



## **Jose Ignacio Gonzalez Serrano**

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## Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

The main research topics are: (a) extragalactic radio sources, (b) radio quasars, (c) extragalactic surveys, (d) broad absorption line QSOs (BALs), and (e) astronomical instrumentation, although I worked on dark matter in spiral galaxies during my stay at Kapteyn Astronomical Institute (The Netherlands).

The main scientific activity has been based on extragalactic surveys, mainly on radio surveys:

(a) cosmic jets in radio galaxies from surveys like 3C, 4C, and B2. One of the main contributions from the B2 studies is a reference paper on optical properties of elliptical galaxies

and the first measurements of the optical counterpart of the M87 jet; (b) involvement in survey

WENSS (Westerbork Northern Sky Survey, at 92 cm) where I was co-PI of the working group

Bright Galaxies; (c) involvement in survey ELAIS (European Large Area ISO Survey) which is

a reference for infrared studies of galaxies and the observed fields are classical cosmological

fields; (d) radio quasars in survey B3; (e) search for high-redshift QSOs based on FIRST

(20 cm), SDSS, and UKIDSS, where we were one of the first groups using neural networks to identify candidates. This research led to starting to work on broad absorption line

QSOs (BALs). I was the coordinator of an international group to search for BALs and study their properties at radio frequencies, including VLBI, VLA observations and optical/UV (VLT, HST,

WHT) and infrared spectroscopy (WHT).

During all these projects I had the opportunity of collaborate with other astronomers in isolated

papers or foreign projects (e.g. on compact radio sources, BALs, environment of radio galaxies, AGNs).

The last years I am involved (as a member of the Core Team) in surveys like OTELO (emissionline

survey with OSIRIS using Guaranteed GTC Time) which is now producing new results on evolution of galaxies in general) and J-PAS. This is a large-area survey in the optical using

narrow band filters that was originally designed to study the dark energy. At the very start of

the project I was the coordinator of the QSO/AGN Working Group.

In the instrumental part, I was a member of the Scientific Definition Group of OSIRIS, the First



Light Instrument of the GTC telescope. I had responsibility on definition of requirements, feasibility studies, scientific cases but the main one was the design of the User Software. This included the Data Reduction Pipeline, Mask Designer, and the Exposure Time Calculator. The last one was fully developed by myself. A need for that ETC software was the calibration of the etalons of the Tunable Filter system of OSIRIS. For that calibration we had to develop a doublecoating model for these narrow-gap etalons.

I have been regularly awarded with observing time at many astronomical facilities worldwide (Roque de los Muchachos, Calar Alto, Paranal, Kitt Peak, VLA, VLBI, HST, IRAM, Effelsberg radio telescope, ISO satellite) and I have participate in some of the Time Allocation Committees).

All the results of my research have been disseminated and published as articles in Astronomy and Astrophysics international journals and as contributions in workshops and conferences in different ways (posters, oral contributions). I participated in the organization of several nationwide conferences (SEA, RSEF, also as an editor). I have also organized several international workshops to teach how to observe with OSIRIS.

I am involved also in outreach activities at local and national level. I have been giving conferences at the university, schools, and in organized scientific events. I have been for 3 years the Director of the Observatorio de Valderredible (Cantabria) aimed to spread Astronomy to the general public.

All my research activity has been founded by either local, national or European concurrent projects. I have been Principal Investigator of around 10 national projects (founded by the different Science or Education or Economy Ministrys). I have also participated in several committees to assign either funds or scientists positions or contracts.

I have been supervisor of several Grade and Master thesis in topics like astronomical instruments, methods to analyse OSIRIS TF data, and searches for QSOs. I have been the supervisor of a PhD thesis about radio QSO and their hosts galaxies, two PhD thesis about BAL radio QSOs and a PhD thesis about neural network methods to select high-redshift QSOs from large-area surveys. All of these new doctors have now either permanent position or postdoc contracts and they continue working on Astronomy.

