

AUTHOR INDEX

- Acerbi, F.** Investigation on Four Contact Binary Systems and a Semi-Detached One at the Beginning of the Contact Phase. *F. Acerbi, M. Martignoni, R. Michel, C. Barani, H. Aceves, L. Altamirano-Dévora & F. J. Tamayo*, 69
- Acerbi, F.** Erratum: Photometric Analysis of Two K Spectral Type Contact Binary Systems (RMxAA, 2022, 58, 237). *C. Barani, M. Martignoni, F. Acerbi, R. Michel, H. Aceves & V. Popov*, 417
- Aceves, H.** Investigation on Four Contact Binary Systems and a Semi-Detached One at the Beginning of the Contact Phase. *F. Acerbi, M. Martignoni, R. Michel, C. Barani, H. Aceves, L. Altamirano-Dévora & F. J. Tamayo*, 69
- Aceves, H.** The First Multicolour Photometry of The V840 Lyr Contact Binary Star. *M. Tanriver, R. Michel, A. Bulut, H. Aceves, & A. Keskin*, 99
- Aceves, H.** Erratum: Photometric Analysis of Two K Spectral Type Contact Binary Systems (RMxAA, 2022, 58, 237). *C. Barani, M. Martignoni, F. Acerbi, R. Michel, H. Aceves & V. Popov*, 417
- Agüi, F.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using pyPipe3D. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Pérez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Ahmed, N.** Investigating the Hyperbolic and Hybrid Scalar Field Cosmologies with Varying Cosmological Constant in $f(R, T)$ Gravity. *N. Ahmed & T. M. Kamel*, 217
- Ahmed, O.** X-ray Observations of the Very-Faint X-ray Transient XMMSL1 J171900.4–353217: A New Candidate Neutron Star Low-Mass X-ray Binary. *O. Ahmed, N. Degenaar, R. Wijnands, & M. Armas Padilla*, 403
- Alcázar-Layne, M.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using pyPipe3D. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Pérez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Armas Padilla, M.** X-ray Observations of the Very-Faint X-ray Transient XMMSL1 J171900.4–353217: A New Candidate Neutron Star Low-Mass X-ray Binary. *O. Ahmed, N. Degenaar, R. Wijnands, & M. Armas Padilla*, 403
- Barani, C.** Investigation on Four Contact Binary Systems and a Semi-Detached One at the Beginning of the Contact Phase. *F. Acerbi, M. Martignoni, R. Michel, C. Barani, H. Aceves, L. Altamirano-Dévora & F. J. Tamayo*, 69
- Barani, C.** Erratum: Photometric Analysis of Two K Spectral Type Contact Binary Systems (RMxAA, 2022, 58, 237). *C. Barani, M. Martignoni, F. Acerbi, R. Michel, H. Aceves & V. Popov*, 417
- Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi, 323**
- Altamirano-Dévora, L.** Investigation on Four Contact Binary Systems and a Semi-Detached One at the Beginning of the Contact Phase. *F. Acerbi, M. Martignoni, R. Michel, C. Barani, H. Aceves, L. Altamirano-Dévora & F. J. Tamayo*, 69
- Amador-Portes, A.** Instrumental Broadening of the SPOL Spectropolarimeter at the University of Arizona. *Amador-Portes, Chavushyan, & Patiño-Alvarez*, 317
- Arellano Ferro, A.** Long Term CCD Photometry of the Distant Cluster NGC2419: The CMD Revisited. *A. Arellano Ferro, S. Muneer, Sunetra Giridhar, I. Bustos Fierro, M. A. Yepez, G. A. García Pérez, & G. Rios Segura*, 277
- Arellano Ferro, A.** The Variable Stars Population of the Extended Young Globular Cluster NGC 1851. *A. Arellano Ferro, C. E. Pérez Parra, M. A. Yepez, I. Bustos Fierro, Z. Prudil, & L. J. Zerpa Guillen*, 381
- Argudo-Fernández, M.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using pyPipe3D. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Pérez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323

- Barrera-Ballesteros, J. K.** The Calar Alto Legacy Integral Field Area Survey: Spatial Resolved Properties. *S. F. Sánchez, J. K. Barrera-Ballesteros, L. Galbany, R. García-Benito, E. Lacerda, & A. Camps-Fariña*, 41
