

Bibliography from ADS file: sanchez-almeida.bib
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- Sánchez Almeida, J., Calhau, J., Muñoz-Tuñón, C., González-Morán, A. L., & Rodríguez-Espinosa, J. M., “Discovery of Faint Double-peak H α Emission in the Halo of Low Redshift Galaxies”, 2022ApJ...934...100S ADS
- Sánchez Almeida, J., “The Principle of Maximum Entropy and the Distribution of Mass in Galaxies”, 2022Univ...8...214S ADS
- Sánchez-Menguiano, L., Almeida, J. S., Muñoz-Tunon, C., & Sánchez, S. F., “VizieR Online Data Catalog: MaNGA; parameters of 668 galaxies (Sánchez-Menguiano+, 2020)”, 2022yCat...19030052S ADS
- Almeida, J., Riel, N., Rosas, F. M., Duarte, J. C., & Schellart, W. P., “Polarity-reversal subduction zone initiation triggered by buoyant plateau obstruction”, 2022E&PSL...57717195A ADS
- Sánchez Almeida, J., Trujillo, I., & Plastino, A. R., “Physically Motivated Fit to Mass Surface Density Profiles Observed in Galaxies”, 2021ApJ...921...125S ADS
- Henry, A., Rafelski, M., Sunnquist, B., et al., “The Mass-Metallicity Relation at z 1-2 and Its Dependence on the Star Formation Rate”, 2021ApJ...919...143H ADS
- Scholz-Díaz, L., Sánchez Almeida, J., & Dalla Vecchia, C., “History of the gas fuelling star formation in EAGLE galaxies”, 2021MNRAS...505.4655S ADS
- Sánchez Almeida, J. & Trujillo, I., “Numerical simulations of dark matter haloes produce polytropic central cores when reaching thermodynamic equilibrium”, 2021MNRAS...504.2832S ADS
- Pérez-Montero, E., Amorín, R., Sánchez Almeida, J., et al., “Extreme emission-line galaxies in SDSS - I. Empirical and model-based calibrations of chemical abundances”, 2021MNRAS...504.1237P ADS
- Almeida: 2021, Models source code: CE-QUAL-W2 v3.6, FLake (windows version 1.0), Hostetler and ANN (momentum alg.) - Modeling reservoir surface temperatures for regional and global climate models, Zenodo 2021zndo...4803480A ADS
- Putko, J., Sánchez Almeida, J., Muñoz-Tunon, C., et al., “VizieR Online Data Catalog: 3D shapes of extremely metal-poor galaxies (Putko+, 2019)”, 2021yCat...18830010P ADS
- Sánchez-Menguiano, L., Sánchez Almeida, J., Muñoz-Tunon, C., et al., “VizieR Online Data Catalog: SFR & gas-phase metallicity in MaNGA gal. (Sánchez-Menguiano+, 2019)”, 2021yCat...18820009S ADS
- Luo, Y., Heckman, T., Hwang, H.-C., et al., “Evidence for the Accretion of Gas in Star-forming Galaxies: High N/O Abundances in Regions of Anomalously Low Metallicity”, 2021ApJ...908...183L ADS
- Almeida, J. S., Meira, L. A., Oliveira, M. S., & Teixeira, L. S. G., “Direct multielement determination of Cd, Pb, Fe, and Mn in ground coffee samples using energy dispersive X-ray fluorescence spectrometry”, 2021XRS...50...2A ADS
- Sánchez-Menguiano, L., Sánchez Almeida, J., Muñoz-Tuñón, C., & Sánchez, S. F., “Local and Global Gas Metallicity versus Stellar Age Relation in MaNGA Galaxies”, 2020ApJ...903...52S ADS
- Sánchez Almeida, J., Trujillo, I., & Plastino, A. R., “The principle of maximum entropy explains the cores observed in the mass distribution of dwarf galaxies”, 2020A&A...642L...14S ADS
- Prada, F., Content, R., Goobar, A., et al., “White Paper on MAAT@GTC”, 2020arXiv200701603P ADS
- Sánchez Almeida, J., “Analysis of the galaxy size versus stellar mass relation”, 2020MNRAS...495...78S ADS
- Sánchez Almeida, J. & Filho, M., “Triaxiality can Explain the Alleged Dark Matter Deficiency in some Dwarf Galaxies”, 2019RNAAS...3...191S ADS
- Zanella, A., Le Floch, E., Harrison, C. M., et al., “A contribution of star-forming clumps and accreting satellites to the mass assembly of $z \sim 2$ galaxies”, 2019MNRAS...489.2792Z ADS
- Putko, J., Sánchez Almeida, J., Muñoz-Tuñón, C., et al., “Inferring the 3D Shapes of Extremely Metal-poor Galaxies from Sets of Projected Shapes”, 2019ApJ...883...10P ADS
- Sánchez-Menguiano, L., Sánchez Almeida, J., Muñoz-Tuñón, C., et al., “Characterizing the Local Relation between Star Formation Rate and Gas-phase Metallicity in MaNGA Spiral Galaxies”, 2019ApJ...882...9S ADS
- García-Días, R., Allende Prieto, C., Sánchez Almeida, J., & Alonso Palicio, P., “Machine learning in APOGEE. Identification of stellar populations through chemical abundances”, 2019A&A...629A...34G ADS
- García-Días, R., Allende Prieto, C., Sánchez Almeida, J., & Alonso Palicio, P., “VizieR Online Data Catalog: APOGEE stars members of 35 star clusters (García-Días+, 2019)”, 2019yCat...36290034G ADS
- Ruiz-Lara, T., Trujillo, I., Beasley, M. A., et al., “Stellar content, planetary nebulae, and globular clusters of [KKS2000]04 (NGC 1052-DF2)”, 2019MNRAS...486.5670R ADS
- Elmegreen, B., Elmegreen, D. M., Andersen, M., et al.: 2019, Accretion-Triggered Starbursts in Tadpole Galaxies, HST Proposal. Cycle 27, ID. #15860 2019hst...prop15860E ADS