B.1. Breve descripción del Trabajo de Fin de Grado (TFG) y puntuación obtenida

B.2. Breve descripción del Trabajo de Fin de Máster (TFM) y puntuación obtenida



## General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

Seis (6) sexenios de investigación; último 2024.

Tres tesis dirigidas en los últimos 10 años.

Citas totales: 3348

Promedio de citas/artículo: 21.4

Publicaciones en primer cuartil: 130

Índice H: 29

i10-index: 63 (nº de publicaciones con al menos 10 citas)

i100-index: 7 (nº de publicaciones con al menos 100 citas)

(Datos: Astrophysics Data System / SAO-NASA).



## Jose Ignacio Gonzalez Serrano

Surname(s): **Gonzalez Serrano**  
 Name: **Jose Ignacio**  
 ORCID: **0000-0003-0795-3026**  
 ResearcherID: **K-4996-2017**  
 Contact aut. region/reg.: **Cantabria**  
 Email: **gserrano@ifca.unican.es**

### Current professional situation

- 1** **Employing entity:** Universidad de Cantabria **Type of entity:** University  
**Department:** Astrofísica, Instituto de Física de Cantabria (IFCA)  
**Professional category:** Catedrático de Universidad  
**Start date:** 06/06/2012  
**Type of contract:** Civil servant **Dedication regime:** Full time  
**Primary (UNESCO code):** 210109 - Quasars  
**Secondary (UNESCO code):** 210104 - Galaxies  
**Tertiary (UNESCO code):** 210302 - Telescopes  
**Performed tasks:** Docencia en licenciaturas, grado, máster.  
**Identify key words:** Telescope; Cosmography; Optical astronomy
- 2** **Employing entity:** Universidad de Cantabria  
**Department:** Fisica Moderna e Instituto de Física de Cantabria, Facultad de Ciencias  
**Professional category:** Profesor Titular de Universidad **Leadership and management (Y/N):** Yes  
**Start date:** 22/01/1993  
**Type of contract:** Civil servant **Dedication regime:** Full time  
**Primary (UNESCO code):** 210109 - Quasars  
**Secondary (UNESCO code):** 210104 - Galaxies  
**Tertiary (UNESCO code):** 210302 - Telescopes  
**Performed tasks:** Docencia en Licenciatura en Ciencias Físicas, Licenciatura en Ciencias Matemáticas, Grado en Física, Master en Física y Tecnología Física, Programa de Doctorado. Investigación en quásares, galaxias, radiofuentes, cartografiados extragalácticos, instrumentación astronómica  
**Identify key words:** Physics astrophysics - Galaxies  
**Area of leadership and/or management activity:** University

### Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de Cantabria	Subdirector del departamento de Física Moderna	14/01/2011
2	Universidad de Cantabria	Profesor Titular de Universidad	22/01/1993



	Employing entity	Professional category	Start date
3	Universidad de Cantabria	Director del departamento de Física Moderna	25/01/2001
4	Universidad de Cantabria	Subdirector del departamento de Física Moderna	12/02/1999
5	Universidad de Cantabria	Subdirector del departamento de Física Moderna	01/08/1994
6	Universidad de Cantabria	Ayudante LRU	01/10/1992
7	Universidad de Cantabria	Becario reincorporación MEC	01/10/1990
8	Kapteyn Astronomical Institute (Países Bajos)	Becario postdoctoral MEC	01/10/1988
9	Instituto de Astrofísica de Canarias	Contrato laboral en prácticas	01/10/1985

