuente, E.** Numerical models for the 19th century outbursts of η Carinae. *R. F. González, A. M. Villa, G. C. Gómez, E. M. de Gouveia Dal Pino, A. C. Raga, J. Cantó, P. F. Velázquez, & E. de la Fuente*, 190
- De Leo, M. A.** High redshift galaxies & Lyman Alpha Emitters through gravitational lensing. *J. A. de Diego, M. A. De Leo, A. Bongiovanni, T. Verdugo, & J. Cepa*, 117
- de Lima, C. R.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- de Mello, D. F.** The Role of Tidal Dwarf Galaxies in Galaxy Evolution. *D. F. de Mello, C. Mendes de Oliveira, S. Torres-Flores, & F. Urrutia-Viscarra*, 54
- De Rossi, M. E.** Chemical and morphological analysis of simulated galaxies. *S. E. Pedrosa, P. B. Tissera, & M. E. De Rossi*, 128
- De Rossi, M. E.** Supernova Feedback and the Bend of the Tully-Fisher Relation. *M. E. De Rossi, P. B. Tissera, & S. E. Pedrosa*, 56
- Del Olmo, A.** Induced Nuclear Activity in Galaxy Pairs. *F. J. Hernández-Ibarra, D. Dultzin, Y. Krongold, A. Del Olmo, & J. Perea*, 58
- del Valle, M. V.** Can T Tauri stars produce high-energy radiation? *M. V. del Valle & G. E. Romero*, 151
- Dékány I.** VISTA Variables in the Vía Láctea (VVV): first results and perspectives. *R. K. Saito et al.*, 221
- Dékány, I.** The VVV Templates Project Towards Automated Classification of VVV Light Curves. *M. Catelan, R. Angeloni, I. Dékány, K. Pichara, S. Eyheramendy, & J. Borissova*, 269
- Delgado-Inglada, G.** An Overabundance of Oxygen in Planetary Nebulae of the Solar Neighborhood. *M. Rodríguez & G. Delgado-Inglada*, 179
- Delgado-Inglada, G.** Iron Depletion in Ionized Nebulae of the Large Magellanic Cloud. *G. Delgado-Inglada, M. Rodríguez, J. García-Rojas, M. Peña, & M. T. Ruiz*, 165
- Delgado-Serrano, R.** The Evolution of the Observed Hubble Sequence over the past 6Gyr. *R. Delgado-Serrano, F. Hammer, Y. B. Yang, M. Puech, H. Flores, & M. Rodrigues*, 52
- Dougherty, M. K.** Waves and Instabilities in the Magnetospheric Plasma of Saturn. *M. Rodríguez-Martínez, X. Blanco-Cano, C. T. Russell, J. S. Leisner, R. J. Wilson, M. K. Dougherty, & H. R. Pérez-Enríquez*, 295
- Downes, J. J.** Measuring the Galactic Thick Disk with QUEST-I RR Lyrae stars. *C. Mateu, A. K. Vivas, J. J. Downes, & C. Briceño*, 245
- Downes, J. J.** The CIDA-VISTA Survey in Orion OB1. *C. Briceño, C. Mateu, J. J. Downes, A. K. Vivas, J. Hernández, & N. Calvet*, 225
- Downes, J. J.** The formation and early evolution of brown dwarfs viewed through the Orion dispersed populations. *J. J. Downes, C. Briceño, C. Mateu, J. Hernández, N. Calvet, & L. Hartmann*, 217
- Ducourant, C.** Determination of Kinematic Distances of Pre-Main Sequence Stars in Lupus. *P. Galli, R. Teixeira, C. Ducourant, & C. Bertout*, 272
- Duffau, S.** Investigating the Outskirts of the Milky Way: the Pisces Overdensity. *A. K. Vivas, B. Sesar, S. Duffau, & Ž. Ivezić*, 261
- Dultzin, D.** 3D visualization of evolutionary diagrams for quasars in the parameters space 4DE1. *O. Anguiano, E. Jiménez-Bailón, D. Dultzin, A. Negrete, P. Marziani, & J. Sulentic*, 42
- Dultzin, D.** Induced Nuclear Activity in Galaxy Pairs. *F. J. Hernández-Ibarra, D. Dultzin, Y. Krongold, A. Del Olmo, & J. Perea*, 58
- Dultzin, D.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- Dultzin, D.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- Dzib, S.** The Gould's Belt distance survey. *L. Loinard, A. J. Mioduszewski, R. M. Torres, S. Dzib, L. F. Rodríguez, & A. F. Boden*, 205
- Dzib, S.** VLBA astrometry of the AeBe star EC 95 in Serpens. *S. Dzib, L. Loinard, A. J. Mioduszewski, A. F. Boden, L. F. Rodríguez, & R. M. Torres*, 231
- Emerson, J. P.** VISTA Variables in the Vía Láctea (VVV): first results and perspectives. *R. K. Saito et al.*, 221
- Escalante, V.** Models of expanding photodissociation regions. *V. Escalante*, 189
- Escalante, V.** Observations of the photodissociated HI region that surrounds G213.880–11.837. *C. A. Rodríguez-Rico, Y. Gómez, G. Garay, C. Neria, L. F. Rodríguez, V. Escalante, S. Lizano, & M. Lebrón*, 181
- Esquivel, A.** Mass and metal ejection efficiency in disk galaxies driven by young stellar clusters of nuclear starburst. *A. Rodríguez-González, A. Esquivel, A. C. Raga, & P. Colín*, 86
- Eyheramendy, S.** The VVV Templates Project Towards Automated Classification of VVV Light Curves. *M. Catelan, R. Angeloni, I. Dékány, K. Pichara, S. Eyheramendy, & J. Borissova*, 269
- Faes, D. M.** Mapping and modeling the properties of bipolar planetary nebulae. *D. M. Faes, R. D. D. Costa, & C. Morisset*, 233
- Falceta-Gonçalves, D.** Interstellar Turbulence. *D. Falceta-Gonçalves*, 159
- Falcon, N.** MoND with Einstein's Cosmological Term as alternative to Dark Matter. *N. Falcon*, 11
- Fauvaud, S.** Spectroscopy of BL Cam - observations. *M. Álvarez, R. Michel, L. Fox-Machado, J. P. Sareyan, S. Fauvaud, & G. Tovmassian*, 266
- Fenili, A.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306

- Fierro, C. R.** NGC 6826: a unified study of the planetary nebula and its central stars. *C. R. Fierro, A. Peimbert, L. Georgiev, C. Morisset, & A. Arrieta*, 167
- Figuera Jaimes, R.** The Globular Cluster NGC 6981: Variable stars population, physical parameters and astrometry. *R. Figuera Jaimes, A. Arellano Ferro, D. M. Bramich, & S. Giridhar*, 235
- Figueras, F.** Kinematic structures in galactic disc simulations. *S. Roca-Fàbrega, M. Romero-Gómez, F. Figueras, T. Antoja, & O. Valenzuela*, 130
- Figueras, F.** Modelling the inner parts of the Milky Way using invariant manifolds. *M. Romero-Gomez, E. Athanassoula, T. Antoja, F. Figueras, O. Valenzuela, & B. Pichardo*, 92
- Figuerêdo, E.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- Firmani, C.** Seeding the local disk galaxy population. *A. Rodríguez-Puebla, V. Avila-Reese, C. Firmani, & P. Colín*, 84
- Firmani, C.** The dark and stellar mass assembly of galaxies. *V. Avila-Reese & C. Firmani*, 27
- Flores, H.** The Evolution of the Observed Hubble Sequence over the past 6Gyr. *R. Delgado-Serrano, F. Hammer, Y. B. Yang, M. Puech, H. Flores, & M. Rodríguez*, 52
- Flores-Fajardo, N.** Ionization of the diffuse gas in galaxies: Hot low-mass evolved stars at work. *N. Flores-Fajardo, C. Morisset, G. Stasińska, & L. Binette*, 118
- Folkes, S.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284
- Folkes, S. L.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Foryta, D.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- Fox Machado, L.** Asteroseismology of the Delta Scuti star V650 Tauri. *L. Fox Machado, R. Michel, M. Álvarez, J. N. Fu, & C. Zurita*, 237
- Fox-Machado, L.** Spectroscopy of BL Cam - observations. *M. Álvarez, R. Michel, L. Fox-Machado, J. P. Sareyan, S. Fauvaud, & G. Tovmassian*, 266
- Friedrich, M. M.** The Euler Characteristic as a Measure of the Topology of Cosmic Reionization. *M. M. Friedrich, G. Mellema, M. A. Alvarez, P. R. Shapiro, & I. T. Iliev*, 13
- Fu, J. N.** Asteroseismology of the Delta Scuti star V650 Tauri. *L. Fox Machado, R. Michel, M. Álvarez, J. N. Fu, & C. Zurita*, 237
- Fuentes-Carrera, I.** Star formation in unperturbed LIRGs. *I. Fuentes-Carrera et al.*, 119
- Galli, P.** Determination of Kinematic Distances of Pre-Main Sequence Stars in Lupus. *P. Galli, R. Teixeira, C. Ducourant, & C. Bertout*, 272
- Galván-Madrid, R.** New results on the HH 80-81 jet. *C. Carrasco-González, L. F. Rodríguez, M. Osorio, G. Anglada, J. Martí, J. M. Torrelles, R. Galván-Madrid, & P. D'Alessio*, 229
- Galván-Madrid, R.** On the Formation of the Most Massive Stars in the Galaxy. *R. Galván-Madrid, Q. Zhang, E. R. Keto, L. F. Rodríguez, & P. T. P. Ho*, 239
- Galván-Madrid, R.** Time Variability in Simulated Ultracompact and Hypercompact H II Regions. *R. Galván-Madrid, T. Peters, E. R. Keto, M.-M. Mac Low, R. Banerjee, & R. S. Klessen*, 273
- Gänsicke, B. T.** Accretion in detached post-common-envelope binaries. *C. Tappert, B. T. Gänsicke, L. Schmidtobreick, & M. R. Schreiber*, 289
- Gänsicke, B. T.** The structure of BB Doradus in quiescence. *L. Schmidtobreick, P. Rodríguez-Gil, K. S. Long, B. T. Gänsicke, & C. Tappert*, 288
- Garay, G.** H110 α and C110 α Emission toward the Photodissociated Region in the GGD14 Complex. *S. P. Treviño-Morales, Y. Gómez, C. A. Rodríguez-Rico, G. Garay, L. F. Rodríguez, & Á. Sánchez-Monge*, 297
- Garay, G.** Observations of the photodissociated HI region that surrounds G213.880–11.837. *C. A. Rodríguez-Rico, Y. Gómez, G. Garay, C. Neria, L. F. Rodríguez, V. Escalante, S. Lizano, & M. Lebrón*, 181
- García, G.** The Physical Basis of the Spectral Classification of A, F and G Stars. *G. Dalle Mese, O. López-Cruz, W. Schuster, & G. García*, 271
- García-Barreto, J. A.** Fraction of Strong Barred Galaxies (SB) in the Nearby Universe, $0 \leq z \leq 0.066$, as a function of redshift. *J. A. García-Barreto*, 120
- García-Rojas, J.** Faint emission lines in planetary nebulae with a [WC] nucleus. *J. García-Rojas, M. Peña, & M. T. Ruiz*, 169
- García-Rojas, J.** Iron Depletion in Ionized Nebulae of the Large Magellanic Cloud. *G. Delgado-Inglada, M. Rodríguez, J. García-Rojas, M. Peña, & M. T. Ruiz*, 165
- Gaztañaga, E.** The angular power spectrum of dust-obscured galaxies and its impact on Sunyaev Zel'dovich studies. *A. A. Montaña, D. O. Sanchez-Argüelles, D. H. Hughes, G. W. Wilson, & E. Gaztañaga*, 19
- Geisler, D.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Geisler, D.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284
- Georgiev, L.** Can stellar rotation shape the planetary nebulae? *L. Georgiev, C. Morisset, & J. Zsargó*, 203
- Georgiev, L.** NGC 6826: a unified study of the planetary nebula and its central stars. *C. R. Fierro, A. Peimbert, L. Georgiev, C. Morisset, & A. Arrieta*, 167