- Trujillo, I., Beasley, M. A., Borlaff, A., et al., “A distance of 13 Mpc resolves the claimed anomalies of the galaxy lacking dark matter”, 2019MNRAS...486.1192T ADS
- Sánchez Almeida, J. & Sánchez-Menguiano, L., “The Fundamental Metallicity Relation Emerges from the Local Anti-correlation between Star Formation Rate and Gas-phase Metallicity that Exists in Disk Galaxies”, 2019ApJ...878L...6S ADS
- Filho, M. E., Tabatabaei, F. S., Sánchez Almeida, J., Muñoz-Tuñón, C., & Elmegreen, B. G., “Global correlations between the radio continuum, infrared, and CO emissions in dwarf galaxies”, 2019MNRAS...484...543F ADS
- Hwang, H.-C., Barrera-Ballesteros, J. K., Heckman, T. M., et al., “Anomalously Low-metallicity Regions in MaNGA Star-forming Galaxies: Accretion Caught in Action?”, 2019ApJ...872...144H ADS
- Sánchez Almeida, J., Olmo-García, A., Elmegreen, B. G., et al., “A Headless Tadpole Galaxy: The High Gas-phase Metallicity of the Ultra-diffuse Galaxy UGC 2162”, 2018ApJ...869...40S ADS
- Filho, M. E. & Sánchez Almeida, J., “An unusual transient in the extremely metal-poor Galaxy SDSS J094332.35+332657.6 (Leoncino Dwarf)”, 2018MNRAS...478.2541F ADS
- Pérez-Montero, E., Sánchez-Almeida, J., Amorín, R., et al., “Extremely metal-poor galaxies: Chemical laboratories of the Early Universe”, 2018cagn.conf...49P ADS
- Gil de Paz, A., Carrasco, E., Gallego, J., et al., “First scientific observations with MEGARA at GTC”, 2018SPIE10702E...17G ADS
- Carrasco, E., Gil de Paz, A., Gallego, J., et al., “MEGARA, the R=6000-20000 IFU and MOS of GTC”, 2018SPIE10702E...16C ADS
- Sánchez Almeida, J., Caon, N., Muñoz-Tuñón, C., Filho, M., & Cerviño, M., “Local anticorrelation between star formation rate and gas-phase metallicity in disc galaxies”, 2018MNRAS...476.4765S ADS
- Elmegreen, B. G., Herrera, C., Rubio, M., et al., “NOEMA Observations of a Molecular Cloud in the Low-metallicity Galaxy Kiso 5639”, 2018ApJ...859L...22E ADS
- Sánchez Almeida, J. & Dalla Vecchia, C., “The Origin of the Relation between Metallicity and Size in Star-forming Galaxies”, 2018ApJ...859...109S ADS
- Sánchez Almeida, J. & Martínez González, M. J.: 2018, Cosmic Magnetic Fields 2018cmf...book...S ADS
- García-Días, R., Allende Prieto, C., Sánchez Almeida, J., & Ordovás-Pascual, I., “Machine learning in APOGEE. Unsupervised spectral classification with K-means”, 2018A&A...612A...98G ADS
- Abolfathi, B., Aguado, D. S., Aguilar, G., et al., “The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment”, 2018ApJS...235...42A ADS
- García-Días, R., Allende Prieto, C., Sánchez Almeida, J., & Ordovás-Pascual, I., “VizieR Online Data Catalog: APOGEE full information on classes (García-Días+, 2018)”, 2018yCat...36120098G ADS
- Putko, J., Sánchez Almeida, J., Muñoz-Tuñón, C., Elmegreen, B., & Elmegreen, D., “The Shape of Extremely Metal-Poor Galaxies”, 2018AAS...23134002P ADS
- Filho, M. E., Sánchez Almeida, J., & Muñoz Tuñón, C., “Circumgalactic gas absorption in extremely metal-poor dwarf galaxies”, 2017IAUS...321...287F ADS
- Sánchez Almeida, J., Olmo-García, A., Elmegreen, B. G., et al., “Gas accretion from the cosmic web feeding disk galaxies”, 2017IAUS...321...208S ADS
- Vaquero, J. M., Vázquez, M., & Sánchez Almeida, J., “Evidence of a White-Light Flare on 10 September 1886”, 2017SoPh...292...33V ADS
- Trujillo, I., Roman, J., Filho, M., & Sánchez Almeida, J., “The Nearest Ultra Diffuse Galaxy: UGC 2162”, 2017ApJ...836...191T ADS
- Sánchez Almeida, J., Filho, M. E., Dalla Vecchia, C., & Skillman, E. D., “On the Dearth of Ultra-faint Extremely Metal-poor Galaxies”, 2017ApJ...835...159S ADS
- Olmo-García, A., Sánchez Almeida, J., Muñoz-Tuñón, C., et al., “Kinematics of Extremely Metal-poor Galaxies: Evidence for Stellar Feedback”, 2017ApJ...834...1810 ADS
- Sánchez Almeida, J., “Gas Accretion and Star Formation Rates”, 2017ASSL...430...67S ADS
- Sánchez Almeida, J., Elmegreen, B. G., Muñoz-Tuñón, C., & Elmegreen, D. M., “Gas accretion from the cosmic web in the local Universe”, 2016IAUS...308...390S ADS
- Gil de Paz, A., Gallego, J., Carrasco, E., et al., “MEGARA, the Next Generation Optical MOS and IFU for GTC”, 2016ASPC...507...103G ADS

- Gil de Paz, A., Carrasco, E., Gallego, J., et al., “MEGARA, the new intermediate-resolution optical IFU and MOS for GTC: getting ready for the telescope”, 2016SPIE.9908E..1KG ADS
- Elmegreen, D. M., Elmegreen, B. G., Sánchez Almeida, J., et al., “Hubble Space Telescope Observations of Accretion-Induced Star Formation in the Tadpole Galaxy Kiso 5639”, 2016ApJ...825..145E ADS
- Muñoz-Tuñón, C., Hinojosa Goñi, R., Jairo Méndez Abreu, J., & Sánchez Almeida, J., “Starbursts and Galaxy Evolution: results from COSMOS survey”, 2016ilgp.confE..64M ADS
- Rafelski, M., Elmegreen, B., Elmegreen, D. M., et al.: 2016, *The Role of Galaxy Morphology in the Mass-Metallicity-SFR Relation*, HST Proposal. Cycle 24, ID.#14580 2016hst..prop14580R ADS