- 1** **Employing entity:** Universidad de Cantabria      **Type of entity:** University  
**Professional category:** Subdirector del departamento de Física Moderna  
**Start-End date:** 14/01/2011 - 06/06/2012      **Duration:** 1 year - 4 months - 22 days
- 2** **Employing entity:** Universidad de Cantabria      **Type of entity:** University  
**Professional category:** Profesor Titular de Universidad  
**Start-End date:** 22/01/1993 - 05/06/2012      **Duration:** 19 years - 4 months - 13 days
- 3** **Employing entity:** Universidad de Cantabria      **Type of entity:** University  
**Professional category:** Director del departamento de Física Moderna  
**Start-End date:** 25/01/2001 - 29/11/2002      **Duration:** 1 year - 10 months - 4 days
- 4** **Employing entity:** Universidad de Cantabria      **Type of entity:** University  
**Professional category:** Subdirector del departamento de Física Moderna  
**Start-End date:** 12/02/1999 - 24/01/2000      **Duration:** 11 months - 4 days
- 5** **Employing entity:** Universidad de Cantabria      **Type of entity:** University  
**Professional category:** Subdirector del departamento de Física Moderna  
**Start-End date:** 01/08/1994 - 01/12/1995      **Duration:** 1 year - 4 months
- 6** **Employing entity:** Universidad de Cantabria      **Type of entity:** University  
**Professional category:** Ayudante LRU  
**Start-End date:** 01/10/1992 - 21/01/1993      **Duration:** 3 months - 21 days
- 7** **Employing entity:** Universidad de Cantabria      **Type of entity:** University  
**Professional category:** Becario reincorporación MEC  
**Start-End date:** 01/10/1990 - 30/09/1992      **Duration:** 2 years
- 8** **Employing entity:** Kapteyn Astronomical Institute (Países Bajos)      **Type of entity:** University  
**Professional category:** Becario postdoctoral MEC  
**Start-End date:** 01/10/1988 - 30/09/1990      **Duration:** 2 years



**9** **Employing entity:** Instituto de Astrofísica de Canarias

**Type of entity:** Public Research Body

**Professional category:** Contrato laboral en prácticas

**Start-End date:** 01/10/1985 - 30/09/1988

**Duration:** 3 years



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

**University degree:** Higher degree

**Name of qualification:** Licenciado en Ciencias Físicas Especialidad Física Teórica

**Degree awarding entity:** Universidad Autónoma de Madrid **Type of entity:** University

**Date of qualification:** 20/06/1985

#### Doctorates

**Doctorate programme:** Programa Oficial de Doctorado en Astrofísica

**Degree awarding entity:** Universidad de La Laguna **Type of entity:** University

**Date of degree:** 18/07/1990

### Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French		C1	B1	B1	A1
English		C1	C1	C1	C1

## Teaching experience

### General teaching experience

- 1** **Type of teaching:** Official teaching  
**Name of the course:** Física Atómica y Molecular  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Obligatory  
**University degree:** PCEO Grado en Física / Grado en Matemáticas  
**Frequency of the activity:** 1  
**Start date:** 05/09/2022 **End date:** 20/02/2026  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 6  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish



- 2** **Type of teaching:** Official teaching  
**Name of the course:** Física del Cosmos  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**Type of subject:** Obligatory  
**University degree:** Máster de Física de Partículas y del Cosmos  
**Start date:** 01/10/2019 **End date:** 20/02/2026  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 5  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 3** **Type of teaching:** Official teaching  
**Name of the course:** Astronomía  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Obligatory  
**University degree:** PCEO Grado en Física / Grado en Matemáticas  
**Frequency of the activity:** 1  
**Start date:** 01/10/2017 **End date:** 20/02/2023  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 6  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 4** **Type of teaching:** Official teaching  
**Name of the course:** Física Cuántica II  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Obligatory  
**University degree:** PCEO Grado en Física / Grado en Matemáticas  
**Frequency of the activity:** 1  
**Start date:** 16/09/2019 **End date:** 20/02/2022  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 6  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 5** **Type of teaching:** Official teaching  
**Name of the course:** Astrofísica Extragaláctica  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Máster de Física, Instrumentación y Medio Ambiente  
**Frequency of the activity:** 5  
**Start date:** 01/10/2013 **End date:** 01/06/2018  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 3  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish



- 6** **Type of teaching:** Official teaching  
**Name of the course:** Técnicas Instrumentales en Astrofísica  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Máster de Física, Instrumentación y Medio Ambiente  
**Frequency of the activity:** 5  
**Start date:** 01/10/2013 **End date:** 01/06/2018  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 1  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 7** **Type of teaching:** Official teaching  
**Name of the course:** Astronomía  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Obligatory  
**University degree:** PCEO Grado en Física / Grado en Matemáticas  
**Frequency of the activity:** 1  
**Start date:** 01/10/2016 **End date:** 01/06/2017  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 6  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 8** **Type of teaching:** Official teaching  
**Name of the course:** Observational Astronomy  
**Type of programme:** Diploma **Type of teaching:** Laboratory work  
**Type of subject:** Optional  
**University degree:** Diploma in Experimental Physics  
**Frequency of the activity:** 9  
**Start date:** 01/10/2008 **End date:** 01/06/2017  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 1  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** English
- 9** **Type of teaching:** Official teaching  
**Name of the course:** Física Básica Experimental  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Obligatory  
**University degree:** PCEO Grado en Matemáticas  
**Frequency of the activity:** 5  
**Start date:** 01/10/2011 **End date:** 01/06/2016  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 1  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish



- 10** **Type of teaching:** Official teaching  
**Name of the course:** Mecánica Clásica y Relatividad  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Core  
**University degree:** PCEO Grado en Física / Grado en Matemáticas  
**Frequency of the activity:** 6  
**Start date:** 01/10/2010 **End date:** 01/06/2016  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 3  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 11** **Type of teaching:** Official teaching  
**Name of the course:** Mecánica Clásica y Relatividad  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Core  
**University degree:** PCEO Grado en Física / Grado en Matemáticas  
**Frequency of the activity:** 6  
**Start date:** 01/10/2010 **End date:** 01/06/2016  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 3  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 12** **Type of teaching:** Official teaching  
**Name of the course:** Astrofísica Extragaláctica  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Máster de Física y Tecnología Física  
**Frequency of the activity:** 6  
**Start date:** 01/10/2007 **End date:** 01/06/2013  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 2,34  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 13** **Type of teaching:** Official teaching  
**Name of the course:** Galaxias  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental  
**Frequency of the activity:** 9  
**Start date:** 01/10/2004 **End date:** 01/06/2013  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 7,5  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias



**Subject language:** Spanish

- 14** **Type of teaching:** Official teaching  
**Name of the course:** Técnicas Computacionales en Física  
**Type of programme:** Master's degree **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Optional  
**University degree:** Máster de Física y Tecnología Física  
**Frequency of the activity:** 1  
**Start date:** 01/10/2007 **End date:** 01/06/2008  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 1,55  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 15** **Type of teaching:** Official teaching  
**Name of the course:** Mecánica Cuántica  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Obligatory  
**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental  
**Frequency of the activity:** 2  
**Start date:** 01/10/2006 **End date:** 01/06/2008  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 3,75  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 16** **Type of teaching:** Official teaching  
**Name of the course:** Programación en el entorno científico  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental  
**Frequency of the activity:** 4  
**Start date:** 01/10/2004 **End date:** 01/06/2008  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 2  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 17** **Type of teaching:** Official teaching  
**Name of the course:** Técnicas Experimentales Avanzadas  
**Type of programme:** Doctorate **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Doctorado  
**Frequency of the activity:** 6  
**Start date:** 01/10/2001 **End date:** 01/06/2007  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 0,5  
**Entity:** Universidad de Cantabria **Type of entity:** University



**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish

- 18** **Type of teaching:** Official teaching  
**Name of the course:** Técnicas Observacionales en Astrofísica  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental  
**Frequency of the activity:** 3  
**Start date:** 01/10/2003 **End date:** 01/06/2006  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 3  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 19** **Type of teaching:** Official teaching  
**Name of the course:** Física Atómica y Nuclear  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Core  
**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental  
**Frequency of the activity:** 2  
**Start date:** 01/10/2002 **End date:** 01/06/2004  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 7,5  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 20** **Type of teaching:** Official teaching  
**Name of the course:** Programación en el entorno científico  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental  
**Frequency of the activity:** 2  
**Start date:** 01/10/2002 **End date:** 01/06/2004  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 1  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish
- 21** **Type of teaching:** Official teaching  
**Name of the course:** Física Cuántica  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Core  
**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental  
**Frequency of the activity:** 1  
**Start date:** 01/10/2000 **End date:** 01/06/2001  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 2,5