- Giacani, E.** Star Formation Around the Supernova Remnant G24.7+0.6. *A. Petriella, S. Paron, & E. Giacani*, 194
- Gil, S.** Kinematical study of the planetary nebula NGC 6058. *P. F. Guillén, R. Vázquez, S. Zavala, L. F. Miranda, M. E. Contreras, S. Ayala, & S. Gil*, 191
- Girard, T.** Proper motion study of the Magellanic Clouds using SPM material. *K. Vieira et al.*, 106
- Giridhar, S.** The Globular Cluster NGC 6981: Variable stars population, physical parameters and astrometry. *R. Figueroa Jaimes, A. Arellano Ferro, D. M. Bramich, & S. Giridhar*, 235
- Girola, R.** A didactic proposal in the learning of Astronomy through paradigmatic changes. *R. Girola & M. Santos*, 315
- Gombosi, T. I.** 3D Simulations of Tilted Magnetospheres of Weak-Lined T Tauri Stars. *A. A. Vidotto, M. Opher, V. Jatenco-Pereira, & T. I. Gombosi*, 133
- Gómez, G. C.** Numerical models for the 19th century outbursts of η Carinae. *R. F. González, A. M. Villa, G. C. Gómez, E. M. de Gouveia Dal Pino, A. C. Raga, J. Cantó, P. F. Velázquez, & E. de la Fuente*, 190
- Gómez, J. F.** Searching for heavily obscured post-AGB stars and planetary nebulae II. Near-IR observations of IRAS candidates. *G. Ramos-Larios, M. A. Guerrero, L. F. Miranda, O. Suárez, & J. F. Gómez*, 197
- Gómez, Y.** Compact radio sources in the vicinity of the ultracompact HII region G78.4+2.6. *C. Neria, Y. Gómez, & L. F. Rodríguez*, 281
- Gómez, Y.** Expansion Parallax of the Planetary Nebula IC 418. *L. Guzmán-Ramírez, L. Loinard, Y. Gómez, & C. Morisset*, 241
- Gómez, Y.** H110 α and C110 α Emission toward the Photodissociated Region in the GGD14 Complex. *S. P. Treviño-Morales, Y. Gómez, C. A. Rodríguez-Rico, G. Garay, L. F. Rodríguez, & Á. Sánchez-Monge*, 297
- Gómez, Y.** Observations of the photodissociated HI region that surrounds G213.880–11.837. *C. A. Rodríguez-Rico, Y. Gómez, G. Garay, C. Neria, L. F. Rodríguez, V. Escalante, S. Lizano, & M. Lebrón*, 181
- Gómez-González, V. M. A.** Morphological Filtering of Astronomical Images in Matlab. *E. Ibarra-Medel & V. M. A. Gómez-González*, 122
- González, I.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- González, J. J.** Chemical abundances of dwarf spiral galaxies. *A. M. Hidalgo-Gómez, A. Moranchel-Basurto, & J. J. González*, 60
- González, M. M.** GRB 980923, a burst with a hard spectrum in energies from KeV to MeV. *J. R. Sacahui, M. M. González, J. L. Ramirez, & Y. Kaneko*, 157
- González, M. M.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- González, M. M.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- González, M. M.** The High Altitude Gamma Ray Observatory, HAWC. *M. M. González for the HAWC Collaboration*, 141
- González, R. F.** Numerical models for the 19th century outbursts of η Carinae. *R. F. González, A. M. Villa, G. C. Gómez, E. M. de Gouveia Dal Pino, A. C. Raga, J. Cantó, P. F. Velázquez, & E. de la Fuente*, 190
- González, R. F.** Thermal Radio Emission from Radiative Shocks in Colliding Wind Binaries. *G. Montes, R. F. González, J. Cantó, M. A. Pérez-Torres, & A. Alberdi*, 247
- González-Lópezlira, R. A.** High-redshift objects in dust environments. *E. E. Martínez-García, G. Bruzual, G. Magris, R. A. González-Lópezlira, & M. Rosado*, 70
- González-Morales, A. X.** The mass power spectrum at sub-galactic scales as a constraint to dark matter properties. *A. X. González-Morales, O. Valenzuela, & L. Aguilar*, 15
- Gregorio-Hetem, J.** Mixing of stellar clusters in Canis Major R1. *J. Gregorio-Hetem & T. Montmerle*, 274
- Grosso, M.** Statistical Study of Axial Rotation in A Type Stars with New Determination of $v \sin i$. *M. Grosso & H. Levato*, 275
- Guerrero, C. A.** $uvby - \beta$ Photoelectric Photometry of the Open Clusters NGC 1647 and NGC 1778. *C. A. Guerrero, J. H. Peña, & J. P. Sareyan*, 276
- Guerrero, M. A.** Searching for heavily obscured post-AGB stars and planetary nebulae II. Near-IR observations of IRAS candidates. *G. Ramos-Larios, M. A. Guerrero, L. F. Miranda, O. Suárez, & J. F. Gómez*, 197
- Guillén, P. F.** Kinematical study of the planetary nebula NGC 6058. *P. F. Guillén, R. Vázquez, S. Zavala, L. F. Miranda, M. E. Contreras, S. Ayala, & S. Gil*, 191
- Gutermuth, R.** Census of protoplanetary disks in young stellar regions. *J. Hernandez, N. Calvet, L. Hartmann, C. Briceño, A. K. Vivas, J. Muzerolle, R. Gutermuth, & J. Stauffer*, 243
- Gutiérrez, L.** The HII regions of M51 and NGC 4449. Behavior of the mean electron density. *L. Gutiérrez & J. E. Beckman*, 192
- Guzmán-Ramírez, L.** Expansion Parallax of the Planetary Nebula IC 418. *L. Guzmán-Ramírez, L. Loinard, Y. Gómez, & C. Morisset*, 241
- Hammer, F.** The Evolution of the Observed Hubble Sequence over the past 6Gyr. *R. Delgado-Serrano, F. Hammer, Y. B. Yang, M. Puech, H. Flores, & M. Rodrigues*, 52
- Hartmann, L.** Census of protoplanetary disks in young stellar regions. *J. Hernandez, N. Calvet, L. Hartmann, C. Briceño, A. K. Vivas, J. Muzerolle, R. Gutermuth, & J. Stauffer*, 243

- Hartmann, L.** The formation and early evolution of brown dwarfs viewed through the Orion dispersed populations. *J. J. Downes, C. Briceño, C. Mateu, J. Hernández, N. Calvet, & L. Hartmann*, 217
- Heidt, J.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- Heidt, J.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- Hempel, M.** VISTA Variables in the Vía Láctea (VVV): first results and perspectives. *R. K. Saito et al.*, 221
- Hempel, M.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Henney, W. J.** Preface. *W. J. Henney & S. Torres-Peimbert*, xv
- Hernández, F.** Detecting Stellar Streams in the Galactic Halo with a Modified GC3 Method. *C. Mateu, G. Bruzual, L. Aguilar, A. Brown, O. Valenzuela, L. Carigi, F. Hernández, & H. Velázquez*, 280
- Hernández, F. C.** A Stellar Population Synthesis Model that Includes Binary Interaction. *F. C. Hernández & G. Bruzual*, 277
- Hernandez, J.** Census of protoplanetary disks in young stellar regions. *J. Hernandez, N. Calvet, L. Hartmann, C. Briceño, A. K. Vivas, J. Muzerolle, R. Gutermuth, & J. Stauffer*, 243
- Hernández, J.** The CIDA-VISTA Survey in Orion OBL. *C. Briceño, C. Mateu, J. J. Downes, A. K. Vivas, J. Hernández, & N. Calvet*, 225
- Hernández, J.** The formation and early evolution of brown dwarfs viewed through the Orion dispersed populations. *J. J. Downes, C. Briceño, C. Mateu, J. Hernández, N. Calvet, & L. Hartmann*, 217
- Hernández-Águila, J. B.** Line-Depth Indices and Atmospheric Parameters of Solar-like Stars in M67. *M. Chávez, C. Tapia-Schiavon, E. Bertone, J. B. Hernández-Águila, J. R. Valdés, & V. Chavushyan*, 114
- Hernández-Gómez, A.** Analysis of Tidal Forces in Asynchronous Binary Systems: X-Ray effects. *A. Hernández-Gómez, J. A. Juárez, G. Koenigsberger, & E. Moreno*, 278
- Hernández-Ibarra, F. J.** Induced Nuclear Activity in Galaxy Pairs. *F. J. Hernández-Ibarra, D. Dultzin, Y. Krongold, A. Del Olmo, & J. Perea*, 58
- Hernández-López, I.** Properties of bars in spiral galaxies from COSMOS. *I. Hernández-López, E. Recillas, R. Mújica-García, & E. Athanassoula*, 121
- Hernández-Martínez, L.** PNe as observational constraints in chemical evolution models for NGC 6822. *L. Hernández-Martínez, L. Carigi, M. Peña, & M. Peimbert*, 171
- Hernández-Martínez, L.** Planetary Nebulae in NGC 300: The PNLf. *J. Reyes-Pérez, M. Pérez-Guillén, M. Peña, & L. Hernández-Martínez*, 200
- Hernández-Toledo, H. M.** Bar detection in Isolated and Pairs of Galaxies. *H. Méndez-Hernández, A. M. Magaña, H. M. Hernández-Toledo, & O. Valenzuela*, 78
- Herrera, G.** CCD Photometry of M15. *A. Ruelas, L. J. Sánchez, G. Herrera, & A. Nigoche-Netro*, 287
- Herrera-Martínez, G.** Testing the Bragg cell of an acousto-optical spectrometer for radio astronomy. *G. Herrera-Martínez, A. Luna, L. Carrasco, & A. Shcherbakov*, 305
- Hetem, A.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- Hidalgo-Gómez, A. M.** Chemical abundances of dwarf spiral galaxies. *A. M. Hidalgo-Gómez, A. Moranchel-Basurto, & J. J. González*, 60
- Hiriart, D.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- Hiriart, D.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- Ho, P. T. P.** On the Formation of the Most Massive Stars in the Galaxy. *R. Galván-Madrid, Q. Zhang, E. R. Keto, L. F. Rodríguez, & P. T. P. Ho*, 239
- Huerta, E. M.** NGC 3516: Spectral features and their relation with X-ray variability in time. *E. M. Huerta, Y. Krongold, & E. Jiménez-Bailón*, 62
- Hughes, D. H.** Identification of high-*z* galaxies through submillimetre drop-outs. *E. Aguilar, I. Aretxaga, D. H. Hughes, G. Wilson, K. S. Scott, & AzTEC/ASTE Team*, 110
- Hughes, D. H.** Studying the properties of massive galaxies in protoclusters using millimetre-wavelength observations. *M. Zeballos, D. H. Hughes, I. Aretxaga, & G. Wilson*, 108
- Hughes, D. H.** The angular power spectrum of dust-obscured galaxies and its impact on Sunyaev Zel'dovich studies. *A. A. Montaña, D. O. Sanchez-Argüelles, D. H. Hughes, G. W. Wilson, & E. Gaztañaga*, 19
- Hughes, J. P.** Measuring the magnetic field in SN 1006. *E. M. Reynoso, J. P. Hughes, & D. A. Moffett*, 201
- Ibáñez, M. H.** Heating of a Recombining Plasma by Bulk Viscosity Dissipation of Sound Waves. *M. H. Ibáñez & S. M. Conde*, 188
- Ibarra-Medel, E.** Morphological Filtering of Astronomical Images in Matlab. *E. Ibarra-Medel & V. M. A. Gómez-González*, 122
- Ibarra-Medel, H. J.** The Universality of the Fundamental Plane for Galaxies and Galaxy Systems: M/L. *H. J. Ibarra-Medel & O. López-Cruz*, 64
- Iliev, I. T.** The Euler Characteristic as a Measure of the Topology of Cosmic Reionization. *M. M. Friedrich, G. Mellema, M. A. Alvarez, P. R. Shapiro, & I. T. Iliev*, 13