- Sánchez Almeida, J., Pérez-Montero, E., Morales-Luis, A. B., et al., “VizieR Online Data Catalog: Extremely metal-poor galaxies in SDSS. II. (Sánchez Almeida+ 2016)”, 2016yCat..18190110S ADS
- Ceverino, D., Sánchez Almeida, J., Muñoz Tuñón, C., et al., “Gas inflow and metallicity drops in star-forming galaxies”, 2016MNRAS.457.2605C ADS
- de la Rosa, I. G., La Barbera, F., Ferreras, I., et al., “The fate of high-redshift massive compact galaxies”, 2016MNRAS.457.1916D ADS
- Filho, M. E., Sánchez Almeida, J., Amorín, R., et al., “The Kennicutt-Schmidt Relation in Extremely Metal-Poor Dwarf Galaxies”, 2016ApJ...820..109F ADS
- Sánchez Almeida, J., Pérez-Montero, E., Morales-Luis, A. B., et al., “Search for Extremely Metal-poor Galaxies in the Sloan Digital Sky Survey. (II). High Electron Temperature Objects”, 2016ApJ...819..110S ADS
- Elmegreen, D. M., Elmegreen, B., Sánchez Almeida, J., et al., “Evidence of Cosmic Accretion in Local Tadpole Galaxies”, 2016AAS...2271101E ADS
- Sánchez Almeida, J., Elmegreen, B. G., Muñoz-Tuñón, C., et al., “Localized Starbursts in Dwarf Galaxies Produced by the Impact of Low-metallicity Cosmic Gas Clouds”, 2015ApJ...810L..15S ADS
- Elmegreen, B. G., Hunter, D. A., Ashley, T., et al., “Gas accretion from halos to disks: observations, curiosities, and problems”, 2015IAUGA..2251098E ADS
- Gil de Paz, A., Gallego, J., Carrasco, E., et al., “MEGARA, the new IFU and MOS for the GTC”, 2015hsa8.conf..804G ADS
- Sánchez Almeida, J., Elmegreen, B. G., Muñoz-Tuñón, C., & Elmegreen, D. M., “Gas accretion from the cosmic web in the local Universe”, 2015hsa8.conf..335S ADS
- Filho, M. E., Sánchez Almeida, J., Muñoz-Tuñón, C., et al., “Extremely Metal-poor Galaxies: The Environment”, 2015ApJ...802...82F ADS
- Morales-Luis, A. B., Pérez-Montero, E., Sánchez Almeida, J., & Muñoz-Tuñón, C., “On the Use of the Index N2 to Derive the Metallicity in Metal-poor Galaxies”, 2014ApJ...797...81M ADS
- Muñoz-Tuñón, C., Sánchez Almeida, J., Elmegreen, D. M., & Elmegreen, B. G., “Star Formation in Tadpole Galaxies”, 2014mbhe.conf..96M ADS
- Sánchez Almeida, J., Muñoz, C., Elmegreen, D., Elmegreen, B. G., & Méndez-Abreu, J., “Does Cold-Flow Accretion Drive Star-Formation in the Local Universe?”, 2014mysc.conf...99S ADS
- Mollá, M., Sánchez Almeida, J., Terlevich, R., et al., “Chemical Evolution of Super Star Clusters in a Positive Star Formation Feedback Scenario”, 2014mysc.conf...79M ADS
- Gil de Paz, A., Gallego, J., Carrasco, E., et al., “MEGARA: a new generation optical spectrograph for GTC”, 2014SPIE.9147E..00G ADS
- Sánchez Almeida, J., Elmegreen, B. G., Muñoz-Tuñón, C., & Elmegreen, D. M., “Star formation sustained by gas accretion”, 2014A&ARv..22...71S ADS
- Ordovás-Pascual, I. & Sánchez Almeida, J., “A fast version of the k-means classification algorithm for astronomical applications”, 2014A&A...565A..530 ADS
- Munoz-Tunon, C., Sánchez Almeida, J., Elmegreen, D. M., & Elmegreen, B. G., “Star Formation in Tadpole Galaxies”, 2014arXiv1404.5170M ADS
- Sánchez Almeida, J., Morales-Luis, A. B., Muñoz-Tuñón, C., et al., “Metallicity Inhomogeneities in Local Star-forming Galaxies as a Sign of Recent Metal-poor Gas Accretion”, 2014ApJ...783...45S ADS
- Filho, M. E., Winkel, B., Sánchez Almeida, J., et al., “Extremely metal-poor galaxies: The H I content”, 2013A&A...558A..18F ADS
- Filho, M. E., Winkel, B., Sánchez Almeida, J., et al., “VizieR Online Data Catalog: HI spectra of extremely metal-poor (XMP) galaxies (Filho+, 2013)”, 2013yCat..35580018F ADS
- Elmegreen, B. G., Elmegreen, D. M., Sánchez Almeida, J., et al., “Massive Clumps in Local Galaxies: Comparisons with High-redshift Clumps”, 2013ApJ...774...86E ADS
- Sánchez-Janssen, R., Amorín, R., García-Vargas, M., et al., “A Virtual Observatory Census to Address Dwarf Origins (AVOCADO). I. Science goals, sample selection, and analysis tools”, 2013A&A...554A..20S ADS
- Hernán-Caballero, A., Alonso-Herrero, A., Pérez-González, P. G., et al., “Study of the AGN population at intermediate redshifts in the SHARDS survey”, 2013hsa7.conf..442H ADS
- Morales-Luis, A. B., Sánchez Almeida, J., Pérez Montero, E., et al., “Oxygen abundance from strong-line methods at extremely low metallicities”, 2013hsa7.conf..294M ADS
- Sánchez Almeida, J., Aguerri, J. A. L., & Muñoz-Tuñón, C., “Outliers of the ASK classification as targets for GTC serendipity”, 2013RMxAC..42..111S ADS
- Gil de Paz, A., Carrasco, E., Gallego, J., et al., “MEGARA: The future IFU and MOS of the 10.4 m GTC”, 2013RMxAC..42...90G ADS
- Sánchez Almeida, J., Muñoz-Tuñón, C., Elmegreen, D. M., Elmegreen, B. G., & Méndez-Abreu, J., “Local Tadpole Galaxies: Dynamics and Metallicity”, 2013ApJ...767...74S ADS
