

Bibliography from ADS file: vazquez.bib
 September 14, 2022

- Buu, C., Calvo, J., Cheng, T. H., & Vázquez, M., “*Ka-Band Monopulse Antenna Pointing Calibration Using Wideband Radio Sources*”, 2010IPNPR.182A...1B [ADS](#)
- García-Miro, C., Moll, E., Vázquez, M., & Kuiper, T. B. H., “*Studies of CSS/GPS sources with the Deep Space Network antennas in Madrid*”, 2009AN....330..137G [ADS](#)
- Pallé, E., Ford, E. B., Seager, S., Montañés-Rodríguez, P., & Vázquez, M., “*Identifying the Rotation Rate and the Presence of Dynamic Weather on Extrasolar Earth-like Planets from Photometric Observations*”, 2008ApJ...676.1319P [ADS](#)
- Pallé, E., Montañés-Rodríguez, P., Vázquez, M., Ford, E. B., & Seager, S., “*Cloudiness and Apparent Rotation Rate of Earth-like Planets*”, 2008ASPC..398..399P [ADS](#)
- Rochblatt, D., Richter, P., Withington, P., Vázquez, M., & Calvo, J., “*New Antenna Calibration Techniques in the Deep Space Network*”, 2007IPNPR.169A...1R [ADS](#)
- Vázquez, M. E., “*Human Exploration of Phobos and Deimos: Radioprotection Issues*”, 2007epd..conf...40V [ADS](#)
- Casas, R., Vaquero, J. M., & Vázquez, M., “*Solar Rotation in the 17th century*”, 2006SoPh..234..379C [ADS](#)
- Guida, P., Vázquez, M., & Kim, A., “*Neurotoxicity of human neural cells induced by space radiation: in vitro risk assessment and countermeasure*”, 2006cosp...36..669G [ADS](#)
- Worgul, B. V., Smilnov, L., Brenner, D. J., Vázquez, M., & Hall, E. J., “*Mice heterozygous for the ATM gene are more sensitive to both X-ray and heavy ion exposure than are wildtypes*”, 2005AdSpR..35..254W [ADS](#)
- Worgul, B., Smilnov, L., Brenner, D., Vázquez, M., & Hall, E., “*Mice heterozygous for the ATM gene are more sensitive to heavy ions exposure than are wildtypes*”, 2004cosp...35.4027W [ADS](#)
- Vázquez, M., Bruneus, M., Gatley, J., Russell, S., & Billups, A., “*Effect of 1 GeV/n Fe particles on cocaine-stimulated locomotor activity*”, 2004cosp...35.3082V [ADS](#)
- Vázquez, M., Guida, P., Green, L., Chang, P., & Otto, S., “*Cellular and molecular effects of high-LET radiation on human neural stem cells and neurons*”, 2004cosp...35.3061V [ADS](#)
- Gatley, S. J., Vázquez, M. E., & Rice, O., “*Animal imaging studies of potential brain damage*”, 2004cosp...35.3060G [ADS](#)
- Nojima, K., Vázquez, M. E., Okayasu, R., & Nagaoka, S., “*Effects of Low Dose Particle Radiation to Mouse Neonatal Neurons in Culture*”, 2004cosp...35.2542N [ADS](#)
- Koniarek, J. P., Thomas, J. L., & Vázquez, M., “*Detection of microlesions induced by heavy ions using liposomes filled with fluorescent dye*”, 2004AdSpR..34.1373K [ADS](#)
- Narici, L., Belli, F., Bidoli, V., et al., “*The ALTEA/ALTEINO projects: studying functional effects of microgravity and cosmic radiation*”, 2004AdSpR..33.1352N [ADS](#)
- Sannita, W. G., Acquaviva, M., Ball, S. L., et al., “*Effects of heavy ions on visual function and electrophysiology of rodents: the ALTEA-MICE project*”, 2004AdSpR..33.1347S [ADS](#)
- Koniarek, J., Thomas, J., & Vázquez, M., “*Fluorescein dye filled vesicles as models for detection of microlesions*”, 2002cosp...34E2659K [ADS](#)
- Vázquez, M., Gatley, J., Bruneus, M., Koslosky, S., & Billups, A., “*Behavioral effects of heavy ions and protons and potential countermeasure agents*”, 2002cosp...34E2300V [ADS](#)