- Islas-Islas, J. M.** Low Luminosity AGN candidates in SDSS. *J. P. Torres-Papaqui, R. Coziol, J. M. Islas-Islas, R. A. Ortega-Minakata, & D. M. Neri-Larios*, 100
- Islas-Islas, J. M.** Relation between activity, morphology and environment for a large sample of SDSS galaxies. *R. A. Ortega-Minakata, J. P. Torres-Papaqui, H. Andernach, J. M. Islas-Islas, & D. M. Neri-Larios*, 127
- Islas-Islas, J. M.** The detection of extreme Low-Luminosity AGNs. *D. M. Neri-Larios, J. P. Torres-Papaqui, R. Coziol, J. M. Islas-Islas, & R. A. Ortega-Minakata*, 80
- Ivanov, V.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Ivanov, V. D.** High cadence NIR observations of extrasolar planets. *C. Caceres, V. D. Ivanov, D. Minniti, D. Naef, C. Melo, F. Selman, E. Mason, & G. Pietrzynski*, 291
- Ivanov, V. D.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284
- Ivezić, Ž.** Investigating the Outskirts of the Milky Way: the Pisces Overdensity. *A. K. Vivas, B. Sesar, S. Duffau, & Ž. Ivezić*, 261
- Jatenco-Pereira, V.** 3D Simulations of Tilted Magnetospheres of Weak-Lined T Tauri Stars. *A. A. Vidotto, M. Opher, V. Jatenco-Pereira, & T. I. Gombosi*, 133
- Jeyakumar, S.** Reverberation mapping of the Seyfert 1.5 galaxy H 0507+164. *S. Jeyakumar, C. S. Stalin, & R. Coziol*, 123
- Jiménez, M. Y.** Anneb: a nebular analysis software. *L. Olguín, R. Vázquez, M. E. Contreras, & M. Y. Jiménez*, 193
- Jiménez-Bailón, E.** 3D visualization of evolutionary diagrams for quasars in the parameters space 4DE1. *O. Anguiano, E. Jiménez-Bailón, D. Dultzin, A. Negrete, P. Marziani, & J. Sulentic*, 42
- Jiménez-Bailón, E.** NGC 3516: Spectral features and their relation with X-ray variability in time. *E. M. Huerta, Y. Krongold, & E. Jiménez-Bailón*, 62
- Juárez, J. A.** Analysis of Tidal Forces in Asynchronous Binary Systems: X-Ray effects. *A. Hernández-Gómez, J. A. Juárez, G. Koenigsberger, & E. Moreno*, 278
- Juárez, Y.** MIR and hard X-ray luminosities, silicate features, and SFR in AGN. *Y. Juárez, R. Maiolino, R. Mújica, & I. Cruz-González*, 124
- Kaneko, Y.** GRB 980923, a burst with a hard spectrum in energies from KeV to MeV. *J. R. Sacahui, M. M. González, J. L. Ramirez, & Y. Kaneko*, 157
- Keto, E. R.** On the Formation of the Most Massive Stars in the Galaxy. *R. Galván-Madrid, Q. Zhang, E. R. Keto, L. F. Rodríguez, & P. T. P. Ho*, 239
- Keto, E. R.** Time Variability in Simulated Ultracompact and Hypercompact H II Regions. *R. Galván-Madrid, T. Peters, E. R. Keto, M.-M. Mac Low, R. Banerjee, & R. S. Klessen*, 273
- Klessen, R. S.** Time Variability in Simulated Ultracompact and Hypercompact H II Regions. *R. Galván-Madrid, T. Peters, E. R. Keto, M.-M. Mac Low, R. Banerjee, & R. S. Klessen*, 273
- Koenigsberger, G.** Analysis of Tidal Forces in Asynchronous Binary Systems: X-Ray effects. *A. Hernández-Gómez, J. A. Juárez, G. Koenigsberger, & E. Moreno*, 278
- Koning, N.** Criss-cross mapping BD+30 3639: a new kinematic analysis technique. *W. Steffen, F. Tamayo, & N. Koning*, 202
- Korchagin, V.** Proper motion study of the Magellanic Clouds using SPM material. *K. Vieira et al.*, 106
- Kramer, M.** About pulsars dynamical evolution. *R. López-Valdivia, C. Álvarez, E. de la Fuente, D. Lorimer, & M. Kramer*, 279
- Krongold, Y.** Induced Nuclear Activity in Galaxy Pairs. *F. J. Hernández-Ibarra, D. Dultzin, Y. Krongold, A. Del Olmo, & J. Perea*, 58
- Krongold, Y.** NGC 3516: Spectral features and their relation with X-ray variability in time. *E. M. Huerta, Y. Krongold, & E. Jiménez-Bailón*, 62
- Kroupa, P.** Disruption of Dwarf Satellite Galaxies without Dark Matter. *R. A. Casas & P. Kroupa*, 48
- Kurtev, R.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Kurtev, R.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284
- Lacerna, I.** Assembly Bias: clues from a Λ CDM cosmology. *I. Lacerna & N. Padilla*, 17
- Laganá, T. F.** Spiral-arm substructures in the intracluster gas. *G. B. Lima Neto, T. F. Laganá, & F. Andrade-Santos*, 125
- Lagos, C. del P.** A Variable IMF Slope To Fit The LCDM Picture To Observed High- z Submillimeter Sources. *A. M. Muñoz, F. P. Navarrete, C. del P. Lagos, N. D. Padilla, S. A. Cora, & T. E. Tecce*, 21
- Lebrón, M.** Observations of the photodissociated HI region that surrounds G213.880–11.837. *C. A. Rodríguez-Rico, Y. Gómez, G. Garay, C. Neria, L. F. Rodríguez, V. Escalante, S. Lizano, & M. Lebrón*, 181
- Lee, W. H.** 3D Collapse and Accretion in Slowly Rotating Polytropes. *A. Batta & W. H. Lee*, 155
- Leisner, J. S.** Waves and Instabilities in the Magnetospheric Plasma of Saturn. *M. Rodríguez-Martínez, X. Blanco-Cano, C. T. Russell, J. S. Leisner, R. J. Wilson, M. K. Dougherty, & H. R. Pérez-Enríquez*, 295

- Levato, H.** Statistical Study of Axial Rotation in A Type Stars with New Determination of $v \sin i$. *M. Grosso & H. Levato*, 275
- Lima Neto, G. B.** Spiral-arm substructures in the intracluster gas. *G. B. Lima Neto, T. F. Laganá, & F. Andrade-Santos*, 125
- Limousin, M.** Strong lensing, weak lensing, and dynamics in SL2SJ02140-0535. *T. Verdugo, V. Motta, R. P. Muñoz, M. Limousin, R. Cabanac, & J. Richard*, 104
- Lipovka, A.** First Stars Formation with the Presence of a Primordial Magnetic Field. *R. Núñez-López & A. Lipovka*, 25
- Lizano, S.** Observations of the photodissociated HI region that surrounds G213.880–11.837. *C. A. Rodríguez-Rico, Y. Gómez, G. Garay, C. Neria, L. F. Rodríguez, V. Escalante, S. Lizano, & M. Lebrón*, 181
- Loinard, L.** Expansion Parallax of the Planetary Nebula IC 418. *L. Guzmán-Ramírez, L. Loinard, Y. Gómez, & C. Morisset*, 241
- Loinard, L.** The Gould's Belt distance survey. *L. Loinard, A. J. Mioduszewski, R. M. Torres, S. Dzib, L. F. Rodríguez, & A. F. Boden*, 205
- Loinard, L.** VLBA astrometry of the AeBe star EC 95 in Serpens. *S. Dzib, L. Loinard, A. J. Mioduszewski, A. F. Boden, L. F. Rodríguez, & R. M. Torres*, 231
- Londoño, S. P.** Measurement of seeing in Bogotá by Differential Images Monitoring Movement. *S. P. Londoño & G. Pinzón*, 307
- Long, K. S.** The structure of BB Doradus in quiescence. *L. Schmidtbreick, P. Rodríguez-Gil, K. S. Long, B. T. Gänsicke, & C. Tappert*, 288
- López, C.** Proper motion study of the Magellanic Clouds using SPM material. *K. Vieira et al.*, 106
- López, J. M.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- López, J. M.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- López-Cruz, O.** The Physical Basis of the Spectral Classification of A, F and G Stars. *G. Dalle Mese, O. López-Cruz, W. Schuster, & G. García*, 271
- López-Cruz, O.** The Universality of the Fundamental Plane for Galaxies and Galaxy Systems: M/L. *H. J. Ibarra-Medel & O. López-Cruz*, 64
- López-Valdivia, R.** About pulsars dynamical evolution. *R. López-Valdivia, C. Álvarez, E. de la Fuente, D. Lorimer, & M. Kramer*, 279
- Lorimer, D.** About pulsars dynamical evolution. *R. López-Valdivia, C. Álvarez, E. de la Fuente, D. Lorimer, & M. Kramer*, 279
- Lucas, P.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284
- Lucas, P. W.** VISTA Variables in the Vía Láctea (VVV): first results and perspectives. *R. K. Saito et al.*, 221
- Luna, A.** Characterizing the embedded young stellar objects in the galactic star-forming region IRAS 18236-1205. *R. Retes, A. Luna, D. Mayya, & L. Carrasco*, 249
- Luna, A.** Testing the Bragg cell of an acousto-optical spectrometer for radio astronomy. *G. Herrera-Martínez, A. Luna, L. Carrasco, & A. Shcherbakov*, 305
- Luna, A.** The molecular interstellar medium associated with the young compact stellar cluster Westerlund 1. *A. Luna, Y. D. Mayya, L. Carrasco, & L. Bronfman*, 173
- Mac Low, M.-M.** Time Variability in Simulated Ultracompact and Hypercompact H II Regions. *R. Galván-Madrid, T. Peters, E. R. Keto, M.-M. Mac Low, R. Banerjee, & R. S. Klessen*, 273
- Madeira, F.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- Magaña, A. M.** Bar detection in Isolated and Pairs of Galaxies. *H. Méndez-Hernández, A. M. Magaña, H. M. Hernández-Toledo, & O. Valenzuela*, 78
- Magris C., G.** Uncertainties in the galaxy mass and age determination from inverse population synthesis models. *G. Magris C., G. Bruzual A., & J. Mateu*, 66
- Magris, G.** High-redshift objects in dust environments. *E. E. Martínez-García, G. Bruzual, G. Magris, R. A. González-Lópezlira, & M. Rosado*, 70
- Maiolino, R.** MIR and hard X-ray luminosities, silicate features, and SFR in AGN. *Y. Juárez, R. Maiolino, R. Mújica, & I. Cruz-González*, 124
- Mampaso, A.** Search for New Planetary Nebulae with the IPHAS H α Survey. *L. Sabin, R. L. M. Corradi, A. Mampaso, & the IPHAS collaboration*, 183
- Marcon-Uchida, M. M.** Chemical evolution models for spiral disks: the Milky Way, M31 and M33. *R. D. D. Costa, M. M. Marcon-Uchida, & F. Matteucci*, 115
- Marconi, G.** BOCCE Project: The Bologna Open Cluster Chemical Evolution. *A. V. Ahumada, A. Bragaglia, M. Tosi, & G. Marconi*, 265
- Martí, J.** Analysis of the spectral energy distribution from a runaway star bow shock. *C. S. Peri, A. T. Araudo, P. Benaglia, G. E. Romero, & J. Martí*, 156
- Martí, J.** New results on the HH 80-81 jet. *C. Carrasco-González, L. F. Rodríguez, M. Osorio, G. Anglada, J. Martí, J. M. Torrelles, R. Galván-Madrid, & P. D'Alessio*, 229
- Martín, M. C.** Star Forming Regions Towards Stellar Wind Bubbles: RCW 52 and RCW 78. *C. E. Cappa, G. A. Romero, M. Rubio, & M. C. Martín*, 163
- Martínez, C. A.** Origin and evolution of the Sagittarius Dwarf galaxy using N-Body simulations. *C. A. Martínez-Barbosa & R. A. Casas*, 68