- Sánchez Almeida, J. & Allende Prieto, C., “Automated Unsupervised Classification of the Sloan Digital Sky Survey Stellar Spectra using k-means Clustering”, 2013ApJ...763...50S ADS
- Ahn, C. P., Alexandroff, R., Allende Prieto, C., et al., “The Ninth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Baryon Oscillation Spectroscopic Survey”, 2012ApJS..203...21A ADS
- Gil de Paz, A., Carrasco, E., Gallego, J., et al., “MEGARA: the future optical IFU and multi-object spectrograph for the 10.4m GTC telescope”, 2012SPIE.8446E..40G ADS
- Sánchez Almeida, J., Terlevich, R., Terlevich, E., Cid Fernandes, R., & Morales-Luis, A. B., “Qualitative Interpretation of Galaxy Spectra”, 2012ApJ...756..163S ADS
- Mayya, Y. D., Rosa González, D., Vega, O., et al., “Flux-Calibrated Emission-Line Imaging of Extended Sources Using GTC/OSIRIS Tunable Filters”, 2012PASP..124..895M ADS
- Elmegreen, D. M., Elmegreen, B. G., Sánchez Almeida, J., et al., “Local Tadpole Galaxies”, 2012ApJ...750...95E ADS
- Viticchié, B., Sánchez Almeida, J., Moro, D. D., & Berrilli, F., “Stokes V Asymmetries in the Quiet Sun”, 2012ASPC..455..271V ADS
- Aguerri, J. A. L., Huertas-Company, M., Sánchez Almeida, J., & Muñoz-Tuñón, C., “Dissecting the morphological and spectroscopic properties of galaxies in the local Universe. I. Elliptical galaxies”, 2012A&A...540A.136A ADS
- Ascasibar, Y. & Sánchez Almeida, J., “VizieR Online Data Catalog: ASK spectroscopic sequence of galaxies (Ascasibar+, 2011)”, 2012yCat..74152417A ADS
- Bonet, J. A., Cabello, I., & Sánchez Almeida, J., “Center-to-limb variation of the area covered by magnetic bright points in the quiet Sun”, 2012A&A...539A..6B ADS
- Ascasibar, Y. & Sánchez Almeida, J., “The Distribution of Galaxies in Spectral Space”, in L. M. Sarro, L. Eyer, W. O’Mullane, and J. De Ridder (Eds.), *Astrostatistics and Data Mining*, Vol. 2, 63 2012adm..book...63A ADS
- Elmegreen, D. M., Elmegreen, B. G., Sánchez Almeida, J., et al., “Local Tadpole Galaxies”, 2012AAS...21924409E ADS
- Morales-Luis, A. B., Sánchez Almeida, J., Aguerri, J. A. L., & Muñoz-Tuñón, C., “Systematic Search for Extremely Metal-poor Galaxies in the Sloan Digital Sky Survey”, 2011ApJ...743...77M ADS
- Méndez-Abreu, J., Sánchez Almeida, J., Muñoz-Tuñón, C., et al., “Wavelength Calibration for OSIRIS/GTC Tunable Filters”, 2011PASP..123.1107M ADS
- Ascasibar, Y. & Sánchez Almeida, J., “Do galaxies form a spectroscopic sequence?”, 2011MNRAS.415.2417A ADS
- Sánchez Almeida, J., Aguerri, J. A. L., Muñoz-Tuñón, C., & Huertas-Company, M., “Relationship between Hubble Type and Spectroscopic Class in Local Galaxies”, 2011ApJ...735..125S ADS
- Viticchié, B. & Sánchez Almeida, J., “Asymmetries of the Stokes V profiles observed by HINODE SOT/SP in the quiet Sun”, 2011A&A...530A..14V ADS
- Sánchez Almeida, J.: 2011, *Relationship between Hubble type and spectroscopic class in local galaxies*, IAC Talks, Astronomy and Astrophysics Seminars from the Instituto de Astrofísica de Canarias, id.282 2011iac..talk..282S ADS
- Sánchez Almeida, J. & Martínez González, M., “The Magnetic Fields of the Quiet Sun”, 2011ASPC..437..451S ADS
- Viticchié, B., Sánchez Almeida, J., Del Moro, D., & Berrilli, F., “MISMA Interpretation of Stokes V Asymmetries Measured by HINODE in Internetwork and Network Regions”, 2011ASPC..437..127V ADS
- Viticchié, B., Sánchez Almeida, J., Del Moro, D., & Berrilli, F., “Interpretation of HINODE SOT/SP asymmetric Stokes profiles observed in the quiet Sun network and internetwork”, 2011A&A...526A..60V ADS
- Miralles, M. P. & Sánchez Almeida, J., “The Sun, the Solar Wind, and the Heliosphere”, in M. P. Miralles and J. Sánchez Almeida (Eds.), *The Sun, the Solar Wind, and the Heliosphere*, Vol. 4, 3 2011sswh.book...3M ADS
- Miralles, M. P. & Sánchez Almeida, J.: 2011b, *The Sun, the Solar Wind, and the Heliosphere*, Vol. 4 2011sswh.book...5M ADS
- Huertas-Company, M., Aguerri, J. A. L., Bernardi, M., Mei, S., & Sánchez Almeida, J., “Revisiting the Hubble sequence in the SDSS DR7 spectroscopic sample: a publicly available Bayesian automated classification”, 2011A&A...525A.157H ADS

- Huertas-Company, M., Aguerrí, J. A. L., Bernardi, M., Mei, S., & Sánchez Almeida, J., “*VizieR Online Data Catalog: SDSS automated morphology classification (Huertas-Company+, 2011)*”, 2010yCat...35250157H ADS
- Bonet, J. A., Márquez, I., Sánchez Almeida, J., et al., “*SUNRISE/IMaX Observations of Convectively Driven Vortex Flows in the Sun*”, 2010ApJ...723L.139B ADS
- Sánchez Almeida, J., Aguerrí, J. A. L., Muñoz-Tuñón, C., & de Vicente, A., “*Automatic unsupervised spectral classification of all SDSS/DR7 galaxies*”, 2010ada.confE...3S ADS
- Almeida, J. & Vatrinet, F., “*Safe and Secure Virtualization: Answers for IMA next Generation and Beyond*”, 2010ESASP.682E...56A ADS