- Vázquez, M., Otto, S., Estevez, L., et al., “*Effects of high-LET radiation on neural cells in culture: apoptosis induction, cell toxicity and gene expression*”, 2002cosp...34E2299V [ADS](#)
- Cosentino, O., Caballero, F., Ibba, R., et al., “*Transmediterranean flights, in the edge of two centuries*”, 2002cosp...34E.378C [ADS](#)
- Thejll, P., Ulla, A., Hansmeier, A., et al., “*Earthshine: A Proposal To Build An Automatic System For Observing Terrestrial Albedo.*”, 2002EGSGA..27.4058T [ADS](#)
- Bonet, J. A., Casas, R., Giannanco, C., Martínez Pillet, V., & Vázquez, M., “*Long-Term Observations of Solar Active Regions at the VNT*”, 2000ESASP.463..635B [ADS](#)
- Vázquez, M. E. & Kirk, E., “*In Vitro Neurotoxic Effects of 1 GeV/n Iron Particles Assessed in Retinal Explants*”, 2000AdSpR..25.2041V [ADS](#)
- Curtis, S. B., Vázquez, M. E., Wilson, J. W., Atwell, W., & Kim, M. H. Y., “*Cosmic Ray Hits in the Central Nervous System at Solar Maximum*”, 2000AdSpR..25.2035C [ADS](#)
- Curtis, S. B., Vázquez, M. E., Wilson, J. W., et al., “*Cosmic ray hit frequencies in critical sites in the central nervous system*”, 1998AdSpR..22..197C [ADS](#)
- Vázquez, M. E., “*Neurobiological problems in long-term deep space flights*”, 1998AdSpR..22..171V [ADS](#)
- Vázquez, M. E., “*Preface*”, 1998AdSpR..22..169V [ADS](#)
- Collados, M., Joven, E., Fuentes, F. J., et al., “*The IAC’s Near Infrared Camera*”, 1997ASPC..118..361C [ADS](#)
- , “*Ist Advances in Solar Physics Euroconference: Advances in the Physics of Sunspots*”, 1997ASPC..118.....S [ADS](#)
- Marco, E., Aballe Villero, M. A., Vázquez, M., & García de La Rosa, J. I., “*Spatial changes of the oscillatory pattern in sunspot penumbras at the photospheric level.*”, 1996A&A...309..284M [ADS](#)
- Marquez, I., Bonet, J. A., & Vázquez, M., “*Numerical modelling of spectral line asymmetries in photospheric structures. II. Plage regions.*”, 1996A&A...306..305M [ADS](#)
- Sánchez, R., Vázquez, M., & Andrews, A. D., “*Book-Review : New Windows to the Universe vol. 1 and 2*”, 1996IrAJ...23Q.127S [ADS](#)
- Marquez, I., Bonet, J. A., Vázquez, M., & Wöhl, H., “*Numerical modelling of spectral line asymmetries in photospheric structures. I. Quiet Sun.*”, 1996A&A...305..316M [ADS](#)
- Barcala, J., Vázquez, M. C., & García, A., “*Optic systems with spherical, cylindrical, and toric surfaces*”, 1995ApOpt..34.4900B [ADS](#)
- Bonet, J. A., Sobotka, M., & Vázquez, M., “*Photometry of sunspot pores from partial eclipse observations.*”, 1995A&A...296..241B [ADS](#)
- Collados, M., Martínez Pillet, V., Ruiz Cobo, B., del Toro Iniesta, J. C., & Vázquez, M., “*Observed differences between large and small sunspots.*”, 1994A&A...291..622C [ADS](#)
- Vázquez, M. E., Broglia, T. M., Worgul, B. V., & Benton, E. V., “*Neuritogenesis: A model for space radiation effects on the central nervous system*”, 1994AdSpR..14j.467V [ADS](#)
- Rodríguez Hidalgo, I., Collados, M., & Vázquez, M., “*Variations of properties of the quiet photosphere along the equator and the central meridian: Spectroscopic results*”, 1994A&A...283..263R [ADS](#)