- Martínez, M.** Physical Conditions in a Sample of Seyfert and Starburst galaxies. *M. Martínez, M. Meléndez, & C. Mendoza*, 72
- Martínez-Barbosa, C. A.** Computation of initial conditions for a thin disc as an extension of Dehnen Algorithm. *J. A. Celis-Gil, C. A. Martínez-Barbosa, & R. A. Casas*, 113
- Martínez-García, E. E.** High-redshift objects in dust environments. *E. E. Martínez-García, G. Bruzual, G. Magris, R. A. González-Lópezlira, & M. Rosado*, 70
- Martínez-Palafox, E. M.** Dynamics of Black Holes Pairs in a Hierarchical Universe: The SMBHs descendants of $z = 1$ binary merging galaxies. *E. M. Martínez-Palafox & O. Valenzuela*, 74
- Marziani, P.** 3D visualization of evolutionary diagrams for quasars in the parameters space 4DE1. *O. Anguiano, E. Jiménez-Bailón, D. Dultzin, A. Negrete, P. Marziani, & J. Sulentic*, 42
- Mason, E.** High cadence NIR observations of extrasolar planets. *C. Caceres, V. D. Ivanov, D. Minniti, D. Naef, C. Melo, F. Selman, E. Mason, & G. Pietrzynski*, 291
- Masset, F.** Analysis of the evolution of traps for protoplanets considering disk photoevaporation. *R. Álvarez-Meraz, F. Masset, & A. Segura*, 293
- Mateu, C.** Detecting Stellar Streams in the Galactic Halo with a Modified GC3 Method. *C. Mateu, G. Bruzual, L. Aguilar, A. Brown, O. Valenzuela, L. Carigi, F. Hernández, & H. Velázquez*, 280
- Mateu, C.** Measuring the Galactic Thick Disk with QUEST-I RR Lyrae stars. *C. Mateu, A. K. Vivas, J. J. Downes, & C. Briceño*, 245
- Mateu, C.** The CIDA-VISTA Survey in Orion OB1. *C. Briceño, C. Mateu, J. J. Downes, A. K. Vivas, J. Hernández, & N. Calvet*, 225
- Mateu, C.** The formation and early evolution of brown dwarfs viewed through the Orion dispersed populations. *J. J. Downes, C. Briceño, C. Mateu, J. Hernández, N. Calvet, & L. Hartmann*, 217
- Mateu, J.** Uncertainties in the galaxy mass and age determination from inverse population synthesis models. *G. Magris C., G. Bruzual A., & J. Mateu*, 66
- Matteucci, F.** Chemical evolution models for spiral disks: the Milky Way, M31 and M33. *R. D. D. Costa, M. M. Marcon-Uchida, & F. Matteucci*, 115
- Mayya, D.** Characterizing the embedded young stellar objects in the galactic star-forming region IRAS 18236-1205. *R. Retes, A. Luna, D. Mayya, & L. Carrasco*, 249
- Mayya, Y. D.** GTC long-slit spectroscopy of compact stellar clusters in M81. *Y. D. Mayya, D. Rosa-González, & M. Santiago-Cortés*, 76
- Mayya, Y. D.** Structural Parameters of M81 Compact Star Clusters. *M. Santiago-Cortés, Y. D. Mayya, & D. Rosa-González*, 94
- Mayya, Y. D.** The molecular interstellar medium associated with the young compact stellar cluster Westerlund 1. *A. Luna, Y. D. Mayya, L. Carrasco, & L. Bronfman*, 173
- Meléndez, M.** Physical Conditions in a Sample of Seyfert and Starburst galaxies. *M. Martínez, M. Meléndez, & C. Mendoza*, 72
- Mellema, G.** The Euler Characteristic as a Measure of the Topology of Cosmic Reionization. *M. M. Friedrich, G. Mellema, M. A. Alvarez, P. R. Shapiro, & I. T. Iliev*, 13
- Melnick, J.** Constraining the Dark Energy Equation of State Using Alternative Cosmic Tracers. *R. Chávez, R. Terlevich, E. Terlevich, F. Bresolin, J. Melnick, M. Plionis, & S. Basilakos*, 9
- Melo, C.** High cadence NIR observations of extrasolar planets. *C. Caceres, V. D. Ivanov, D. Minniti, D. Naef, C. Melo, F. Selman, E. Mason, & G. Pietrzynski*, 291
- Mendes de Oliveira, C.** The Role of Tidal Dwarf Galaxies in Galaxy Evolution. *D. F. de Mello, C. Mendes de Oliveira, S. Torres-Flores, & F. Urrutia-Viscarra*, 54
- Méndez-Hernández, H.** Bar detection in Isolated and Pairs of Galaxies. *H. Méndez-Hernández, A. M. Magaña, H. M. Hernández-Toledo, & O. Valenzuela*, 78
- Mendoza, C.** Physical Conditions in a Sample of Seyfert and Starburst galaxies. *M. Martínez, M. Meléndez, & C. Mendoza*, 72
- Mendoza, S.** Lightcurves of HST-1 in M87. *Y. Coronado & S. Mendoza*, 50
- Merín, B.** Imaging of the dust gap into the transitional disk RXJ1633.9-2242 (Oph 32). *M. Orellana, L. A. Cieza, M. R. Schreiber, J. P. Williams, B. Merín, & G. A. Romero*, 294
- Merin, B.** Transition circumstellar disks in Lupus. *G. A. Romero, M. R. Schreiber, L. A. Cieza, A. Rebassa-Manssergas, J. P. Williams, B. Merin, A. Smith-Castelli, & M. Orellana*, 253
- Michel, R.** Asteroseismology of the Delta Scuti star V650 Tauri. *L. Fox Machado, R. Michel, M. Álvarez, J. N. Fu, & C. Zurita*, 237
- Michel, R.** Spectroscopy of BL Cam - observations. *M. Álvarez, R. Michel, L. Fox-Machado, J. P. Sareyan, S. Fauvaud, & G. Tovmassian*, 266
- Minniti, D.** High cadence NIR observations of extrasolar planets. *C. Caceres, V. D. Ivanov, D. Minniti, D. Naef, C. Melo, F. Selman, E. Mason, & G. Pietrzynski*, 291
- Minniti, D.** VISTA Variables in the Vía Láctea (VVV): first results and perspectives. *R. K. Saito et al.*, 221
- Minniti, D.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Minniti, D.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284

- Mioduszeewski, A. J.** The Gould's Belt distance survey. *L. Loinard, A. J. Mioduszeewski, R. M. Torres, S. Dzib, L. F. Rodríguez, & A. F. Boden*, 205
- Mioduszeewski, A. J.** VLBA astrometry of the AeBe star EC 95 in Serpens. *S. Dzib, L. Loinard, A. J. Mioduszeewski, A. F. Boden, L. F. Rodríguez, & R. M. Torres*, 231
- Miranda, L. F.** Kinematical study of the planetary nebula NGC 6058. *P. F. Guillén, R. Vázquez, S. Zavala, L. F. Miranda, M. E. Contreras, S. Ayala, & S. Gil*, 191
- Miranda, L. F.** Searching for heavily obscured post-AGB stars and planetary nebulae II. Near-IR observations of IRAS candidates. *G. Ramos-Larios, M. A. Guerrero, L. F. Miranda, O. Suárez, & J. F. Gómez*, 197
- Moffett, D. A.** Measuring the magnetic field in SN 1006. *E. M. Reynoso, J. P. Hughes, & D. A. Moffett*, 201
- Monet, D.** Proper motion study of the Magellanic Clouds using SPM material. *K. Vieira et al.*, 106
- Montaña, A. A.** The angular power spectrum of dust-obscured galaxies and its impact on Sunyaev Zel'dovich studies. *A. A. Montaña, D. O. Sanchez-Argüelles, D. H. Hughes, G. W. Wilson, & E. Gaztañaga*, 19
- Montes, G.** Thermal Radio Emission from Radiative Shocks in Colliding Wind Binaries. *G. Montes, R. F. González, J. Cantó, M. A. Pérez-Torres, & A. Alberdi*, 247
- Montmerle, T.** Mixing of stellar clusters in Canis Major R1. *J. Gregorio-Hetem & T. Montmerle*, 274
- Moranchel-Basurto, A.** Chemical abundances of dwarf spiral galaxies. *A. M. Hidalgo-Gómez, A. Moranchel-Basurto, & J. J. González*, 60
- Moreno, E.** Analysis of Tidal Forces in Asynchronous Binary Systems: X-Ray effects. *A. Hernández-Gómez, J. A. Juárez, G. Koenigsberger, & E. Moreno*, 278
- Morisset, C.** Can stellar rotation shape the planetary nebulae? *L. Georgiev, C. Morisset, & J. Zsargó*, 203
- Morisset, C.** Expansion Parallax of the Planetary Nebula IC 418. *L. Guzmán-Ramírez, L. Loinard, Y. Gómez, & C. Morisset*, 241
- Morisset, C.** Ionization of the diffuse gas in galaxies: Hot low-mass evolved stars at work. *N. Flores-Fajardo, C. Morisset, G. Stasińska, & L. Binette*, 118
- Morisset, C.** Mapping and modeling the properties of bipolar planetary nebulae. *D. M. Faes, R. D. D. Costa, & C. Morisset*, 233
- Morisset, C.** NGC 6826: a unified study of the planetary nebula and its central stars. *C. R. Fierro, A. Peimbert, L. Georgiev, C. Morisset, & A. Arrieta*, 167
- Motta, V.** Strong lensing, weak lensing, and dynamics in SL2S J02140-0535. *T. Verdugo, V. Motta, R. P. Muñoz, M. Limousin, R. Cabanac, & J. Richard*, 104
- Mourão, D.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- Mújica, R.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- Mújica, R.** MIR and hard X-ray luminosities, silicate features, and SFR in AGN. *Y. Juárez, R. Maiolino, R. Mújica, & I. Cruz-González*, 124
- Mújica, R.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- Mújica-García, R.** Properties of bars in spiral galaxies from COSMOS. *I. Hernández-López, E. Recillas, R. Mújica-García, & E. Athanassoula*, 121
- Muñoz, A. M.** A Variable IMF Slope To Fit The LCDM Picture To Observed High-*z* Submillimeter Sources. *A. M. Muñoz, F. P. Navarrete, C. del P. Lagos, N. D. Padilla, S. A. Cora, & T. E. Tecce*, 21
- Muñoz, R. P.** Strong lensing, weak lensing, and dynamics in SL2S J02140-0535. *T. Verdugo, V. Motta, R. P. Muñoz, M. Limousin, R. Cabanac, & J. Richard*, 104
- Muñoz-Gutiérrez, M. A.** The Cosmic Star Formation History. *M. A. Muñoz-Gutiérrez & V. Avila-Reese*, 23
- Muzerolle, J.** Census of protoplanetary disks in young stellar regions. *J. Hernandez, N. Calvet, L. Hartmann, C. Briceño, A. K. Vivas, J. Muzerolle, R. Gutermuth, & J. Stauffer*, 243
- Naef, D.** High cadence NIR observations of extrasolar planets. *C. Caceres, V. D. Ivanov, D. Minniti, D. Naef, C. Melo, F. Selman, E. Mason, & G. Pietrzynski*, 291
- Navarrete, F. P.** A Variable IMF Slope To Fit The LCDM Picture To Observed High-*z* Submillimeter Sources. *A. M. Muñoz, F. P. Navarrete, C. del P. Lagos, N. D. Padilla, S. A. Cora, & T. E. Tecce*, 21
- Negrete, A.** 3D visualization of evolutionary diagrams for quasars in the parameters space 4DE1. *O. Anguiano, E. Jiménez-Bailón, D. Dultzin, A. Negrete, P. Marziani, & J. Sulentic*, 42
- Neri-Larios, D. M.** Low Luminosity AGN candidates in SDSS. *J. P. Torres-Papaqui, R. Coziol, J. M. Islas-Islas, R. A. Ortega-Minakata, & D. M. Neri-Larios*, 100
- Neri-Larios, D. M.** Relation between activity, morphology and environment for a large sample of SDSS galaxies. *R. A. Ortega-Minakata, J. P. Torres-Papaqui, H. Andernach, J. M. Islas-Islas, & D. M. Neri-Larios*, 127
- Neri-Larios, D. M.** The detection of extreme Low-Luminosity AGNs. *D. M. Neri-Larios, J. P. Torres-Papaqui, R. Coziol, J. M. Islas-Islas, & R. A. Ortega-Minakata*, 80