- Sánchez Almeida, J., Aguerrí, J. A. L., Muñoz-Tuñón, C., & de Vicente, A.: 2010a, *Automatic unsupervised classification of all Sloan Digital Sky Survey Data Release 7 galaxy spectra*, IAC Talks, Astronomy and Astrophysics Seminars from the Instituto de Astrofísica de Canarias, id.25 2010iac.talk...25S ADS
- Sánchez Almeida, J., Bonet, J. A., Viticchie, B., & Del Moro, D.: 2010b, *Magnetic bright points in the quiet Sun*, IAC Talks, Astronomy and Astrophysics Seminars from the Instituto de Astrofísica de Canarias, id.95 2010iac.talk...95S ADS
- Sánchez Almeida, J., Bonet, J. A., Viticchié, B., & Del Moro, D., “*Magnetic Bright Points in the Quiet Sun*”, 2010ApJ...715L..26S ADS
- Sánchez Almeida, J., Aguerrí, J. A. L., Muñoz-Tuñón, C., & de Vicente, A., “*Automatic Unsupervised Classification of All Sloan Digital Sky Survey Data Release 7 Galaxy Spectra*”, 2010ApJ...714..487S ADS
- Sánchez Almeida, J., “*A Topology for the Penumbral Magnetic Fields*”, 2010ASSP...19..210S ADS
- Sánchez Almeida, J. & Ichimoto, K., “*On the origin of reverse polarity patches found by Hinode in sunspot penumbrae*”, 2009A&A...508..963S ADS
- Sánchez Almeida, J., Aguerrí, J. A. L., Muñoz-Tuñón, C., & Vazdekis, A., “*Search for Blue Compact Dwarf Galaxies During Quiescence. II. Metallicities of Gas and Stars, Ages, and Star Formation Rates*”, 2009ApJ...698.1497S ADS
- Viticchié, B., Sánchez Almeida, J., Landi Degl’Innocenti, E., & Berrilli, F., “*Mn I Lines with Hyperfine Structure Synthesized in Realistic Quiet-Sun Atmospheres*”, 2009ASPC...405..319V ADS
- Almeida, J. & Prochazka, M., “*Safe and Secure Partitioning with Pikeos: Towards Integrated Modular Avionics in Space*”, 2009ESASP.669E..27A ADS
- Sánchez Almeida, J., “*The dynamic magnetic quiet Sun: physical mechanisms and UV signature*”, 2009Ap&SS.320..121S ADS
- Viticchié, B., Berrilli, F., Sánchez Almeida, J., & Orozco Suárez, D., “*MISMA inversion of HINODE SOT/SP data. Preliminary results*”, 2009MmSAI...80..255V ADS
- Sánchez Almeida, J., “*A topology for the penumbral magnetic fields*”, 2008arXiv0811.4319S ADS
- Bonet, J. A., Márquez, I., Sánchez Almeida, J., Cabello, I., & Domingo, V., “*Convectively Driven Vortex Flows in the Sun*”, 2008ApJ...687L.131B ADS
- Bonet, J. A., Márquez, I., Sánchez Almeida, J., Cabello, I., & Domingo, V.: 2008b, *Convectively driven vortex flows in the Sun*, IAC Talks, Astronomy and Astrophysics Seminars from the Instituto de Astrofísica de Canarias, id.143 2008iac.talk..143B ADS
- Viticchié, B., Berrilli, F., Sánchez Almeida, J., & Del Moro, D., “*MISMA inversion of HINODE SOT/SP and IBIS data: Preliminary Results*”, 2008ESPM...12.2.33V ADS
- Sánchez Almeida, J., Muñoz-Tuñón, C., Amorín, R., et al., “*Search for Blue Compact Dwarf Galaxies During Quiescence*”, 2008ApJ...685..194S ADS
- Sánchez Almeida, J., Viticchié, B., Landi Degl’Innocenti, E., & Berrilli, F., “*Quiet-Sun Magnetic Field Measurements Based on Lines with Hyperfine Structure*”, 2008ApJ...675..906S ADS
- Socas-Navarro, H., Borrero, J. M., Asensio Ramos, A., et al., “*Multiline Spectropolarimetry of the Quiet Sun at 5250 and 6302 Å*”, 2008ApJ...674..596S ADS
- Palacios, J., Domingo, V., Cabello, I., Bonet, J. A., & Sánchez Almeida, J., “*Small magnetic structures in the photosphere, radiative properties*”, 2008cosp...37.2331P ADS
- Aldrovandi, R., Almeida, J. P. B., Mayor, C. S. O., & Pereira, J. G., “*de Sitter Relativity and Quantum Physics*”, 2007AIPC...962..175A ADS
- Sánchez Almeida, J., Teriaca, L., Sütterlin, P., et al., “*Search for photospheric footpoints of quiet Sun transition region loops*”, 2007A&A...475..1101S ADS
- Socas-Navarro, H., Borrero, J., Asensio Ramos, A., et al., “*Multi-Line Quiet Sun Spectro-Polarimetry at 5250 and 6302 Å*”, 2007arXiv0710.1099S ADS
- Sánchez Almeida, J., Márquez, I., Bonet, J. A., & Domínguez Cerdeña, I., “*The Evershed Effect Observed with 0.2” Angular Resolution*”, 2007ApJ...658.1357S ADS
- Sánchez Almeida, J., “*A Simple Model for the Distribution of Quiet-Sun Magnetic Field Strengths*”, 2007ApJ...657.1150S ADS
- Márquez, I., Bonet, J. A., Sánchez Almeida, J., & Domínguez Cerdeña, I., “*The Evershed Effect with 0.2 arcsec Angular Resolution*”, 2006ASPC...358...96M ADS
- Domínguez Cerdeña, I., Sánchez Almeida, J., & Kneer, F., “*Quiet-Sun Magnetic Fields: Simultaneous Inversion of Visible and IR Spectro-Polarimetric Observations*”, 2006ASPC...358...88D ADS
- Bonet, J. A., Márquez, I., & Sánchez Almeida, J., “*Proper Motions in Sunspot Penumbrae: Signs of Convection*”, 2006ASPC...358...80B ADS
- Domínguez Cerdeña, I., Sánchez Almeida, J., & Kneer, F., “*Magnetic Fields of the Quiet Sun: Distribution of Field Strengths*”, 2006ASPC...358...48D ADS
- Sánchez Almeida, J., “*The Micro-Structure of a Sunspot Penumbra*”, 2006ASPC...358...13S ADS
- Domínguez Cerdeña, I., Sánchez Almeida, J., & Kneer, F., “*Quiet Sun Magnetic Fields from Simultaneous Inversions of Visible and Infrared Spectropolarimetric Observations*”, 2006ApJ...646.1421D ADS