- Batista, M. G.** Preliminary Results From 5 Years' Spectral Monitoring of Antares. *Oostra & Batista*, 367
- Bidaran, B.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Laynez, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Blázquez-Calero, G.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Laynez, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Bulut, A.** The First Multicolour Photometry of The V840 Lyr Contact Binary Star. *M. Tanriver, R. Michel, A. Bulut, H. Aceves, & A. Keskin*, 99
- Bustos Fierro, I.** Long Term CCD Photometry of the Distant Cluster NGC2419: The CMD Revisited. *A. Arellano Ferro, S. Muneer, Sunetra Giridhar, I. Bustos Fierro, M. A. Yepez, G. A. García Pérez, & G. Ríos Segura*, 277
- Bustos Fierro, I.** The Variable Stars Population of the Extended Young Globular Cluster NGC 1851. *A. Arellano Ferro, C. E. Pérez Parra, M. A. Yepez, I. Bustos Fierro, Z. Prudil, & L. J. Zerpa Guillen*, 381
- Camps-Fariña, A.** The Calar Alto Legacy Integral Field Area Survey: Spatial Resolved Properties. *S. F. Sánchez, J. K. Barrera-Ballesteros, L. Galbany, R. García-Benito, E. Lacerda, & A. Camps-Fariña*, 41
- Caretta, C. A.** Testing an Entropy Estimator Related to the Dynamical State of Galaxy Clusters. *J. M. Zúñiga, C. A. Caretta, A. P. González, & E. García-Manzanárez*, 141
- Cerviño, M.** X-ray Analysis of Seyfert 1 Galaxies with Optical Polarization: A Test for Unification Models. *M. Gudiño, E. Jiménez-Bailón, A. L. Longinotti, M. Guainazzi, M. Cerviño, & A. C. Robleto-Orús*, 241
- Chaubey, A.** ALP-Photon Interaction in the Stellar Environment. *Chaubey & Ganguly*, 361
- Chavushyan, V.** Instrumental Broadening of the SPOL Spectropolarimeter at the University of Arizona. *Amador-Portes, Chavushyan, & Patiño-Alvarez*, 317
- Conrado, A.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Laynez, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Cordero, G.** Astronomical Signals in Brightest Fireballs Fallen on Earth. *D. Maravilla, M. Pazos, & G. Cordero*, 165
- Corral, L. J.** Identification of Planetary and Proto-Planetary Nebulae Candidates Through AKARI Infrared Photometry. *R. A. Márquez-Lugo, S. N. Kemp, G. Ramos-Larios, A. Nigoche-Netro, S. G. Navarro, & L. J. Corral*, 261
- Dal, H. A.** Relationship Between Photometric Period and Surface Differential Rotation in Chromospherically Active Stars. *O. Özdarcan, H. A. Dal, E. Sipahi Kılıç, & E. Yoldaş*, 305
- Degenaar, N.** X-ray Observations of the Very-Faint X-ray Transient XMMSL1 J171900.4–353217: A New Candidate Neutron Star Low-Mass X-ray Binary. *O. Ahmed, N. Degenaar, R. Wijnands, & M. Armas Padilla*, 403
- del Moral-Castro, I.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Laynez, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Della Prugna, F.** Astronomical Tests of a Medium Format Digital Camera on a Large Schmidt Telescope. *F. Della Prugna*, 121

- Domínguez-Gómez, J.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using pyPipe3D. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi, 323*
- Duarte Puertas, S.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using pyPipe3D. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi, 323*
- Dzib, S. A.** Radio Proper Motions of the Nearby Ultra-Cool Dwarf Binary VHS 1256–1257AB. *L. F. Rodríguez, S. A. Dzib, L. A. Zapata, & L. Loinard, 13*
- Dzib, S. A.** Compact Radio Sources in the Field of Tycho's Supernova Remnant. *Luis F. Rodríguez, Vanessa Yanza, & Sergio A. Dzib, 113*