- Neria, C.** Compact radio sources in the vicinity of the ultracompact HII region G78.4+2.6. *C. Neria, Y. Gómez, & L. F. Rodríguez*, 281
- Neria, C.** Observations of the photodissociated HI region that surrounds G213.880–11.837. *C. A. Rodríguez-Rico, Y. Gómez, G. Garay, C. Neria, L. F. Rodríguez, V. Escalante, S. Lizano, & M. Lebrón*, 181
- Nigoche-Netro, A.** CCD Photometry of M15. *A. Ruelas, L. J. Sánchez, G. Herrera, & A. Nigoche-Netro*, 287
- Nigoche-Netro, A.** Diffracto-Astrometry of The Orion Trapezium. *J. Olivares, L. J. Sánchez, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 282
- Nigoche-Netro, A.** The Dependence of the Faber-Jackson relation on the magnitude range. *A. Nigoche-Netro, A. Ruelas, & L. J. Sánchez*, 126
- Nigoche-Netro, A.** The Techniques of Diffracto-Astrometry applied to Hubble Space Telescope and Adaptive Optics Images. *L. J. Sánchez, J. Olivares, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 308
- Nilsson, K.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- Nilsson, K.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- Núñez-López, R.** First Stars Formation with the Presence of a Primordial Magnetic Field. *R. Núñez-López & A. Lipovka*, 25
- Olguín, L.** Anneb: a nebular analysis software. *L. Olguín, R. Vázquez, M. E. Contreras, & M. Y. Jiménez*, 193
- Olguín, L.** Photometric Search for Accretion Disks in Young Clusters: NGC 2414. *M. E. Contreras, B. Pérez-Rendón, L. Olguín, & J. C. Saucedo*, 270
- Olguín, L.** Star formation in unperturbed LIRGs. *I. Fuentes-Carrera et al.*, 119
- Olivares, J.** Diffracto-Astrometry of The Orion Trapezium. *J. Olivares, L. J. Sánchez, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 282
- Olivares, J.** The Techniques of Diffracto-Astrometry applied to Hubble Space Telescope and Adaptive Optics Images. *L. J. Sánchez, J. Olivares, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 308
- Opher, M.** 3D Simulations of Tilted Magnetospheres of Weak-Lined T Tauri Stars. *A. A. Vidotto, M. Opher, V. Jatenco-Pereira, & T. I. Gombosi*, 133
- Orellana, M.** Imaging of the dust gap into the transitional disk RXJ1633.9-2242 (Oph 32). *M. Orellana, L. A. Cieza, M. R. Schreiber, J. P. Williams, B. Merín, & G. A. Romero*, 294
- Orellana, M.** Studying microquasars at high-energies. *M. Orellana*, 145
- Orellana, M.** Transition circumstellar disks in Lupus. *G. A. Romero, M. R. Schreiber, L. A. Cieza, A. Rebassa-Manssergas, J. P. Williams, B. Merín, A. Smith-Castelli, & M. Orellana*, 253
- Orellana, R. B.** Numerical simulations of open clusters. *R. B. Orellana & D. D. Carpintero*, 283
- Ortega, M.** Induced star formation in the HII region Sh2-54. *J. Vazquez, C. E. Cappa, S. Cichowolski, M. Ortega, G. Romero, & M. Rubio*, 259
- Ortega-Minakata, R. A.** Low Luminosity AGN candidates in SDSS. *J. P. Torres-Papaqui, R. Coziol, J. M. Islas-Islas, R. A. Ortega-Minakata, & D. M. Neri-Larios*, 100
- Ortega-Minakata, R. A.** Relation between activity, morphology and environment for a large sample of SDSS galaxies. *R. A. Ortega-Minakata, J. P. Torres-Papaqui, H. Andernach, J. M. Islas-Islas, & D. M. Neri-Larios*, 127
- Ortega-Minakata, R. A.** The detection of extreme Low-Luminosity AGNs. *D. M. Neri-Larios, J. P. Torres-Papaqui, R. Coziol, J. M. Islas-Islas, & R. A. Ortega-Minakata*, 80
- Osorio, M.** New results on the HH 80-81 jet. *C. Carrasco-González, L. F. Rodríguez, M. Osorio, G. Anglada, J. Martí, J. M. Torrelles, R. Galván-Madrid, & P. D'Alessio*, 229
- Padilla, N.** Assembly Bias: clues from a Λ CDM cosmology. *I. Lacerna & N. Padilla*, 17
- Padilla, N. D.** A Variable IMF Slope To Fit The LCDM Picture To Observed High- z Submillimeter Sources. *A. M. Muñoz, F. P. Navarrete, C. del P. Lagos, N. D. Padilla, S. A. Cora, & T. E. Tecce*, 21
- Padilla, N. D.** The assembly of early-type galaxies: combining clustering and luminosity function measurements. *N. D. Padilla*, 1
- Page, D.** Growing Magnetic Fields in Central Compact Objects. *C. G. Bernal & D. Page*, 149
- Paron, S.** Star Formation Around the Supernova Remnant G24.7+0.6. *A. Petriella, S. Paron, & E. Giacani*, 194
- Parrao, L.** “Mirando al Cielo”, Organization of Public Events for Sky Observations. *L. Parrao*, 316
- Pedrosa, S. E.** Chemical and morphological analysis of simulated galaxies. *S. E. Pedrosa, P. B. Tissera, & M. E. De Rossi*, 128
- Pedrosa, S. E.** Effects of galaxy formation on Dark Matter Haloes. *S. E. Pedrosa, P. B. Tissera, & C. Scannapieco*, 82
- Pedrosa, S. E.** Supernova Feedback and the Bend of the Tully-Fisher Relation. *M. E. De Rossi, P. B. Tissera, & S. E. Pedrosa*, 56
- Peimbert, A.** NGC 456 and the Universe's Underestimated Metallicity. *M. A. Peña-Guerrero & A. Peimbert*, 175

- Peimbert, A.** NGC 6826: a unified study of the planetary nebula and its central stars. *C. R. Fierro, A. Peimbert, L. Georgiev, C. Morisset, & A. Arrieta*, 167
- Peimbert, M.** PNe as observational constraints in chemical evolution models for NGC 6822. *L. Hernández-Martínez, L. Carigi, M. Peña, & M. Peimbert*, 171
- Peimbert, M.** Solar origins: Place and Chemical Composition. *L. Carigi & M. Peimbert*, 46
- Peña, J. H.** *uvby* - β Photoelectric Photometry of the Open Clusters NGC 1647 and NGC 1778. *C. A. Guerrero, J. H. Peña, & J. P. Sareyan*, 276
- Peña, M.** Chemical Abundances in PNe in the spiral NGC 300. *M. Peña, G. Stasińska, F. Bresolin, & Y. Tsamis*, 177
- Peña, M.** Faint emission lines in planetary nebulae with a [WC] nucleus. *J. García-Rojas, M. Peña, & M. T. Ruiz*, 169
- Peña, M.** Iron Depletion in Ionized Nebulae of the Large Magellanic Cloud. *G. Delgado-Inglada, M. Rodríguez, J. García-Rojas, M. Peña, & M. T. Ruiz*, 165
- Peña, M.** PNe as observational constraints in chemical evolution models for NGC 6822. *L. Hernández-Martínez, L. Carigi, M. Peña, & M. Peimbert*, 171
- Peña, M.** Planetary Nebulae in NGC 300: The PNLF. *J. Reyes-Pérez, M. Pérez-Guillén, M. Peña, & L. Hernández-Martínez*, 200
- Peña, M.** Radial velocities and kinematical behavior of PNe with [WC] nuclei. *J. S. Rechy-García & M. Peña*, 198
- Peña-Guerrero, M. A.** NGC 456 and the Universe's Underestimated Metallicity. *M. A. Peña-Guerrero & A. Peimbert*, 175
- Peñaloza, F.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Peñaloza, F.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284
- Penteado, P. F.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- Perea, J.** Induced Nuclear Activity in Galaxy Pairs. *F. J. Hernández-Ibarra, D. Dultzin, Y. Krongold, A. Del Olmo, & J. Perea*, 58
- Perez Bergliaffa, S. E.** Nonsingular Cosmological Models. *S. E. Perez Bergliaffa*, 5
- Pérez-Enríquez, H. R.** Waves and Instabilities in the Magnetospheric Plasma of Saturn. *M. Rodríguez-Martínez, X. Blanco-Cano, C. T. Russell, J. S. Leisner, R. J. Wilson, M. K. Dougherty, & H. R. Pérez-Enríquez*, 295
- Pérez-Guillén, M.** Planetary Nebulae in NGC 300: The PNLF. *J. Reyes-Pérez, M. Pérez-Guillén, M. Peña, & L. Hernández-Martínez*, 200
- Pérez-Rendón, B.** Photometric Search for Accretion Disks in Young Clusters: NGC 2414. *M. E. Contreras, B. Pérez-Rendón, L. Olguín, & J. C. Saucedo*, 270
- Pérez-Torres, M. A.** EVN Observations: Unveiling the Heart of LIRGs and ULIRGs. *C. Romero-Cañizales, M. A. Pérez-Torres, & A. Alberdi*, 90
- Pérez-Torres, M. A.** Thermal Radio Emission from Radiative Shocks in Colliding Wind Binaries. *G. Montes, R. F. González, J. Cantó, M. A. Pérez-Torres, & A. Alberdi*, 247
- Peri, C. S.** Analysis of the spectral energy distribution from a runaway star bow shock. *C. S. Peri, A. T. Araudo, P. Benaglia, G. E. Romero, & J. Martí*, 156
- Persi, P.** Embedded young stars in northern NGC 3372. *M. Tapia, M. Roth, & P. Persi*, 255
- Peters, T.** Time Variability in Simulated Ultracompact and Hypercompact H II Regions. *R. Galván-Madrid, T. Peters, E. R. Keto, M.-M. Mac Low, R. Banerjee, & R. S. Klessen*, 273
- Petriella, A.** Star Formation Around the Supernova Remnant G24.7+0.6. *A. Petriella, S. Paron, & E. Giacani*, 194
- Phillips, J. P.** Mapping and Spectroscopy of Planetary Nebulae in the Mid-Infrared. *G. Ramos-Larios, J. P. Phillips, & J. A. Quino-Mendoza*, 195
- Piatti, A. E.** A new open cluster binary system in the Milky Way. *A. E. Piatti, J. J. Clariá, & A. V. Ahumada*, 286
- Piatti, A. E.** EFOSC2/NTT integrated spectroscopy of ten Magellanic Clouds' stellar clusters. *A. V. Ahumada, A. Benítez Llambay, J. F. C. Santos, Jr., J. J. Clariá, E. Bica, & A. E. Piatti*, 264
- Piatti, A. E.** First photometric analysis of six open cluster candidates. *A. E. Piatti, J. J. Clariá, & A. V. Ahumada*, 285
- Pichara, K.** The VVV Templates Project Towards Automated Classification of VVV Light Curves. *M. Catelan, R. Angeloni, I. Dékány, K. Pichara, S. Eyheramendy, & J. Borissova*, 269
- Pichardo, B.** A possible local diagnostic for the Milky Way dark matter halo triaxiality. *A. Rojas-Niño, O. Valenzuela, & B. Pichardo*, 88
- Pichardo, B.** Modelling the inner parts of the Milky Way using invariant manifolds. *M. Romero-Gomez, E. Athanassoula, T. Antoja, F. Figueras, O. Valenzuela, & B. Pichardo*, 92
- Pietrzynski, G.** High cadence NIR observations of extrasolar planets. *C. Caceres, V. D. Ivanov, D. Minniti, D. Naef, C. Melo, F. Selmán, E. Mason, & G. Pietrzynski*, 291
- Pinzón, G.** Measurement of seeing in Bogotá by Differential Images Monitoring Movement. *S. P. Londoño & G. Pinzón*, 307
- Platais, I.** Proper motion study of the Magellanic Clouds using SPM material. *K. Vieira et al.*, 106
- Plionis, M.** Constraining the Dark Energy Equation of State Using Alternative Cosmic Tracers.