- Sánchez Almeida, J., “*Magnetic flux in the inter-network quiet Sun from comparison with numerical simulations*”, 2006A&A...450.1199S ADS
- Márquez, I., Sánchez Almeida, J., & Bonet, J. A., “*High-Resolution Proper Motions in a Sunspot Penumbra*”, 2006ApJ...638..553M ADS
- Domínguez Cerdeña, I., Sánchez Almeida, J., & Kneer, F., “*The Distribution of Quiet Sun Magnetic Field Strengths from 0 to 1800 G*”, 2006ApJ...636..496D ADS
- Sánchez Almeida, J., “*On the Sr I $\lambda 4607$ Å Hanle depolarization signals in the quiet Sun*”, 2005A&A...438..727S ADS
- Sánchez Almeida, J., “*Physical Properties of the Solar Magnetic Photosphere under the MISMA Hypothesis. III. Sunspot at Disk Center*”, 2005ApJ...622.1292S ADS
- Okunev, O. V., Domínguez Cerdeña, I., Puschmann, K. G., Kneer, F., & Sánchez Almeida, J., “*Quiet sun magnetic fields vs. polar faculae - local vs. global dynamo?*”, 2005AN...326..2050 ADS
- Corral, L. J. & Sánchez Almeida, J., “*Counting Publications in Astronomy*”, 2005coas.conf...14C ADS
- Domínguez Cerdeña, I., Sánchez Almeida, J., & Kneer, F., “*Simultaneous Visible and IR spectropolarimetry of the quiet Sun*”, 2005ASSL...320..175D ADS
- Sánchez Almeida, J., “*The Magnetism of the Very Quiet Sun*”, 2004ASPC...325..115S ADS
- Sánchez Almeida, J., Márquez, I., Bonet, J. A., Domínguez Cerdeña, I., & Muller, R., “*Bright Points in the Internetwork Quiet Sun*”, 2004ApJ...609L..91S ADS
- Domínguez Cerdeña, I., Sánchez Almeida, J., & Kneer, F., “*Analysis of simultaneous visible and infrared spectropolarimetric observations of quiet Sun*”, 2004ANS...325..94D ADS
- Sánchez Almeida, J., “*Inter-Network magnetic fields observed during the minimum of the solar cycle*”, 2003A&A...411..615S ADS
- Sánchez Almeida, J., Domínguez Cerdeña, I., & Kneer, F., “*Simultaneous Visible and Infrared Spectropolarimetry of a Solar Internetwork Region*”, 2003ApJ...597L.177S ADS
- Sánchez Almeida, J., “*Quiet Sun Magnetic Fields*”, 2003AIPC...679..293S ADS
- Socas-Navarro, H. & Sánchez Almeida, J., “*Magnetic Fields in the Quiet Sun: Observational Discrepancies and Unresolved Structure*”, 2003ApJ...593..581S ADS
- Domínguez Cerdeña, I., Sánchez Almeida, J., & Kneer, F., “*Inter-network magnetic fields observed with sub-arcsec resolution*”, 2003A&A...407..741D ADS
- Sánchez Almeida, J., Emonet, T., & Cattaneo, F., “*Polarization of Photospheric Lines from Turbulent Dynamo Simulations*”, 2003ApJ...585..536S ADS
- Domínguez Cerdeña, I., Kneer, F., & Sánchez Almeida, J., “*Quiet-Sun Magnetic Fields at High Spatial Resolution*”, 2003ApJ...582L..55D ADS
- Eibe, M. T., Sánchez Almeida, J., Mein, P., Aulanier, G., & Malherbe, J. M., “*Na I D₁ Stokes V Asymmetries and Velocity Structure Around Sunspots*”, 2003ASPC...307..374E ADS
- Domínguez Cerdeña, I., Okunev, O., Kneer, F., & Sánchez Almeida, J., “*High Resolution 2D Spectro-polarimetric Observations of Polar Faculae and Quiet Sun in Two Iron Lines*”, 2003ASPC...307..370D ADS
- Sánchez Almeida, J., Emonet, T., & Cattaneo, F., “*The Polarized Spectrum Emerging from Fast Dynamo Simulations*”, 2003ASPC...307..293S ADS
- “*Solar Polarization*”, 2003ASPC...307.....T ADS
- Domínguez Cerdeña, I., Kneer, F., & Sánchez Almeida, J., “*High resolution 2D spectro-polarimetric observations of the quiet Sun in two iron lines*”, 2003AN...324..327D ADS
- Socas-Navarro, H. & Sánchez Almeida, J., “*Magnetic Properties of Photospheric Regions with Very Low Magnetic Flux*”, 2002ApJ...565.1323S ADS

- Almeida, J. S., García, E. C., Santos, M. B., & Fu, P. Z., "Results from the Thermal Vacuum Tests of the Chinese-Brazilian Earth Resources Satellite - CBERS FM2", 2002iaf.confE.478A ADS
- Sánchez Almeida, J., "Thermal Relaxation of Very Small Solar Magnetic Structures in Intergranules: A Process That Produces Kilogauss Magnetic Field Strengths", 2001ApJ...556..928S ADS
- Sánchez Almeida, J., Asensio Ramos, A., Trujillo Bueno, J., & Cernicharo, J., "G-Band Spectral Synthesis in Solar Magnetic Concentrations", 2001ApJ...555..978S ADS
- Sánchez Almeida, J., "Spectral signature of uncombed penumbral magnetic fields. Comment", 2001A&A...369..643S ADS
- Sánchez Almeida, J., "The Micro-Structure of the Solar Magnetic Fields", 2001ASPC...248...55S ADS
- Sánchez Almeida, J., "Ghost Magnetic Structures in the Sun and Solar-type Stars (CD-ROM Directory: contribs/sanchez)", 2001ASPC...223..145S ADS
- Sánchez Almeida, J., "Elusive Magnetic Structures in the Sun and Solar-Type Stars", 2000ApJ...544.1135S ADS
- Sánchez Almeida, J. & Lites, B. W., "Physical Properties of the Solar Magnetic Photosphere under the MISMA Hypothesis. II. Network and Internetwork Fields at the Disk Center", 2000ApJ...532.1215S ADS