- El-Essawy, S. H.** Computing Polytropic and Isothermal Models Using Monte Carlo Method. *Mohamed I. Nouh, Essam A. Elkholy, & Samah H. El-Essawy, 3*
- El-Essawy, S. H.** Erratum: Computing Polytropic and Isothermal Models Using Monte Carlo Method (RMxAA, 2024, 60, 3). *Mohamed I. Nouh, Essam A. Elkholy, & Samah H. El-Essawy, 415*
- Elkholy, E. A.** Computing Polytropic and Isothermal Models Using Monte Carlo Method. *Mohamed I. Nouh, Essam A. Elkholy, & Samah H. El-Essawy, 3*
- Elkholy, E. A.** Erratum: Computing Polytropic and Isothermal Models Using Monte Carlo Method (RMxAA, 2024, 60, 3). *Mohamed I. Nouh, Essam A. Elkholy, & Samah H. El-Essawy, 415*
- Espada, D.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using pyPipe3D. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi, 323*
- Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi, 323**
- Espinosa, M.** Supernovae Photometry at OAUNI . *M. Espinoza & A. Pereyra, 293*
- Ferland, G. J.** Recent Update of Gas-Phase Chemical Reactions and Molecular Lines of TiO in CLOUDY. *Shaw et al., 373*
- Ferré-Mateu, A.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using pyPipe3D. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi, 323*
- Florido, E.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using pyPipe3D. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi, 323*
- Fouchez, D.** SNIa Detection Analysis Results from Real and Simulated Images Using Specialized Software. *Juan Pablo Reyes, Marcela Hernández Hoyos, & Dominique Fouchez, 125*
- Galbany, L.** The Calar Alto Legacy Integral Field Area Survey: Spatial Resolved Properties. *S. F. Sánchez, J. K. Barrera-Ballesteros, L. Galbany, R. García-Benito, E. Lacerda, & A. Camps-Fariña, 41*
- Ganguly A. K.** ALP-Photon Interaction in the Stellar Environment. *Chaubey & Ganguly, 361*
- García-Benito, R.** The Calar Alto Legacy Integral Field Area Survey: Spatial Resolved Properties. *S. F. Sánchez, J. K. Barrera-Ballesteros, L. Galbany, R. García-Benito, E. Lacerda, & A. Camps-Fariña, 41*

- García-Benito, R.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Laynez, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- García-Manzanárez, E.** Testing an Entropy Estimator Related to the Dynamical State of Galaxy Clusters. *J. M. Zúñiga, C. A. Caretta, A. P. González, & E. García-Manzanárez*, 141
- García Pérez, G. A.** Long Term CCD Photometry of the Distant Cluster NGC2419: The CMD Revisited. *A. Arellano Ferro, S. Muneer, Sunetra Giridhar, I. Bustos Fierro, M. A. Yepez, G. A. García Pérez, & G. Rios Segura*, 277
- Giridhar, S.** Long Term CCD Photometry of the Distant Cluster NGC2419: The CMD Revisited. *A. Arellano Ferro, S. Muneer, Sunetra Giridhar, I. Bustos Fierro, M. A. Yepez, G. A. García Pérez, & G. Rios Segura*, 277
- González, A. P.** Testing an Entropy Estimator Related to the Dynamical State of Galaxy Clusters. *J. M. Zúñiga, C. A. Caretta, A. P. González, & E. García-Manzanárez*, 141
- González Delgado, R.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Laynez, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Guainazzi, M.** X-ray Analysis of Seyfert 1 Galaxies with Optical Polarization: A Test for Unification Models. *M. Gudiño, E. Jiménez-Bailón, A. L. Longinotti, M. Guainazzi, M. Cerviño, & A. C. Robleto-Orús*, 241
- Gudiño, M.** X-ray Analysis of Seyfert 1 Galaxies with Optical Polarization: A Test for Unification Models. *M. Gudiño, E. Jiménez-Bailón, A. L. Longinotti, M. Guainazzi, M. Cerviño, & A. C. Robleto-Orús*, 241