- R. Chávez, R. Terlevich, E. Terlevich, F. Bresolin, J. Melnick, M. Plionis, & S. Basilakos*, 9
- Poveda, A.** Diffracto-Astrometry of The Orion Trapezium. *J. Olivares, L. J. Sánchez, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 282
- Poveda, A.** The Techniques of Diffracto-Astrometry applied to Hubble Space Telescope and Adaptive Optics Images. *L. J. Sánchez, J. Olivares, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 308
- Puech, M.** The Evolution of the Observed Hubble Sequence over the past 6Gyr. *R. Delgado-Serrano, F. Hammer, Y. B. Yang, M. Puech, H. Flores, & M. Rodrigues*, 52
- Quino-Mendoza, J. A.** Mapping and Spectroscopy of Planetary Nebulae in the Mid-Infrared. *G. Ramos-Larios, J. P. Phillips, & J. A. Quino-Mendoza*, 195
- Raga, A. C.** Mass and metal ejection efficiency in disk galaxies driven by young stellar clusters of nuclear starburst. *A. Rodríguez-González, A. Esquivel, A. C. Raga, & P. Colín*, 86
- Raga, A. C.** Numerical models for the 19th century outbursts of η Carinae. *R. F. González, A. M. Villa, G. C. Gómez, E. M. de Gouveia Dal Pino, A. C. Raga, J. Cantó, P. F. Velázquez, & E. de la Fuente*, 190
- Ramirez, J. L.** GRB 980923, a burst with a hard spectrum in energies from KeV to MeV. *J. R. Sacahui, M. M. González, J. L. Ramirez, & Y. Kaneko*, 157
- Ramos-Larios, G.** Mapping and Spectroscopy of Planetary Nebulae in the Mid-Infrared. *G. Ramos-Larios, J. P. Phillips, & J. A. Quino-Mendoza*, 195
- Ramos-Larios, G.** Observing faint nebulae and halos with small telescopes. *G. Ramos-Larios*, 196
- Ramos-Larios, G.** Searching for heavily obscured post-AGB stars and planetary nebulae II. Near-IR observations of IRAS candidates. *G. Ramos-Larios, M. A. Guerrero, L. F. Miranda, O. Suárez, & J. F. Gómez*, 197
- Rebassa-Manssergas, A.** Transition circumstellar disks in Lupus. *G. A. Romero, M. R. Schreiber, L. A. Cieza, A. Rebassa-Manssergas, J. P. Williams, B. Merin, A. Smith-Castelli, & M. Orellana*, 253
- Rechy-García, J. S.** Radial velocities and kinematical behavior of PNe with [WC] nuclei. *J. S. Rechy-García & M. Peña*, 198
- Recillas, E.** Properties of bars in spiral galaxies from COSMOS. *I. Hernández-López, E. Recillas, R. Mújica-García, & E. Athanassoula*, 121
- Rêgo, I. S.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- Repetto, P.** Star formation in unperturbed LIRGs. *I. Fuentes-Carrera et al.*, 119
- Retes, R.** Characterizing the embedded young stellar objects in the galactic star-forming region IRAS 18236-1205. *R. Retes, A. Luna, D. Mayya, & L. Carrasco*, 249
- Reyes-Iturbide, J.** Diffuse X-ray emission from the superbubble N70. *J. Reyes-Iturbide, M. Rosado, A. Rodríguez-González, P. F. Velázquez, & P. Ambrocio-Cruz*, 199
- Reyes-Pérez, J.** Planetary Nebulae in NGC 300: The PNLf. *J. Reyes-Pérez, M. Pérez-Guillén, M. Peña, & L. Hernández-Martínez*, 200
- Reyes-Ruiz, M.** Interspecies Momentum transport in Collisionless Plasmas due to the two stream instability. *D. M. Trejo & M. Reyes-Ruiz*, 132
- Reynoso, E. M.** Measuring the magnetic field in SN 1006. *E. M. Reynoso, J. P. Hughes, & D. A. Moffett*, 201
- Richard, J.** Strong lensing, weak lensing, and dynamics in SL2S J02140-0535. *T. Verdugo, V. Motta, R. P. Muñoz, M. Limousin, R. Cabanac, & J. Richard*, 104
- Richer, M. G.** Several Ways to Brightness. *M. G. Richer*, 251
- Robles-Valdez F.** Chemical Evolution Model of M33. *F. Robles-Valdez & L. Carigi*, 129
- Roca-Fàbrega, S.** Kinematic structures in galactic disc simulations. *S. Roca-Fàbrega, M. Romero-Gómez, F. Figueras, T. Antoja, & O. Valenzuela*, 130
- Rodrigues, M.** The Evolution of the Observed Hubble Sequence over the past 6Gyr. *R. Delgado-Serrano, F. Hammer, Y. B. Yang, M. Puech, H. Flores, & M. Rodrigues*, 52
- Rodríguez, L. F.** Compact radio sources in the vicinity of the ultracompact HII region G78.4+2.6. *C. Neria, Y. Gómez, & L. F. Rodríguez*, 281
- Rodríguez, L. F.** H110 α and C110 α Emission toward the Photodissociated Region in the GGD14 Complex. *S. P. Treviño-Morales, Y. Gómez, C. A. Rodríguez-Rico, G. Garay, L. F. Rodríguez, & Á. Sánchez-Monge*, 297
- Rodríguez, L. F.** New results on the HH 80-81 jet. *C. Carrasco-González, L. F. Rodríguez, M. Osorio, G. Anglada, J. Martí, J. M. Torrelles, R. Galván-Madrid, & P. D'Alessio*, 229
- Rodríguez, L. F.** Observations of the photodissociated HI region that surrounds G213.880-11.837. *C. A. Rodríguez-Rico, Y. Gómez, G. Garay, C. Neria, L. F. Rodríguez, V. Escalante, S. Lizano, & M. Lebrón*, 181
- Rodríguez, L. F.** On the Formation of the Most Massive Stars in the Galaxy. *R. Galván-Madrid, Q. Zhang, E. R. Keto, L. F. Rodríguez, & P. T. P. Ho*, 239
- Rodríguez, L. F.** The Gould's Belt distance survey. *L. Loinard, A. J. Mioduszewski, R. M. Torres, S. Dzib, L. F. Rodríguez, & A. F. Boden*, 205

- Rodríguez, L. F.** VLBA astrometry of the AeBe star EC 95 in Serpens. *S. Dzib, L. Loinard, A. J. Mioduszewski, A. F. Boden, L. F. Rodríguez, & R. M. Torres*, 231
- Rodríguez, M.** An Overabundance of Oxygen in Planetary Nebulae of the Solar Neighborhood. *M. Rodríguez & G. Delgado-Inglada*, 179
- Rodríguez, M.** Iron Depletion in Ionized Nebulae of the Large Magellanic Cloud. *G. Delgado-Inglada, M. Rodríguez, J. García-Rojas, M. Peña, & M. T. Ruiz*, 165
- Rodríguez-Gil, P.** The structure of BB Doradus in quiescence. *L. Schmidtbreick, P. Rodríguez-Gil, K. S. Long, B. T. Gänsicke, & C. Tappert*, 288
- Rodríguez-González, A.** Diffuse X-ray emission from the superbubble N70. *J. Reyes-Iturbide, M. Rosado, A. Rodríguez-González, P. F. Velázquez, & P. Ambrocio-Cruz*, 199
- Rodríguez-González, A.** Mass and metal ejection efficiency in disk galaxies driven by young stellar clusters of nuclear starburst. *A. Rodríguez-González, A. Esquivel, A. C. Raga, & P. Colín*, 86
- Rodríguez-Martínez, M.** Waves and Instabilities in the Magnetospheric Plasma of Saturn. *M. Rodríguez-Martínez, X. Blanco-Cano, C. T. Russell, J. S. Leisner, R. J. Wilson, M. K. Dougherty, & H. R. Pérez-Enríquez*, 295
- Rodríguez-Puebla, A.** Seeding the local disk galaxy population. *A. Rodríguez-Puebla, V. Avila-Reese, C. Firmani, & P. Colín*, 84
- Rodríguez-Rico, C. A.** H110 α and C110 α Emission toward the Photodissociated Region in the GGD14 Complex. *S. P. Treviño-Morales, Y. Gómez, C. A. Rodríguez-Rico, G. Garay, L. F. Rodríguez, & Á. Sánchez-Monge*, 297
- Rodríguez-Rico, C. A.** Observations of the photodissociated HI region that surrounds G213.880–11.837. *C. A. Rodríguez-Rico, Y. Gómez, G. Garay, C. Neria, L. F. Rodríguez, V. Escalante, S. Lizano, & M. Lebrón*, 181
- Rojas-Niño, A.** A possible local diagnostic for the Milky Way dark matter halo triaxiality. *A. Rojas-Niño, O. Valenzuela, & B. Pichardo*, 88
- Romero, G.** Induced star formation in the HII region Sh2-54. *J. Vasquez, C. E. Cappa, S. Cichowski, M. Ortega, G. Romero, & M. Rubio*, 259
- Romero, G. A.** Imaging of the dust gap into the transitional disk RXJ1633.9-2242 (Oph 32). *M. Orellana, L. A. Cieza, M. R. Schreiber, J. P. Williams, B. Merín, & G. A. Romero*, 294
- Romero, G. A.** Star Forming Regions Towards Stellar Wind Bubbles: RCW 52 and RCW 78. *C. E. Cappa, G. A. Romero, M. Rubio, & M. C. Martín*, 163
- Romero, G. A.** Transition circumstellar disks in Lupus. *G. A. Romero, M. R. Schreiber, L. A. Cieza, A. Rebassa-Manssergas, J. P. Williams, B. Merín, A. Smith-Castelli, & M. Orellana*, 253
- Romero, G. E.** Can T Tauri stars produce high-energy radiation? *M. V. del Valle & G. E. Romero*, 151
- Romero, G. E.** Analysis of the spectral energy distribution from a runaway star bow shock. *C. S. Peri, A. T. Araudo, P. Benaglia, G. E. Romero, & J. Martí*, 156
- Romero, G. E.** Flares from galactic black holes. *F. L. Vieyro & G. E. Romero*, 153
- Romero-Cañizales, C.** EVN Observations: Unveiling the Heart of LIRGs and ULIRGs. *C. Romero-Cañizales, M. A. Pérez-Torres, & A. Alberdi*, 90
- Romero-Gómez, M.** Kinematic structures in galactic disc simulations. *S. Roca-Fàbrega, M. Romero-Gómez, F. Figueras, T. Antoja, & O. Valenzuela*, 130
- Romero-Gomez, M.** Modelling the inner parts of the Milky Way using invariant manifolds. *M. Romero-Gomez, E. Athanassoula, T. Antoja, F. Figueras, O. Valenzuela, & B. Pichardo*, 92
- Rosa-González, D.** GTC long-slit spectroscopy of compact stellar clusters in M81. *Y. D. Mayya, D. Rosa-González, & M. Santiago-Cortés*, 76
- Rosa-González, D.** H α and [OIII] emission line maps of Mrk 1318 and Tol 1358-328. Characterising the star formation in HII galaxies. *A. Torres-Campos, D. Rosa-González, E. Terlevich, E. Telles, R. Terlevich, & H. R. Schmitt*, 102
- Rosa-González, D.** Structural Parameters of M81 Compact Star Clusters. *M. Santiago-Cortés, Y. D. Mayya, & D. Rosa-González*, 94
- Rosado, M.** Diffuse X-ray emission from the superbubble N70. *J. Reyes-Iturbide, M. Rosado, A. Rodríguez-González, P. F. Velázquez, & P. Ambrocio-Cruz*, 199
- Rosado, M.** High-redshift objects in dust environments. *E. E. Martínez-García, G. Bruzual, G. Magris, R. A. González-Lópezlira, & M. Rosado*, 70
- Rosado, M.** Star formation in unperturbed LIRGs. *I. Fuentes-Carrera et al.*, 119
- Rosales, M.** The Large Aperture Gamma Ray Observatory as an Observational Alternative at High Altitude. *M. Rosales for the LAGO Collaboration*, 135
- Roth, M.** Embedded young stars in northern NGC 3372. *M. Tapia, M. Roth, & P. Persi*, 255
- Rubio, M.** Induced star formation in the HII region Sh2-54. *J. Vasquez, C. E. Cappa, S. Cichowski, M. Ortega, G. Romero, & M. Rubio*, 259
- Rubio, M.** Star Forming Regions Towards Stellar Wind Bubbles: RCW 52 and RCW 78. *C. E. Cappa, G. A. Romero, M. Rubio, & M. C. Martín*, 163
- Ruelas, A.** CCD Photometry of M15. *A. Ruelas, L. J. Sánchez, G. Herrera, & A. Nigoche-Netro*, 287
- Ruelas, A.** Diffracto-Astrometry of The Orion Trapezium. *J. Olivares, L. J. Sánchez, A. Ruelas, C. Allen,*