- Hanslmeier, A., Bonet, J. A., & Vázquez, M., “*Spatially highly resolved time series of solar granulation spectra.*”, 1994AGAb...10..114H [ADS](#)
- Martínez Pillet, V., Moreno-Insertis, F., & Vázquez, M., “*The distribution of sunspot decay rates.*”, 1993A&A...274..521M [ADS](#)
- Martínez Pillet, V., & Vázquez, M., “*The continuum intensity-magnetic field relation in sunspot umbrae*”, 1993A&A...270..494M [ADS](#)
- Martínez Pillet, V., Moreno-Insertis, F., & Vázquez, M., “*The Distribution of Sunspot Decay Rates*”, 1993ASPC...46..67M [ADS](#)
- Martínez Pillet, V., & Vázquez, M., “*The Continuum Intensity Magnetic Field Relation in Sunspot Umbrae*”, 1993ASPC...46..60M [ADS](#)
- Sobotka, M., Bonet, J. A., & Vázquez, M., “*High Resolution Observations of Umbral Fine Structure*”, 1993ASPC...46..20S [ADS](#)
- Aballe Villero, M. A., Marco, E., Vázquez, M., & García de La Rosa, J. I., “*On the correlation of power in sunspot umbral oscillations with continuum brightness*”, 1993A&A...267..275A [ADS](#)
- Rodríguez Hidalgo, I., Collados, M., & Vázquez, M., “*Centre-to-limb variation of solar granulation along the equator and the central meridian*”, 1992A&A...264..661R [ADS](#)
- Sánchez, F., Collados, M., Vázquez, M., & Staude, J., “*Book-Review - Solar Observations - Techniques and Interpretation - First Canary Islands Winter School of Astrophysics*”, 1992AN....313Q.302S [ADS](#)
- Sobotka, M., Bonet, J. A., & Vázquez, M., “*Spectroscopic determination of intensities of umbral bright features and adjacent background*”, 1992A&A...260..437S [ADS](#)
- Sobotka, M., Bonet, J. A., & Vázquez, M., “*On the relation between the intensities of bright features and the local background in sunspot umbrae*”, 1992A&A...257..757S [ADS](#)
- Sánchez, F., Collados, M., & Vázquez, M., “*Book-Review - Solar Observations - Techniques and Interpretations*”, 1992Sci...255.1757S [ADS](#)
- Rodríguez Hidalgo, I., Collados, M., & Vázquez, M., “*Estimating the Degradation of Brightness Power Spectra of Solar Granulation from Images Outside the Disk Centre*”, 1992A&A...254..371R [ADS](#)
- Sánchez, F., Collados, M., & Vázquez, M.: 1992, *Solar observations : techniques and interpretation* 1992sot1.book.....S [ADS](#)
- Sánchez, F., & Vázquez, M., “*Book-Review - New Windows to the Universe*”, 1991Sci...254.1667S [ADS](#)
- Sánchez, F., Collados, M., & Vázquez, M.: 1991, *Solar Observations* 1991soob.book.....S [ADS](#)
- Sánchez, F., & Vázquez, M., “*Book-Review - New Windows to the Universe - 11TH European Regional Astronomy Meeting - V.1&2*”, 1991JBAA..101..128S [ADS](#)
- Bonet, J. A., Marquez, I., Vázquez, M., & Wöhl, H., “*Asymmetries and shifts of the solar K I 7699 Å line and possible evidence for gravity waves in the quiet photosphere*”, 1991A&A...244..492B [ADS](#)
- Vázquez, M., “*Solar Research at the I.A.C.*”, 1991ApL&C..28..113V [ADS](#)
- Martínez Pillet, V., García López, R. J., del Toro Iniesta, J. C., et al., “*Circular Polarization of the Ca II H and K Lines in Solar Quiet and Active Regions*”, 1990ApJ...361L..81M [ADS](#)
- Sánchez, F., & Vázquez, M., “*New windows to the universe*”, 1990Ap&SS.171.....S [ADS](#)

- Rodríguez Hidalgo, I., Collados, M., & Vázquez, M., "Fried's Parameter Derived from Observations of Granulation Outside the Disk Centre", 1990Ap&SS.170..155R [ADS](#)