- Gürol, B.** Light and Frequency Analysis of Detached Eccentric Binary System DT Cam with Pre-Main Sequence Component. *T. Özdemir & B. Gürol*, 205
- Hernández Hoyos, M.** SNIa Detection Analysis Results from Real and Simulated Images Using Specialized Software. *Juan Pablo Reyes, Marcela Hernández Hoyos, & Dominique Fouchez*, 125
- Hernández-Juárez, D.** New Catalog of Distances to Planetary Nebulae Based on *Gaia* Parallaxes and Statistical Distances. *Diego Hernández-Juárez, Mónica Rodríguez, & Miriam Peña*, 227
- Jiménez, A.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Laynez, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Jiménez-Bailón, E.** X-ray Analysis of Seyfert 1 Galaxies with Optical Polarization: A Test for Unification Models. *M. Gudiño, E. Jiménez-Bailón, A. L. Longinotti, M. Guainazzi, M. Cerviño, & A. C. Robleto-Orús*, 241
- Kamel, T. M.** Investigating the Hyperbolic and Hybrid Scalar Field Cosmologies with Varying Cosmological Constant in $f(R, T)$ Gravity. *N. Ahmed & T. M. Kamel*, 217
- Kemp, S. N.** Identification of Planetary and Proto-Planetary Nebulae Candidates Through *AKARI* Infrared Photometry. *R. A. Márquez-Lugo, S. N. Kemp, G. Ramos-Larios, A. Nigoche-Netro, S. G. Navarro, & L. J. Corral*, 261
- Keskin, A.** The First Multicolour Photometry of The V840 Lyr Contact Binary Star. *M. Tanrıver, R. Michel, A. Bulut, H. Aceves, & A. Keskin*, 99
- Kılıç, E. S.** Relationship Between Photometric Period and Surface Differential Rotation in Chromospherically Active Stars. *O. Özdarcan, H. A. Dal, E. Sipahi Kılıç, & E. Yoldaş*, 305
- Lacerda, E.** The Calar Alto Legacy Integral Field Area Survey: Spatial Resolved Properties. *S. F. Sánchez, J. K. Barrera-Ballesteros, L. Galbany, R. García-Benito, E. Lacerda, & A. Camps-Fariña*, 41
- Lihwai, L.** *XookSuut*: A Bayesian Tool for Modeling Circular and Non-Circular Flows on 2D Velocity Maps. *C. López-Cobá, Lihwai Lin, & Sebastián F. Sánchez*, 19

- Lisenfeld, U.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Loinard, L.** Radio Proper Motions of the Nearby Ultra-Cool Dwarf Binary VHS 1256–1257AB. *L. F. Rodríguez, S. A. Dzib, L. A. Zapata, & L. Loinard*, 13
- López-Cobá, C.** XookSuut: A Bayesian Tool for Modeling Circular and Non-Circular Flows on 2D Velocity Maps. *C. López-Cobá, Lihwai Lin, & Sebastián F. Sánchez*, 19
- Longinotti, A. L.** X-ray Analysis of Seyfert 1 Galaxies with Optical Polarization: A Test for Unification Models. *M. Gudiño, E. Jiménez-Bailón, A. L. Longinotti, M. Guainazzi, M. Cerviño, & A. C. Robleto-Orús*, 241
- Lopez, I. H.** Feed-Forward Neural Networks to Estimate Stokes Profiles. *J. M. Raygoza, I. H. Lopez, & J. C. Ramírez*, 343
- López-Cobá, C.** XookSuut: A Bayesian Tool for Modeling Circular and Non-Circular Flows on 2D Velocity Maps. *C. López-Cobá, Lihwai Lin, & Sebastián F. Sánchez*, 19
- Lugo-Aranda, A. Z.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Macías-Estrada, E.** CCD Photometry of the Globular Cluster NGC 5897. *A. Ruelas-Mayorga, L. J. Sánchez, E. Macías-Estrada, & A. Nigoche-Netro*, 83
- Maravilla, D.** Astronomical Signals in Brightest Fireballs Fallen on Earth. *D. Maravilla, M. Pazos, & G. Cordero*, 165
- Márquez-Lugo, R. A.** Identification of Planetary and Proto-Planetary Nebulae Candidates Through AKARI Infrared Photometry. *R. A. Márquez-Lugo, S. N. Kemp, G. Ramos-Larios, A. Nigoche-Netro, S. G. Navarro, & L. J. Corral*, 261
- Martignoni, M.** Investigation on Four Contact Binary Systems and a Semi-Detached One at the Beginning of the Contact Phase. *F. Acerbi, M. Martignoni, R. Michel, C. Barani, H. Aceves, L. Altamirano-Dévora & F. J. Tamayo*, 69