- Sánchez Almeida, J. & Trujillo Bueno, J., "Radiative Transfer in Weakly Polarizing Media", 1999ApJ...526.1013S ADS
- Sánchez Almeida, J., "The profuse optically-thin irregularities of the photospheric magnetic fields", 1999AIPC...471...55S ADS
- Sánchez Almeida, J., "The current status of the MISMA hypothesis", 1999ASSL...243..251S ADS
- Martínez Pillet, V., Collados, M., Sánchez Almeida, J., et al., "LPSP & TIP: Full Stokes Polarimeters for the Canary Islands Observatories", 1999ASPC...183..264M ADS
- Sánchez Almeida, J. & Bonet, J., "The Spectrum of Intensity Fluctuations Across Penumbral Filaments", 1999ASPC...183...87S ADS
- Sánchez Almeida, J., "Influence of Unresolved Optically-Thin Irregularities on Quiet Sun Magnetic Field Determinations", 1999AGAb...15Q..10S ADS
- Sánchez Almeida, J. & Bonet, J. A., "The Spectrum of Fluctuations across Penumbral Filaments", 1998ApJ...505.1010S ADS
- Sánchez Almeida, J., "Optically Thin Irregularities in the Penumbrae of Sunspots", 1998ApJ...497..967S ADS
- Sánchez Almeida, J., "The Unresolved Structure of Photospheric Magnetic Fields: Truths, Troubles and Tricks (Invited review)", 1998ASPC...155...54S ADS
- Sánchez Almeida, J., "Physical Properties of the Solar Magnetic Photosphere under the MISMA Hypothesis. I. Description of the Inversion Procedure", 1997ApJ...491..993S ADS
- Sánchez Almeida, J., "Chromospheric polarity reversals on sunspots. Are they consistent with weak line emission?", 1997A&A...324..763S ADS
- Sánchez Almeida, J., Collados, M., Martínez Pillet, V., et al., "The IAC Solar Polarimeters: Goals and Review of Two Ongoing Projects", 1997ASPC...118..366S ADS
- Sánchez Almeida, J., Ruiz Cobo, B., & del Toro Iniesta, J. C., "Heights of formation for measurements of atmospheric parameters.", 1996A&A...314..295S ADS
- Sánchez Almeida, J., Landi Degl'Innocenti, E., Martínez Pillet, V., & Lites, B. W., "Line Asymmetries and the Microstructure of Photospheric Magnetic Fields", 1996ApJ...466..537S ADS
- Sánchez Almeida, J. & Landi Degl'innocenti, E., "Micro-structured magnetic atmospheres", 1996SoPh...164..203S ADS
- Collados, M., Rodríguez Hidalgo, I., Ballesteros, E., et al., "Two-dimensional, high spatial resolution, solar spectroscopy using a Correlation Tracker. II. Maps of spectral quantities.", 1996A&AS...115..367C ADS
- Rodríguez Hidalgo, I., Ruiz Cobo, B., del Toro Iniesta, J. C., Collados, M., & Sánchez Almeida, J., "Empirical granular/intergranular average model at-mospheres.", 1996joso.proc...162R ADS
- Ruiz Cobo, B., del Toro Iniesta, J. C., Rodríguez Hidalgo, I., Collados, M., & Sánchez Almeida, J., "Empirical model of an average solar granule", 1996ASPC...109..155R ADS
- Sánchez Almeida, J., Martínez Pillet, V., & Kneer, F., "A proposal for a low instrumental polarization coude telescope. II. The German Gregory-Coude Telescope at the Observatorio del Teide.", 1995A&AS...113..359S ADS
- Sánchez Almeida, J., "Uncertainties in the determination of the Stokes parameters due to photon noise.", 1995A&AS...109..417S ADS
- Sánchez Almeida, J. & Rebolo, R., "Lithium at High Redshifts", 1995lea.conf...85S ADS
- Barrado Y Navascués, D., de Castro, E., García López, R. J., Sánchez Almeida, J., & Montesinos, B., "Li, Na, K and H α in a Sunspot", 1995IAUS...176P.123B ADS
- Sánchez Almeida, J., "Instrumental polarization in the focal plane of telescopes. II. Effects induced by seeing", 1994A&A...292..713S ADS
- Sánchez Almeida, J. & Martínez Pillet, V., "The Inclination of Network Magnetic Fields", 1994ApJ...424.1014S ADS
- Vela Villahoz, E., Sánchez Almeida, J., & Wittmann, A. D., "Spectral lines unaffected by instrumental polarization. II. Selected lines of astrophysical interest", 1994A&AS...103..293V ADS
- Sánchez Almeida, J. & Martínez Pillet, V., "Instrumental polarization of telescopes: a laboratory test of the diffraction model", 1994smf.conf...343S ADS
- Vela Villahoz, E. & Sánchez Almeida, J., "Spectral lines insensitive to instrumental polarization", 1994smf.conf...340V ADS
- Sánchez Almeida, J. & Martínez Pillet, V., "The inclination of magnetic fields in small-scale flux concentrations", 1994smf.conf...316S ADS
- Sánchez Almeida, J., "Instrumental polarization.", 1994imfm.conf...106S ADS
- Sánchez Almeida, J. & Vela Villahoz, E., "Spectral lines unaffected by instrumental polarization. I: Theory", 1993A&A...280..688S ADS
- Vela Villahoz, E., Sánchez Almeida, J., & Wittmann, A. D., "VizieR On-line Data Catalog: Lines unaffected by polarization (Vela Villahoz+ 1994)", 1993yCat...41030293V ADS
- Sánchez Almeida, J. & Martínez Pillet, V., "Polarizing properties of grazing-incidence X-ray mirrors - Comment", 1993ApOpt...32.4231S ADS
- Trujillo Bueno, J., Martínez Pillet, V., Sánchez Almeida, J., & Landi Degl'Innocenti, E., "Atomic orientation in chromospheric lines.", 1993ASPC...46..526T ADS