- Aballe Villero, M. A., García de La Rosa, J. I., Vázquez, M., & Marco, E., "Oscillatory Behaviour in Sunspot Umbrae", 1990Ap&SS.170..121A [ADS](#)
- Martínez Pillet, V. & Vázquez, M., "On the Continuum Intensity Magnetic Field Relation Along the Decay Phase of Sunspots", 1990Ap&SS.170..75M [ADS](#)
- Rodríguez Hidalgo, I., Collados, M., & Vázquez, M., "Photometry and Spectroscopy of the Solar Granulation Along the Polar Axis and Equator", 1990Ap&SS.170..23R [ADS](#)
- Martínez Pillet, V., Moreno-Insertis, F., & Vázquez, M., "Decay rates of sunspot groups from 1874 to 1976", 1990Ap&SS.170..3M [ADS](#)
- Sánchez, F. & Vázquez, M., "New windows to the universe; Proceedings of the Eleventh European Regional Astronomy Meeting, Universidad de la Laguna, Spain, July 3-8, 1989. Part II", 1990Ap&SS.170.....S [ADS](#)
- Sánchez, F. & Vázquez, M., "Preface", 1990Ap&SS.169D..9S [ADS](#)
- Sánchez, F. & Vázquez, M., "New windows to the universe. Vol.1, Vol.2", 1990Ap&SS.169.....S [ADS](#)
- Martínez Pillet, V., Ruiz Cobo, B., & Vázquez, M., "Stray-light measurements at the Observatorio del Teide", 1990SoPh..125..211M [ADS](#)
- Sánchez, F. & Vázquez, M.: 1990a, New Windows to the Universe, Set, XIth European Meeting of the International Astronomical Union 1990nwus.book.....S [ADS](#)
- Sánchez, F. & Vázquez, M.: 1990b, New windows to the universe. Volumes I, II. Invited review papers and general lectures. 1990nwту. book.....S [ADS](#)
- von Alvensleben, A., Casas, R., Csepura, G., et al., "Comparison of helio-graphic sunspot coordinates observed with seven different solar telescopes.", 1990AGAb...5..43V [ADS](#)
- Schröter, E. H., Vázquez, M., Wyller, A. A., & Wiedemann, E., "Book-Review - the Role of Finescale Magnetic Fields on the Structure of the Solar Atmosphere", 1989AN....310..318S [ADS](#)
- Moreno-Insertis, F. & Vázquez, M., "A statistical study of the decay phase of sunspot groups from 1874 to 1939", 1988A&A...205..289M [ADS](#)
- Schröter, E. H., Vázquez, M., & Wyller, A. A., "Book-Review - the Role of Finescale Magnetic Fields on the Structure of the Solar Atmosphere", 1988S&T....76R.264S [ADS](#)
- Bonet, J. A., Marquez, I., Vázquez, M., & Wöhl, H., "Temporal and center-to-limb variations of the K I 769.9 NM line profiles in quiet and active solar regions", 1988A&A...198..322B [ADS](#)
- Collados, M., del Toro Iniesta, J. C., & Vázquez, M., "Photometry of sunspot penumbrae", 1988A&A...195..315C [ADS](#)
- Collados, M., del Toro Iniesta, J. C., Vázquez, M., & Wöhl, H., "On the Age Dependence of the Asymmetry of Penumbrae of Sunspots", 1988SoPh..117..199C [ADS](#)
- Sánchez, F. & Vázquez, M., "Coordination of Astronomical Observations at the Canary 1049.01-ISLANDS", 1988copia.conf..181S [ADS](#)
- Collados, M., del Toro Iniesta, J. C., & Vázquez, M., "A Statistical Study of the Geometrical Wilson Effect", 1987SoPh..112..281C [ADS](#)
- Collados, M. & Vázquez, M., "A new determination of the solar granulation contrast", 1987A&A...180..223C [ADS](#)
- Collados, M., Rodríguez Hidalgo, I., & Vázquez, M., "Variation of the granulation with the solar latitude.", 1987PAICz..66..41C [ADS](#)