- Martignoni, M.** Erratum: Photometric Analysis of Two K Spectral Type Contact Binary Systems (RMxAA, 2022, 58, 237). *C. Barani, M. Martignoni, F. Acerbi, R. Michel, H. Aceves & V. Popov*, 417
- Michel, M.** Investigation on Four Contact Binary Systems and a Semi-Detached One at the Beginning of the Contact Phase. *F. Acerbi, M. Martignoni, R. Michel, C. Barani, H. Aceves, L. Altamirano-Dévora & F. J. Tamayo*, 69
- Michel, R.** The First Multicolour Photometry of The V840 Lyr Contact Binary Star. *M. Tanriver, R. Michel, A. Bulut, H. Aceves, & A. Keskin*, 99
- Michel, R.** Erratum: Photometric Analysis of Two K Spectral Type Contact Binary Systems (RMxAA, 2022, 58, 237). *C. Barani, M. Martignoni, F. Acerbi, R. Michel, H. Aceves & V. Popov*, 417
- Muneer, S.** Long Term CCD Photometry of the Distant Cluster NGC2419: The CMD Revisited. *A. Arellano Ferro, S. Muneer, Sunetra Giridhar, I. Bustos Fierro, M. A. Yepez, G. A. García Pérez, & G. Rios Segura*, 277
- Navarro, S. G.** Identification of Planetary and Proto-Planetary Nebulae Candidates Through AKARI Infrared Photometry. *R. A. Márquez-Lugo, S. N. Kemp, G. Ramos-Larios, A. Nigoche-Netro, S. G. Navarro, & L. J. Corral*, 261
- Nigoche-Netro, A.** CCD Photometry of the Globular Cluster NGC 5897. *A. Ruelas-Mayorga, L. J. Sánchez, E. Macías-Estrada, & A. Nigoche-Netro*, 83
- Nigoche-Netro, A.** CCD Photometry of Trapezia Stars I. *A. Ruelas-Mayorga, L. J. Sánchez, A. Páez-Amador, O. Segura-Montero, & A. Nigoche-Netro*, 177
- Nigoche-Netro, A.** Identification of Planetary and Proto-Planetary Nebulae Candidates Through AKARI Infrared Photometry. *R. A. Márquez-Lugo, S. N. Kemp, G. Ramos-Larios, A. Nigoche-Netro, S. G. Navarro, & L. J. Corral*, 261
- Nouh, M. I.** Computing Polytropic and Isothermal Models Using Monte Carlo Method. *Mohamed I. Nouh, Essam A. Elkholly, & Samah H. El-Essawy*, 3
- Nouh, M. I.** Erratum: Computing Polytropic and Isothermal Models Using Monte Carlo Method (RMxAA, 2024, 60, 3). *Mohamed I. Nouh, Essam A. Elkholly, & Samah H. El-Essawy*, 415
- Oostra, B.** Preliminary Results From 5 Years' Spectral Monitoring of Antares. *Oostra & Batista*, 367
- Özdarcan, O.** Relationship Between Photometric Period and Surface Differential Rotation in Chromospherically Active Stars. *O. Özdarcan, H. A. Dal, E. Sipahi Kılıç, & E. Yoldaş*, 305

- Özdemir, T.** Light and Frequency Analysis of Detached Eccentric Binary System DT Cam with Pre-Main Sequence Component. *T. Özdemir & B. Gürol*, 205
- Páez-Amador, A.** CCD Photometry of Trapezia Stars I. *A. Ruelas-Mayorga, L. J. Sánchez, A. Páez-Amador, O. Segura-Montero, & A. Nigoche-Netro*, 177
- Pazos, M.** Astronomical Signals in Brightest Fireballs Fallen on Earth. *D. Maravilla, M. Pazos, & G. Cordero*, 165
- Pérez Parra, C. E.** The Variable Stars Population of the Extended Young Globular Cluster NGC 1851. *A. Arellano Ferro, C. E. Pérez Parra, M. A. Yepez, I. Bustos Fierro, Z. Prudil, & L. J. Zerpa Guillen*, 381
- Patiño-Alvarez, V. M.** Instrumental Broadening of the SPOL Spectropolarimeter at the University of Arizona. *Amador-Portes, Chavushyan, & Patiño-Alvarez*, 317
- Peña, M.** New Catalog of Distances to Planetary Nebulae Based on *Gaia* Parallaxes and Statistical Distances. *Diego Hernández-Juárez, Mónica Rodríguez, & Miriam Peña*, 227
- Pereyra, A.** Supernovae Photometry at OAUNI. *M. Espinoza & A. Pereyra*, 293