- Sánchez Almeida, J., Martínez Pillet, V., & Lites, J. T. B. B. W., "High Angular Resolution Stokes V Spectra in Penumbrae", 1993ASPC...46..192S ADS
- Sánchez Almeida, J. & Lites, B. W., "Asymmetric Stokes Q, U and V Line Profiles Observed in Sunspots", 1993ASPC...46..177S ADS
- Ripodas, P., Collados, M., Sánchez Almeida, J., & García López, R. J., "A multi-line method to determine stellar magnetic fields", 1993ASPC...40..196R ADS
- Davies, R. D., Watson, R. A., Daintree, E. J., et al., "Observations of the microwave background on a scale of 8 deg. I - The observing system", 1992MNRAS...258..605D ADS
- Sánchez Almeida, J. & Lites, B. W., "Observation and Interpretation of the Asymmetric Stokes Q, U, and V Line Profiles in Sunspots", 1992ApJ...398..359S ADS
- Sánchez Almeida, J. & Martínez Pillet, V., "Instrumental polarization in the focal plane of telescopes", 1992A&A...260..543S ADS
- Sánchez Almeida, J., "Radiative transfer for polarized light: Equivalence between Stokes parameters and coherency matrix formalisms", 1992SoPh...137...1S ADS
- Martínez Pillet, V. & Sánchez Almeida, J., "A proposal for a low instrumental polarization coude telescope", 1991A&A...252..861M ADS
- Pillet, V. M. & Almeida, J. S., "Spectrograph distortion in sunspot line profiles", 1991SoPh...134..403P ADS
- Martínez Pillet, V. & Sánchez Almeida, J., "Spectrograph distortion in sunspot line profiles", 1991SoPh...134..403M ADS
- Sánchez Almeida, J., Martínez Pillet, V., & Wittmann, A. D., "The instrumental polarization of a Gregory-Coude telescope", 1991SoPh...134...1A ADS
- Sánchez Almeida, J. & Martínez Pillet, V., "Performance of the IAC Stokes I and V analyzer.", 1991sopo.work...191S ADS
- Ripodas, P., Sánchez Almeida, J., García López, R. J., & Collados, M., "Magnetic Flux Determination in Late-Type Dwarfs", in I. Tuominen, D. Moss, and G. Rüdiger (Eds.), IAU Colloq. 130: The Sun and Cool Stars. Activity, Magnetism, Dynamos, Vol. 380, 417 1991LNP...380..417R ADS
- Sánchez Almeida, J. & García López, R. J., "A New Technique to Measure Magnetic Field Strength in Active Stars", in I. Tuominen, D. Moss, and G. Rüdiger (Eds.), IAU Colloq. 130: The Sun and Cool Stars. Activity, Magnetism, Dynamos, Vol. 380, 414 1991LNP...380..414S ADS
- Ruiz Cobo, B., del Toro Iniesta, J. C., Collados, M., & Sánchez Almeida, J., "Numerical Test of a New V-Profile Inversion Technique", 1990Ap&SS...170..113R ADS
- Sánchez Almeida, J., Collados, M., & del Toro Iniesta, J. C., "Velocity Fields Associated with the Magnetic Component of Solar Faculae", 1990Ap&SS...170..31S ADS
- del Toro Iniesta, J. C., Collados, M., Sánchez Almeida, J., Martínez Pillet, V., & Ruiz Cobo, B., "Facular points and small-scale magnetic elements", 1990Ap&SS...170...9D ADS
- del Toro Iniesta, J. C., Collados, M., Sánchez Almeida, J., Martínez Pillet, V., & Ruiz Cobo, B., "Are small-scale magnetic concentrations spatially coincident with bright facular points?", 1990A&A...233..570D ADS
- del Toro Iniesta, J. C., Collados, M., Sánchez Almeida, J., & Semel, M., "Spectropolarimetry of solar faculae - High spatial resolution results", 1990A&A...227..591D ADS
- Sánchez Almeida, J., Collados, M., & del Toro Iniesta, J. C., "On the generation of the net circular polarization observed in solar faculae", 1989A&A...222..311S ADS

- Sánchez Almeida, J., Collados, M., & Del Toro Iniesta, J. C., “*Les facules solaires ou comment observer l’invisible.*”, 1989Rech...20...810S [ADS](#)
- Sánchez Almeida, J., Collados, M., & del Toro Iniesta, J. C., “*An explanation for the Stokes V asymmetry in solar faculae*”, 1988A&A...201L...37S [ADS](#)
- Sánchez Almeida, J., Collados, M., del Toro Iniesta, J. C., & Solanki, S. K., “*Magnetic field strength in solar flux tubes - A model atmosphere independent determination*”, 1988A&A...196...266S [ADS](#)
- Sánchez Almeida, J.: 1988, “*Estudio de la componente magnética de fáculas y red fotosférica*Estudio de la componente magnética de fáculas y red fotosféricaStudy of the magnetic component of faculae and the photospheric network;”, Ph.D. thesis, University of La Laguna, Spain 1988PhDT.....280S [ADS](#)
- Davies, R. D., Lasenby, A. N., Watson, R. A., et al., “*Sensitive measurement of fluctuations in the cosmic microwave background*”, 1987Natur.326...462D [ADS](#)
- Del Toro Iniesta, J. C., Semel, M., Collados, M., & Sánchez Almeida, J., “*Continuum intensity and magnetic flux of solar fluxtubes.*”, 1987PAICz...66...265D [ADS](#)
- Almeida, J. & Kaeppler, F., “*Isotopic neon cross sections for a study of neutron balance and temperature during s-process nucleosynthesis*”, 1983ApJ...265...417A [ADS](#)
- Almeida, J. & Kappeler, F., “*Neutron capture cross sections of $^{20,21,22}\text{Ne}$ between 5 and 400 keV and the neutron balance in s-process nucleosynthesis.*”, 1983ndst.conf...948A [ADS](#)