- Collados, M., Marco, E., del Toro, J. C., & Vázquez, M., "Granulation Deformation Near and in Sunspot Regions", 1986SoPh..105..17C [ADS](#)
- Balthasar, H., Vázquez, M., & Wöhl, H., "Differential rotation of sunspot groups in the period from 1874 through 1976 and changes of the rotation velocity within the solar cycle", 1986A&A...155..87B [ADS](#)
- Collados, M., Marco, E., & Vázquez, M., "Photometry of Light-Bridges in Sunspots", in R. Muller (Ed.), High Resolution in Solar Physics, Vol. 223, 299 1985LNP...233..299C [ADS](#)
- Collados, M., García de La Rosa, J. I., Moreno-Insertis, F., & Vázquez, M., "Observations of the Birth and Fine Structure of Sunspot Penumbrae", in R. Muller (Ed.), High Resolution in Solar Physics, Vol. 223, 133 1985LNP...233..133C [ADS](#)
- Marmolino, C., Roberti, G., Severino, G., Vázquez, M., & Wöhl, H., "The response of the line KI 7699 to the solar oscillations", 1984ESASP.220..191M [ADS](#)
- Wöhl, H., Balthasar, H., Koch, A., et al., "New information about solar rotation", 1984S&W...23..73W [ADS](#)
- Cabestany, J. & Vázquez, M., "The Age Decay of Stellar Magnetic Activity in MS Field Solar Type Stars", 1983Ap&SS..97..151C [ADS](#)
- Roca-Cortes, T., Vázquez, M., & Wöhl, H., "Space and time variations of KI 7699 solar line profile", 1983SoPh..88..1R [ADS](#)
- Vázquez, M.: 1983, Introduction to the theory of stellar atmospheres 1983STIN..8331559V [ADS](#)
- Arevalo, M. J., Gomez, R., Vázquez, M., Balthasar, H., & Wöhl, H., "Erratum - Differential Rotation and Meridional Motions of Sunspots from 1874 TO 1902", 1983A&A...117..170A [ADS](#)
- Arevalo, M. J., Gomez, R., Vázquez, M., Balthasar, H., & Wöhl, H., "Differential rotation and meridional motions of sunspots from 1874 to 1902", 1982A&A...111..266A [ADS](#)
- Bonet, J. A., Ponz, J. D., & Vázquez, M., "On the Width Distribution of Penumbral Filaments in Sunspots", 1982SoPh..77..69B [ADS](#)
- García-Alegre, M. C., Vázquez, M., & Wöhl, H., "A model for constructing artificial integrated spectral lines and their Fourier transform properties relevant to the search for differential rotation of stars", 1982A&A...106..261G [ADS](#)
- García-Alegre, M. C., Ponz, J. D., & Vázquez, M., "IUE MG II doublet observations in F and G main sequence stars.", 1981A&A...96..17G [ADS](#)
- Perez Garde, M., Vázquez, M., Schwan, H., & Wöhl, H., "Large-Scale Solar Motions as Determined by Doppler Shift Measurements Using a Linear Photodiode Array", 1981A&A...93..67P [ADS](#)
- Vázquez, M. & Herrera, F., "An Umbral Brightening Associated with a Two-Ribbon Flare", 1979SoPh..64..329V [ADS](#)
- Schröter, E. H., Wöhl, H., Soltau, D., & Vázquez, M., "An attempt to compare the differential rotation of the Ca-network with that of the photospheric plasma.", 1978SoPh..60..181S [ADS](#)
- Simon, J., Mateo, A., & Vázquez, M., "Flamenco Sounding Rocket", 1976ESASP.115..541S [ADS](#)
- Deubner, F. L. & Vázquez, M., "Differential Rotation and the Spot Zones", 1975SoPh..43..87D [ADS](#)
- Casanovas, J., Vázquez, M., & Bonet, J. A., "Aspectos magnéticos de la evolución de las manchas solares.", 1974UrBar..59..79C [ADS](#)
- Vázquez, M., "A Morphological Study of the Light-Bridges in Sunspots", 1973SoPh..31..377V [ADS](#)