- Perez, I.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using *pyPipe3D*. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puerdas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Popov, V.** Erratum: Photometric Analysis of Two K Spectral Type Contact Binary Systems (RMxAA, 2022, 58, 237). *C. Barani, M. Martignoni, F. Acerbi, R. Michel, H. Aceves & V. Popov*, 417
- Porter, R.** Recent Update of Gas-Phase Chemical Reactions and Molecular Lines of TiO in CLOUDY. *Shaw et al.*, 373
- Prudil, Z.** The Variable Stars Population of the Extended Young Globular Cluster NGC 1851. *A. Arellano Ferro, C. E. Pérez Parra, M. A. Yepez, I. Bustos Fierro, Z. Prudil, & L. J. Zerpa Guillen*, 381
- Quiroga, E.** Erratum: A Peculiar Galaxy Near M104 with New Insights From Virtual Observatory Tools (RMxAA, 2023, 59, 323-326). *E. Quiroga*, 199
- Quiroga, E.** Erratum: A Peculiar Galaxy Near M104 (RMxAA, 2023, 59, 323). *E. Quiroga*, 413
- Ramírez, J. C.** Feed-Forward Neural Networks to Estimate Stokes Profiles. *J. M. Raygoza, I. H. Lopez, & J. C. Ramírez*, 343
- Ramos-Larios, G.** Identification of Planetary and Proto-Planetary Nebulae Candidates Through AKARI Infrared Photometry. *R. A. Márquez-Lugo, S. N. Kemp, G. Ramos-Larios, A. Nigoche-Netro, S. G. Navarro, & L. J. Corral*, 261
- Raygoza, J. M.** Feed-Forward Neural Networks to Estimate Stokes Profiles. *J. M. Raygoza, I. H. Lopez, & J. C. Ramírez*, 343
- Reyes, J. P.** SNIa Detection Analysis Results from Real and Simulated Images Using Specialized Software. *Juan Pablo Reyes, Marcela Hernández Hoyos, & Dominique Fouchez*, 125
- Rios Segura, G.** Long Term CCD Photometry of the Distant Cluster NGC2419: The CMD Revisited. *A. Arellano Ferro, S. Muneer, Sunetra Giridhar, I. Bustos Fierro, M. A. Yepez, G. A. García Pérez, & G. Rios Segura*, 277
- Robleto-Orús, A. C.** X-ray Analysis of Seyfert 1 Galaxies with Optical Polarization: A Test for Unification Models. *M. Gudiño, E. Jiménez-Bailón, A. L. Longinotti, M. Guainazzi, M. Cerviño, & A. C. Robleto-Orús*, 241
- Rodríguez, L. F.** Radio Proper Motions of the Nearby Ultra-Cool Dwarf Binary VHS 1256–1257AB. *L. F. Rodríguez, S. A. Dzib, L. A. Zapata, & L. Loinard*, 13
- Rodríguez, L. F.** Compact Radio Sources in the Field of Tycho's Supernova Remnant. *Luis F. Rodríguez, Vanessa Yanza, & Sergio A. Dzib*, 113
- Rodríguez, L. F.** The Radio Continuum Source Projected Near HR 8799. *L. F. Rodríguez & L. A. Zapata*, 355
- Rodríguez, M.** New Catalog of Distances to Planetary Nebulae Based on *Gaia* Parallaxes and Statistical Distances. *Diego Hernández-Juárez, Mónica Rodríguez, & Miriam Peña*, 227
- Román, J.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using *pyPipe3D*. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puerdas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Ruelas-Mayorga, A.** CCD Photometry of the Globular Cluster NGC 5897. *A. Ruelas-Mayorga, L. J. Sánchez, E. Macías-Estrada, & A. Nigoche-Netro*, 83
- Ruelas-Mayorga, A.** CCD Photometry of Trapezia Stars I. *A. Ruelas-Mayorga, L. J. Sánchez, A. Páez-Amador, O. Segura-Montero, & A.*

- Nigoche-Netro*, 177
- Ruiz-Lara, T.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Sánchez Alarcón, P. M.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Sánchez, S. F.** XookSuut: A Bayesian Tool for Modeling Circular and Non-Circular Flows on 2D Velocity Maps. *C. López-Cobá, Lihwai Lin, & Sebastián F. Sánchez*, 19
- Sánchez, S. F.** The Calar Alto Legacy Integral Field Area Survey: Spatial Resolved Properties. *S. F. Sánchez, J. K. Barrera-Ballesteros, L. Galbany, R. García-Benito, E. Lacerda, & A. Camps-Fariña*, 41
- Sánchez, S. F.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Sánchez, L. J.** CCD Photometry of the Globular Cluster NGC 5897. *A. Ruelas-Mayorga, L. J. Sánchez, E. Macías-Estrada, & A. Nigoche-Netro*, 83