- A. Poveda, R. Costero, & A. Nigoche-Netro*, 282
- Ruelas, A.** The Dependence of the Faber-Jackson relation on the magnitude range. *A. Nigoche-Netro, A. Ruelas, & L. J. Sánchez*, 126
- Ruelas, A.** The Techniques of Diffracto-Astrometry applied to Hubble Space Telescope and Adaptive Optics Images. *L. J. Sánchez, J. Olivares, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 308
- Ruiz, M. T.** Faint emission lines in planetary nebulae with a [WC] nucleus. *J. García-Rojas, M. Peña, & M. T. Ruiz*, 169
- Ruiz, M. T.** Iron Depletion in Ionized Nebulae of the Large Magellanic Cloud. *G. Delgado-Inglada, M. Rodríguez, J. García-Rojas, M. Peña, & M. T. Ruiz*, 165
- Russell, C. T.** Waves and Instabilities in the Magnetospheric Plasma of Saturn. *M. Rodríguez-Martínez, X. Blanco-Cano, C. T. Russell, J. S. Leisner, R. J. Wilson, M. K. Dougherty, & H. R. Pérez-Enríquez*, 295
- Sabin, L.** Search for New Planetary Nebulae with the IPHAS H α Survey. *L. Sabin, R. L. M. Corradi, A. Mampaso, & the IPHAS collaboration*, 183
- Sacahui, J. R.** GRB 980923, a burst with a hard spectrum in energies from KeV to MeV. *J. R. Sacahui, M. M. González, J. L. Ramírez, & Y. Kaneko*, 157
- Sacahui, R.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- Sacahui, R.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcia et al.*, 131
- Saito, R.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Saito, R. K.** VISTA Variables in the Vía Láctea (VVV): first results and perspectives. *R. K. Saito et al.*, 221
- Sale, S.** VVV study of the young Milky Way star clusters: Mercer 35, 69 and 70. *F. Peñaloza et al.*, 284
- Sale, S. E.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Sánchez, L. J.** CCD Photometry of M15. *A. Ruelas, L. J. Sánchez, G. Herrera, & A. Nigoche-Netro*, 287
- Sánchez, L. J.** Diffracto-Astrometry of The Orion Trapezium. *J. Olivares, L. J. Sánchez, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 282
- Sánchez, L. J.** The Dependence of the Faber-Jackson relation on the magnitude range. *A. Nigoche-Netro, A. Ruelas, & L. J. Sánchez*, 126
- Sánchez, L. J.** The Techniques of Diffracto-Astrometry applied to Hubble Space Telescope and Adaptive Optics Images. *L. J. Sánchez, J. Olivares, A. Ruelas, C. Allen, A. Poveda, R. Costero, & A. Nigoche-Netro*, 308
- Sanchez-Argüelles, D. O.** The angular power spectrum of dust-obscured galaxies and its impact on Sunyaev Zel'dovich studies. *A. A. Montaña, D. O. Sanchez-Argüelles, D. H. Hughes, G. W. Wilson, & E. Gaztañaga*, 19
- Sánchez-Flores, M.** Atmospheric chemistry in a habitable planet with a rich CO₂ atmosphere under the effect of a stellar flare. *M. Sánchez-Flores & A. Segura*, 296
- Sánchez-Monge, Á.** H110 α and C110 α Emission toward the Photodissociated Region in the GGD14 Complex. *S. P. Treviño-Morales, Y. Gómez, C. A. Rodríguez-Rico, G. Garay, L. F. Rodríguez, & Á. Sánchez-Monge*, 297
- Santiago-Cortés, M.** GTC long-slit spectroscopy of compact stellar clusters in M81. *Y. D. Mayya, D. Rosa-González, & M. Santiago-Cortés*, 76
- Santiago-Cortés, M.** Structural Parameters of M81 Compact Star Clusters. *M. Santiago-Cortés, Y. D. Mayya, & D. Rosa-González*, 94
- Santos, Jr., J. F. C.** EFOSC2/NTT integrated spectroscopy of ten Magellanic Clouds' stellar clusters. *A. V. Ahumada, A. Benítez Llambay, J. F. C. Santos, Jr., J. J. Clariá, E. Bica, & A. E. Piatti*, 264
- Santos, M.** A didactic proposal in the learning of Astronomy through paradigmatic changes. *R. Girola & M. Santos*, 315
- Sareyan, J. P.** *uvby* - β Photoelectric Photometry of the Open Clusters NGC 1647 and NGC 1778. *C. A. Guerrero, J. H. Peña, & J. P. Sareyan*, 276
- Sareyan, J. P.** Spectroscopy of BL Cam - observations. *M. Álvarez, R. Michel, L. Fox-Machado, J. P. Sareyan, S. Fauvaud, & G. Tovmassian*, 266
- Saucedo, J. C.** Photometric Search for Accretion Disks in Young Clusters: NGC 2414. *M. E. Contreras, B. Pérez-Rendón, L. Olguín, & J. C. Saucedo*, 270
- Scannapieco, C.** Effects of galaxy formation on Dark Matter Haloes. *S. E. Pedrosa, P. B. Tissera, & C. Scannapieco*, 82
- Schmidtobreick, L.** Accretion in detached post-common-envelope binaries. *C. Tappert, B. T. Gänsicke, L. Schmidtobreick, & M. R. Schreiber*, 289
- Schmidtobreick, L.** The structure of BB Doradus in quiescence. *L. Schmidtobreick, P. Rodríguez-Gil, K. S. Long, B. T. Gänsicke, & C. Tappert*, 288
- Schmitt, H. R.** H α and [OIII] emission line maps of Mrk 1318 and Tol 1358-328. Characterising the star formation in HII galaxies. *A. Torres-Campos, D. Rosa-González, E. Terlevich, E. Telles, R. Terlevich, & H. R. Schmitt*, 102
- Schreiber, M. R.** Accretion in detached post-common-envelope binaries. *C. Tappert, B. T. Gänsicke, L. Schmidtobreick, & M. R. Schreiber*, 289
- Schreiber, M. R.** Imaging of the dust gap into the transitional disk RXJ1633.9-2242 (Oph 32). *M. Ore-*

- llana, L. A. Cieza, M. R. Schreiber, J. P. Williams, B. Merín, & G. A. Romero*, 294
- Schreiber, M. R.** Transition circumnstellar disks in Lupus. *G. A. Romero, M. R. Schreiber, L. A. Cieza, A. Rebassa-Manssergas, J. P. Williams, B. Merín, A. Smith-Castelli, & M. Orellana*, 253
- Schuster, W.** The Physical Basis of the Spectral Classification of A, F and G Stars. *G. Dalle Mese, O. López-Cruz, W. Schuster, & G. García*, 271
- Scott, K. S.** Identification of high-*z* galaxies through submillimetre drop-outs. *E. Aguilar, I. Aretxaga, D. H. Hughes, G. Wilson, K. S. Scott, & AzTEC/ASTE Team*, 110
- Segura, A.** Analysis of the evolution of traps for protoplanets considering disk photoevaporation. *R. Álvarez-Meraz, F. Masset, & A. Segura*, 293
- Segura, A.** Atmospheric chemistry in a habitable planet with a rich CO₂ atmosphere under the effect of a stellar flare. *M. Sánchez-Flores & A. Segura*, 296
- Selman, F.** High cadence NIR observations of extrasolar planets. *C. Caceres, V. D. Ivanov, D. Minniti, D. Naef, C. Melo, F. Selman, E. Mason, & G. Pietrzynski*, 291
- Sesar, B.** Investigating the Outskirts of the Milky Way: the Pisces Overdensity. *A. K. Vivas, B. Sesar, S. Duffau, & Ž. Ivezić*, 261
- Sfair, R.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- Shapiro, P. R.** The Euler Characteristic as a Measure of the Topology of Cosmic Reionization. *M. M. Friedrich, G. Mellema, M. A. Alvarez, P. R. Shapiro, & I. T. Iliev*, 13
- Shcherbakov, A.** Testing the Bragg cell of an acousto-optical spectrometer for radio astronomy. *G. Herrera-Martínez, A. Luna, L. Carrasco, & A. Shcherbakov*, 305
- Simonneau, E.** The IIM Stabilized with a Cubic Spline Model for the Source Function. *O. Cardona & E. Simonneau*, 268
- Smith-Castelli, A.** Transition circumnstellar disks in Lupus. *G. A. Romero, M. R. Schreiber, L. A. Cieza, A. Rebassa-Manssergas, J. P. Williams, B. Merín, A. Smith-Castelli, & M. Orellana*, 253
- Sodré, Jr., L.** The Morphology of Superclusters of Galaxies. *M. V. Costa-Duarte & L. Sodré Jr.*, 116
- Sorcía, M.** Long-Term Optical Photopolarimetric Monitoring of Blazars at San Pedro Mártir. *E. Benítez et al.*, 44
- Sorcía, M.** Polarimetric Monitoring of Blazars at San Pedro Mártir. *M. Sorcía et al.*, 131
- Stalin, C. S.** Reverberation mapping of the Seyfert 1.5 galaxy H 0507+164. *S. Jeyakumar, C. S. Stalin, & R. Coziol*, 123
- Stasińska, G.** Chemical Abundances in PNe in the spiral NGC 300. *M. Peña, G. Stasińska, F. Bresolin, & Y. Tsamis*, 177
- Stasińska, G.** HOLMES and little monsters. *G. Stasińska*, 96
- Stasińska, G.** Ionization of the diffuse gas in galaxies: Hot low-mass evolved stars at work. *N. Flores-Fajardo, C. Morisset, G. Stasińska, & L. Binette*, 118
- Stauffer, J.** Census of protoplanetary disks in young stellar regions. *J. Hernandez, N. Calvet, L. Hartmann, C. Briceño, A. K. Vivas, J. Muzerolle, R. Gutermuth, & J. Stauffer*, 243
- Steffen, W.** Criss-cross mapping BD+30 3639: a new kinematic analysis technique. *W. Steffen, F. Tamayo, & N. Koning*, 202
- Suárez, O.** Searching for heavily obscured post-AGB stars and planetary nebulae II. Near-IR observations of IRAS candidates. *G. Ramos-Larios, M. A. Guerrero, L. F. Miranda, O. Suárez, & J. F. Gómez*, 197
- Sulentic, J.** 3D visualization of evolutionary diagrams for quasars in the parameters space 4DE1. *O. Anguiano, E. Jiménez-Bailón, D. Dultzin, A. Negrete, P. Marziani, & J. Sulentic*, 42
- Sweigart, A. V.** Effects of Helium Enrichment in Globular Cluster Populations. *A. A. R. Valcarce, M. Catelan, & A. V. Sweigart*, 257
- Tamayo, F.** Criss-cross mapping BD+30 3639: a new kinematic analysis technique. *W. Steffen, F. Tamayo, & N. Koning*, 202
- Tapia, M.** Embedded young stars in northern NGC 3372. *M. Tapia, M. Roth, & P. Persi*, 255
- Tapia-Schiavon, C.** Line-Depth Indices and Atmospheric Parameters of Solar-like Stars in M67. *M. Chávez, C. Tapia-Schiavon, E. Bertone, J. B. Hernández-Aguila, J. R. Valdés, & V. Chavushyan*, 114
- Tappert, C.** Accretion in detached post-common-envelope binaries. *C. Tappert, B. T. Gänsicke, L. Schmidtobreick, & M. R. Schreiber*, 289
- Tappert, C.** The structure of BB Doradus in quiescence. *L. Schmidtobreick, P. Rodríguez-Gil, K. S. Long, B. T. Gänsicke, & C. Tappert*, 288
- Tecce, T. E.** A Variable IMF Slope To Fit The LCDM Picture To Observed High-*z* Submillimeter Sources. *A. M. Muñoz, F. P. Navarrete, C. del P. Lagos, N. D. Padilla, S. A. Cora, & T. E. Tecce*, 21
- Teixeira, R.** Determination of Kinematic Distances of Pre-Main Sequence Stars in Lupus. *P. Galli, R. Teixeira, C. Ducourant, & C. Bertout*, 272
- Telles, E.** H α and [OIII] emission line maps of Mrk 1318 and Tol 1358-328. Characterising the star formation in HII galaxies. *A. Torres-Campos, D. Rosa-González, E. Terlevich, E. Telles, R. Terlevich, & H. R. Schmitt*, 102