**Entity:** Universidad de Cantabria  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish

**Type of entity:** University

**22** **Type of teaching:** Official teaching

**Name of the course:** Física  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Licenciado en Ciencias Matemáticas  
**Frequency of the activity:** 5  
**Start date:** 01/10/1996  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 6  
**Entity:** Universidad de Cantabria  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish

**Type of teaching:** In person theory

**End date:** 01/06/2001

**Type of entity:** University

**23** **Type of teaching:** Official teaching

**Name of the course:** Física Cuántica  
**Type of programme:** Bachelor's degree  
**Type of subject:** Core  
**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental  
**Frequency of the activity:** 1  
**Start date:** 01/10/1999  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 1,9  
**Entity:** Universidad de Cantabria  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish

**Type of teaching:** In person theory

**End date:** 01/06/2000

**Type of entity:** University

**24** **Type of teaching:** Official teaching

**Name of the course:** Mecánica Cuántica II  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental  
**Frequency of the activity:** 3  
**Start date:** 01/10/1995  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 7,5  
**Entity:** Universidad de Cantabria  
**Faculty, institute or centre:** Facultad de Ciencias  
**Subject language:** Spanish

**Type of teaching:** In person theory

**End date:** 01/06/1999

**Type of entity:** University

**25** **Type of teaching:** Official teaching

**Name of the course:** Mecánica Cuántica I  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental  
**Frequency of the activity:** 3  
**Start date:** 01/10/1995  
**Type of hours/ ECTS credits:** Credits