- Sánchez, L. J.** CCD Photometry of Trapezia Stars I. *A. Ruelas-Mayorga, L. J. Sánchez, A. Páez-Amador, O. Segura-Montero, & A. Nigoche-Netro*, 177
- Sánchez-Menguiano, L.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Segura-Montero, O.** CCD Photometry of Trapezia Stars I. *A. Ruelas-Mayorga, L. J. Sánchez, A. Páez-Amador, O. Segura-Montero, & A. Nigoche-Netro*, 177
- Shaw, G.** Recent Update of Gas-Phase Chemical Reactions and Molecular Lines of TiO in CLOUDY. *Shaw et al.*, 373
- Stancil, P.** Recent Update of Gas-Phase Chemical Reactions and Molecular Lines of TiO in CLOUDY. *Shaw et al.*, 373
- Tamayo, F. J.** Investigation on Four Contact Binary Systems and a Semi-Detached One at the Beginning of the Contact Phase. *F. Acerbi, M. Martignoni, R. Michel, C. Barani, H. Aceves, L. Altamirano-Dévera & F. J. Tamayo*, 69
- Tanriver, M.** The First Multicolour Photometry of The V840 Lyr Contact Binary Star. *M. Tanriver, R. Michel, A. Bulut, H. Aceves, & A. Keskin*, 99
- Torres-Ríos, G.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Verley, S.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Layne, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323

- Villalba-González, P.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Laynez, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323
- Wijnands, R.** X-ray Observations of the Very-Faint X-ray Transient XMMSL1 J171900.4–353217: A New Candidate Neutron Star Low-Mass X-ray Binary. *O. Ahmed, N. Degenaar, R. Wijnands, & M. Armas Padilla*, 403
- Yanza, V.** Compact Radio Sources in the Field of Tycho's Supernova Remnant. *Luis F. Rodríguez, Vanessa Yanza, & Sergio A. Dzib*, 113
- Yepez, M. A.** Long Term CCD Photometry of the Distant Cluster NGC2419: The CMD Revisited. *A. Arellano Ferro, S. Muneer, Sunetra Giridhar, I. Bustos Fierro, M. A. Yepez, G. A. García Pérez, & G. Rios Segura*, 277
- Yepez, M. A.** The Variable Stars Population of the Extended Young Globular Cluster NGC 1851. *A. Arellano Ferro, C. E. Pérez Parra, M. A. Yepez, I. Bustos Fierro, Z. Prudil, & L. J. Zerpa Guillen*, 381
- Yoldaş, E.** Relationship Between Photometric Period and Surface Differential Rotation in Chromospherically Active Stars. *O. Özdarcan, H. A. Dal, E. Sipahi Kılıç, & E. Yoldaş*, 305
- Zapata, L. A.** Radio Proper Motions of the Nearby Ultra-Cool Dwarf Binary VHS 1256–1257AB. *L. F. Rodríguez, S. A. Dzib, L. A. Zapata, & L. Loinard*, 13
- Zapata, L. A.** The Radio Continuum Source Projected Near HR 8799. *L. F. Rodríguez & L. A. Zapata*, 355
- Zerpa Guillen, L. J.** The Variable Stars Population of the Extended Young Globular Cluster NGC 1851. *A. Arellano Ferro, C. E. Pérez Parra, M. A. Yepez, I. Bustos Fierro, Z. Prudil, & L. J. Zerpa Guillen*, 381
- Zúñiga, J. M.** Testing an Entropy Estimator Related to the Dynamical State of Galaxy Clusters. *J. M. Zúñiga, C. A. Caretta, A. P. González, & E. García-Manzanárez*, 141
- Zurita, A.** The CAVITY Project: Spatially-Resolved and Characteristic Properties of Galaxies Derived Using `pyPipe3D`. *S. F. Sánchez, R. García-Benito, R. González Delgado, A. Conrado, I. Perez, A. Z. Lugo-Aranda, L. Sánchez-Menguiano, T. Ruiz-Lara, A. Jiménez, S. Duarte Puetas, J. Domínguez-Gómez, G. Torres-Ríos, M. Argudo-Fernández, G. Blázquez-Calero, M. Alcázar-Laynez, S. Verley, D. Espada, U. Lisenfeld, A. Zurita, E. Florido, B. Bidaran, P. Villalba-González, A. Ferré-Mateu, P. M. Sánchez Alarcón, J. Román, I. del Moral-Castro, & F. Agüi*, 323