- Terlevich, E.** Constraining the Dark Energy Equation of State Using Alternative Cosmic Tracers. *R. Chávez, R. Terlevich, E. Terlevich, F. Bresolin, J. Melnick, M. Plionis, & S. Basilakos*, 9
- Terlevich, E.** $H\alpha$ and [OIII] emission line maps of Mrk 1318 and Tol 1358-328. Characterising the star formation in HII galaxies. *A. Torres-Campos, D. Rosa-González, E. Terlevich, E. Telles, R. Terlevich, & H. R. Schmitt*, 102
- Terlevich, R.** Constraining the Dark Energy Equation of State Using Alternative Cosmic Tracers. *R. Chávez, R. Terlevich, E. Terlevich, F. Bresolin, J. Melnick, M. Plionis, & S. Basilakos*, 9
- Terlevich, R.** $H\alpha$ and [OIII] emission line maps of Mrk 1318 and Tol 1358-328. Characterising the star formation in HII galaxies. *A. Torres-Campos, D. Rosa-González, E. Terlevich, E. Telles, R. Terlevich, & H. R. Schmitt*, 102
- Tissera, P. B.** Chemical and morphological analysis of simulated galaxies. *S. E. Pedrosa, P. B. Tissera, & M. E. De Rossi*, 128
- Tissera, P. B.** Effects of galaxy formation on Dark Matter Haloes. *S. E. Pedrosa, P. B. Tissera, & C. Scannapieco*, 82
- Tissera, P. B.** Supernova Feedback and the Bend of the Tully-Fisher Relation. *M. E. De Rossi, P. B. Tissera, & S. E. Pedrosa*, 56
- Toalá, J. A.** X-Ray Emission from interstellar bubbles around Wolf-Rayet stars. *J. A. Toalá & S. J. Arthur*, 185
- Toledo, I.** VISTA Variables in the Vía Láctea (VVV): first results and perspectives. *R. K. Saito et al.*, 221
- Toledo, I.** VVV Pointed Search for New Galactic Open Clusters. *J. Borissova et al.*, 267
- Torrealba, J.** Correlations between radio emission of the parsec-scale jet and optical nuclear emission of host AGN. *J. Torrealba, T. G. Arshakian, V. Chavushyan, & I. Cruz-González*, 98
- Torrelles, J. M.** New results on the HH 80-81 jet. *C. Carrasco-González, L. F. Rodríguez, M. Osorio, G. Anglada, J. Martí, J. M. Torrelles, R. Galván-Madrid, & P. D'Alessio*, 229
- Torres, R. M.** The Gould's Belt distance survey. *L. Loinard, A. J. Mioduszewski, R. M. Torres, S. Dzib, L. F. Rodríguez, & A. F. Boden*, 205
- Torres, R. M.** VLBA astrometry of the AeBe star EC 95 in Serpens. *S. Dzib, L. Loinard, A. J. Mioduszewski, A. F. Boden, L. F. Rodríguez, & R. M. Torres*, 231
- Torres-Campos, A.** $H\alpha$ and [OIII] emission line maps of Mrk 1318 and Tol 1358-328. Characterising the star formation in HII galaxies. *A. Torres-Campos, D. Rosa-González, E. Terlevich, E. Telles, R. Terlevich, & H. R. Schmitt*, 102
- Torres-Flores, S.** The Role of Tidal Dwarf Galaxies in Galaxy Evolution. *D. F. de Mello, C. Mendes de Oliveira, S. Torres-Flores, & F. Urrutia-Viscarra*, 54
- Torres-Papaqui, J. P.** Low Luminosity AGN candidates in SDSS. *J. P. Torres-Papaqui, R. Coziol, J. M. Islas-Islas, R. A. Ortega-Minakata, & D. M. Neri-Larios*, 100
- Torres-Papaqui, J. P.** Relation between activity, morphology and environment for a large sample of SDSS galaxies. *R. A. Ortega-Minakata, J. P. Torres-Papaqui, H. Andernach, J. M. Islas-Islas, & D. M. Neri-Larios*, 127
- Torres-Papaqui, J. P.** The detection of extreme Low-Luminosity AGNs. *D. M. Neri-Larios, J. P. Torres-Papaqui, R. Coziol, J. M. Islas-Islas, & R. A. Ortega-Minakata*, 80
- Torres-Peimbert, S.** Revista Mexicana de Astronomía y Astrofísica, a real option for astronomical publication. *S. Torres-Peimbert & C. Allen*, 311
- Torres-Peimbert, S.** Preface. *W. J. Henney & S. Torres-Peimbert*, xv
- Tosi, M.** BOCCE Project: The Bologna Open Cluster Chemical Evolution. *A. V. Ahumada, A. Bragaglia, M. Tosi, & G. Marconi*, 265
- Tovmassian, G.** Spectroscopy of BL Cam - observations. *M. Álvarez, R. Michel, L. Fox-Machado, J. P. Sareyan, S. Fauvaud, & G. Tovmassian*, 266
- Trejo, D. M.** Interspecies Momentum transport in Collisionless Plasmas due to the two stream instability. *D. M. Trejo & M. Reyes-Ruiz*, 132
- Treviño-Morales, S. P.** H110 α and C110 α Emission toward the Photodissociated Region in the GGD14 Complex. *S. P. Treviño-Morales, Y. Gómez, C. A. Rodríguez-Rico, G. Garay, L. F. Rodríguez, & Á. Sánchez-Monge*, 297
- Tsamis, Y.** Chemical Abundances in PNe in the spiral NGC 300. *M. Peña, G. Stasińska, F. Bresolin, & Y. Tsamis*, 177
- Urrutia-Viscarra, F.** The Role of Tidal Dwarf Galaxies in Galaxy Evolution. *D. F. de Mello, C. Mendes de Oliveira, S. Torres-Flores, & F. Urrutia-Viscarra*, 54
- Valcarce, A. A. R.** Effects of Helium Enrichment in Globular Cluster Populations. *A. A. R. Valcarce, M. Catelan, & A. V. Sweigart*, 257
- Valdés, J. R.** Line-Depth Indices and Atmospheric Parameters of Solar-like Stars in M67. *M. Chávez, C. Tapia-Schiavon, E. Bertone, J. B. Hernández-Aguila, J. R. Valdés, & V. Chavushyan*, 114
- Valenzuela, O.** A possible local diagnostic for the Milky Way dark matter halo triaxiality. *A. Rojas-Niño, O. Valenzuela, & B. Pichardo*, 88
- Valenzuela, O.** Bar detection in Isolated and Pairs of Galaxies. *H. Méndez-Hernández, A. M. Magaña, H. M. Hernández-Toledo, & O. Valenzuela*, 78
- Valenzuela, O.** Detecting Stellar Streams in the Galactic Halo with a Modified GC3 Method. *C. Mateu, G. Bruzual, L. Aguilar, A. Brown, O. Valenzuela, L. Carigi, F. Hernández, & H. Velázquez*, 280

- Valenzuela, O.** Dynamics of Black Holes Pairs in a Hierarchical Universe: The SMBHs descendants of $z = 1$ binary merging galaxies. *E. M. Martínez-Palafox & O. Valenzuela*, 74
- Valenzuela, O.** Kinematic structures in galactic disc simulations. *S. Roca-Fàbrega, M. Romero-Gómez, F. Figueras, T. Antoja, & O. Valenzuela*, 130
- Valenzuela, O.** Modelling the inner parts of the Milky Way using invariant manifolds. *M. Romero-Gomez, E. Athanassoula, T. Antoja, F. Figueras, O. Valenzuela, & B. Pichardo*, 92
- Valenzuela, O.** The mass power spectrum at sub-galactic scales as a constraint to dark matter properties. *A. X. González-Morales, O. Valenzuela, & L. Aguilar*, 15
- van Altena, W.** Proper motion study of the Magellanic Clouds using SPM material. *K. Vieira et al.*, 106
- van Altena, W. F.** SPM4: The Yale/San-Juan Southern Proper Motion Survey: 100 million absolute proper motions. *W F. van Altena*, 290
- Vasquez, J.** Induced star formation in the HII region Sh2-54. *J. Vasquez, C. E. Cappa, S. Cichowolski, M. Ortega, G. Romero, & M. Rubio*, 259
- Vázquez, C.** Star formation in unperturbed LIRGs. *I. Fuentes-Carrera et al.*, 119
- Vázquez, R.** Anneb: a nebular analysis software. *L. Olguín, R. Vázquez, M. E. Contreras, & M. Y. Jiménez*, 193
- Vázquez, R.** Kinematical study of the planetary nebula NGC 6058. *P. F. Guillén, R. Vázquez, S. Zavala, L. F. Miranda, M. E. Contreras, S. Ayala, & S. Gil*, 191
- Velázquez, H.** Detecting Stellar Streams in the Galactic Halo with a Modified GC3 Method. *C. Mateu, G. Bruzual, L. Aguilar, A. Brown, O. Valenzuela, L. Carigi, F. Hernández, & H. Velázquez*, 280
- Velázquez, P. F.** Diffuse X-ray emission from the superbubble N70. *J. Reyes-Iturbide, M. Rosado, A. Rodríguez-González, P. F. Velázquez, & P. Ambrocio-Cruz*, 199
- Velázquez, P. F.** Numerical models for the 19th century outbursts of η Carinae. *R. F. González, A. M. Villa, G. C. Gómez, E. M. de Gouveia Dal Pino, A. C. Raga, J. Cantó, P. F. Velázquez, & E. de la Fuente*, 190
- Verdes-Montenegro, L.** Star formation in unperturbed LIRGs. *I. Fuentes-Carrera et al.*, 119
- Verdugo, T.** High redshift galaxies & Lyman Alpha Emitters through gravitational lensing. *J. A. de Diego, M. A. De Leo, A. Bongiovanni, T. Verdugo, & J. Cepa*, 117
- Verdugo, T.** Strong lensing, weak lensing, and dynamics in SL2S J02140-0535. *T. Verdugo, V. Motta, R. P. Muñoz, M. Limousin, R. Cabanac, & J. Richard*, 104
- Verley, S.** Star formation in unperturbed LIRGs. *I. Fuentes-Carrera et al.*, 119
- Vidotto, A. A.** 3D Simulations of Tilted Magnetospheres of Weak-Lined T Tauri Stars. *A. A. Vidotto, M. Opher, V. Jatenco-Pereira, & T. I. Gombosi*, 133
- Vieira, K.** Proper motion study of the Magellanic Clouds using SPM material. *K. Vieira et al.*, 106
- Vieyro, F. L.** Flares from galactic black holes. *F. L. Vieyro & G. E. Romero*, 153
- Villa, A. M.** Numerical models for the 19th century outbursts of η Carinae. *R. F. González, A. M. Villa, G. C. Gómez, E. M. de Gouveia Dal Pino, A. C. Raga, J. Cantó, P. F. Velázquez, & E. de la Fuente*, 190
- Vivas, A. K.** Census of protoplanetary disks in young stellar regions. *J. Hernandez, N. Calvet, L. Hartmann, C. Briceño, A. K. Vivas, J. Muzerolle, R. Gutermuth, & J. Stauffer*, 243
- Vivas, A. K.** Investigating the Outskirts of the Milky Way: the Pisces Overdensity. *A. K. Vivas, B. Sesar, S. Duffau, & Ž. Ivezić*, 261
- Vivas, A. K.** Measuring the Galactic Thick Disk with QUEST-I RR Lyrae stars. *C. Mateu, A. K. Vivas, J. J. Downes, & C. Briceño*, 245
- Vivas, A. K.** The CIDA-VISTA Survey in Orion OB1. *C. Briceño, C. Mateu, J. J. Downes, A. K. Vivas, J. Hernández, & N. Calvet*, 225
- Williams, J. P.** Imaging of the dust gap into the transitional disk RXJ1633.9-2242 (Oph 32). *M. Orellana, L. A. Cieza, M. R. Schreiber, J. P. Williams, B. Merín, & G. A. Romero*, 294
- Williams, J. P.** Transition circumstellar disks in Lupus. *G. A. Romero, M. R. Schreiber, L. A. Cieza, A. Rebassa-Manssergas, J. P. Williams, B. Merin, A. Smith-Castelli, & M. Orellana*, 253
- Wilson, G.** Identification of high- z galaxies through submillimetre drop-outs. *E. Aguilar, I. Aretxaga, D. H. Hughes, G. Wilson, K. S. Scott, & AzTEC/ASTE Team*, 110
- Wilson, G.** Studying the properties of massive galaxies in protoclusters using millimetre-wavelength observations. *M. Zaballos, D. H. Hughes, I. Aretxaga, & G. Wilson*, 108
- Wilson, G. W.** The angular power spectrum of dust-obscured galaxies and its impact on Sunyaev Zel'dovich studies. *A. A. Montaña, D. O. Sanchez-Argüelles, D. H. Hughes, G. W. Wilson, & E. Gaztañaga*, 19
- Wilson, R. J.** Waves and Instabilities in the Magnetospheric Plasma of Saturn. *M. Rodríguez-Martínez, X. Blanco-Cano, C. T. Russell, J. S. Leisner, R. J. Wilson, M. K. Dougherty, & H. R. Pérez-Enríquez*, 295
- Winter, O.** A Near-Infrared Spectrometer project design for the Aster Mission. *A. Hetem et al.*, 306
- Yang, Y. B.** The Evolution of the Observed Hubble Sequence over the past 6Gyr. *R. Delgado-Serrano, F. Hammer, Y. B. Yang, M. Puech, H. Flores, & M. Rodrigues*, 52

- Zacharias, N.** Proper motion study of the Magellanic Clouds using SPM material. *K. Vieira et al.*, 106
- Zavala, S.** Kinematical study of the planetary nebula NGC 6058. *P. F. Guillén, R. Vázquez, S. Zavala, L. F. Miranda, M. E. Contreras, S. Ayala, & S. Gil*, 191
- Zeballos, M.** Studying the properties of massive galaxies in protoclusters using millimetre-wavelength observations. *M. Zeballos, D. H. Hughes, I. Aretxaga, & G. Wilson*, 108
- Zhang, Q.** On the Formation of the Most Massive Stars in the Galaxy. *R. Galván-Madrid, Q. Zhang, E. R. Keto, L. F. Rodríguez, & P. T. P. Ho*, 239
- Zsargó, J.** Can stellar rotation shape the planetary nebulae? *L. Georgiev, C. Morisset, & J. Zsargó*, 203
- Zurita, C.** Asteroseismology of the Delta Scuti star V650 Tauri. *L. Fox Machado, R. Michel, M. Álvarez, J. N. Fu, & C. Zurita*, 237