**Type of teaching:** In person theory

**End date:** 01/06/1998



**Hours/ECTS credits:** 6

**Entity:** Universidad de Cantabria

**Faculty, institute or centre:** Facultad de Ciencias

**Subject language:** Spanish

**Type of entity:** University

**26** **Type of teaching:** Official teaching

**Name of the course:** Técnicas Astronómicas en el Visible y UV

**Type of programme:** Doctorate

**Type of subject:** Optional

**University degree:** Doctorado

**Frequency of the activity:** 1

**Start date:** 01/10/1996

**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 2

**Entity:** Universidad de Cantabria

**Faculty, institute or centre:** Facultad de Ciencias

**Subject language:** Spanish

**Type of teaching:** In person theory

**End date:** 01/06/1997

**Type of entity:** University

**27** **Type of teaching:** Official teaching

**Name of the course:** Métodos Matemáticos de la Física

**Type of programme:** Bachelor's degree

**Type of subject:** Obligatory

**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental

**Frequency of the activity:** 1

**Start date:** 01/10/1995

**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 7,5

**Entity:** Universidad de Cantabria

**Faculty, institute or centre:** Facultad de Ciencias

**Subject language:** Spanish

**Type of teaching:** In person theory

**End date:** 01/06/1996

**Type of entity:** University

**28** **Type of teaching:** Official teaching

**Name of the course:** Métodos Matemáticos de la Física

**Type of programme:** Bachelor's degree

**Type of subject:** Obligatory

**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental

**Frequency of the activity:** 1

**Start date:** 01/10/1994

**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 9

**Entity:** Universidad de Cantabria

**Faculty, institute or centre:** Facultad de Ciencias

**Subject language:** Spanish

**Type of teaching:** In person theory

**End date:** 01/06/1995

**Type of entity:** University

**29** **Type of teaching:** Official teaching

**Name of the course:** Métodos Matemáticos de la Física

**Type of programme:** Bachelor's degree

**Type of subject:** Obligatory

**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental

**Frequency of the activity:** 1

**Start date:** 01/10/1993

**Type of teaching:** In person theory

**End date:** 01/06/1994



**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 5

**Entity:** Universidad de Cantabria

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias

**Subject language:** Spanish

**30** **Type of teaching:** Official teaching

**Name of the course:** Métodos Matemáticos de la Física

**Type of programme:** Bachelor's degree

**Type of teaching:** In person theory

**Type of subject:** Obligatory

**University degree:** Licenciado en Ciencias Físicas Especialidad Física Fundamental

**Frequency of the activity:** 1

**Start date:** 01/10/1992

**End date:** 01/06/1993

**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 2

**Entity:** Universidad de Cantabria

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias

**Subject language:** Spanish

**31** **Type of teaching:** Official teaching

**Name of the course:** Física Matemática

**Type of programme:** Bachelor's degree

**Type of teaching:** In person theory

**Type of subject:** Optional

**University degree:** Licenciado en Ciencias Matemáticas

**Frequency of the activity:** 1

**Start date:** 01/10/1991

**End date:** 01/06/1992

**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 3

**Entity:** Universidad de Cantabria

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias

**Subject language:** Spanish

## Experience supervising doctoral thesis and/or final year projects

**1** **Project title:** Prospect of future CTA observation of young SNR

**Type of project:** End of course project

**Entity:** Universidad de Cantabria

**Type of entity:** University

**Student:** Estibaliz Echevarria Guerrero

**Date of reading:** 19/10/2018

**2** **Project title:** Búsqueda de cuásares a partir de cartografiados de gran área

**Type of project:** Trabajo Fin de Master

**Entity:** Universitat Internacional Valenciana

**City of entity:** Valencia, Comunitat Valenciana, Spain

**Student:** Beatriz Varona Fernández

**Date of reading:** 23/07/2018

**3** **Project title:** Radio cuásares a alto desplazamiento al rojo en cartografiados de gran área

**Type of project:** Doctoral thesis

**Entity:** Universidad de Cantabria

**Type of entity:** University



**Student:** Diego Tuccillo  
**Date of reading:** 04/12/2015  
**European doctorate:** Yes

- 4** **Project title:** Origen y Estructura de Radio-cuásares con Líneas de Absorción Anchas: un Estudio Multi-Longitud de Onda  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Bologna / Universidad de Cantabria **Type of entity:** University  
**Student:** Gabriele Bruni  
**Date of reading:** 20/04/2012  
**European doctorate:** Yes
- 5** **Project title:** Selection of High-redshift Quasars  
**Type of project:** Trabajo Fin de Master  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Student:** Dieg Tuccillo  
**Date of reading:** 14/10/2010
- 6** **Project title:** Cuásares emisores en radio con líneas de absorción anchas.  
**Type of project:** Doctoral thesis  
**Entity:** La Laguna Facultad / Escuela:Facultad de Físicas  
**Student:** Francisco Miguel Montenegro Montes  
**Date of reading:** 02/10/2009
- 7** **Project title:** • Espectroscopía de Alta Resolución de Cuásares con Líneas Anchas de Absorción  
**Type of project:** Trabajo Fin de Master  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Student:** Florencia Jiménez Luján  
**Date of reading:** 05/10/2008
- 8** **Project title:** • Deconvolución de Datos Astronómicos del Survey OTELO obtenidos con Filtros Sintonizables  
**Type of project:** End of course project  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Student:** Luis Fernando Lanz Oca  
**Date of reading:** 29/11/2006
- 9** **Project title:** • Estudio y Caracterización de la Criogenia del Detector de la Cámara de Infrarrojos CAMCAO  
**Type of project:** Minor thesis  
**Entity:** Universidad de Cantabria **Type of entity:** University  
**Student:** Bárbara Plaza Vidal  
**Date of reading:** 10/02/2005
- 10** **Project title:** Estudio de las propiedades óptico-infrarrojas de la muestra B3-VLA de radio cuásares y su relación con el entorno.  
**Type of project:** Doctoral thesis  
**Entity:** Cantabria Facultad / Escuela:Facultad de Ciencias  
**Student:** S.F. Sánchez Sánchez  
**Date of reading:** 04/05/2001



## Courses and seminars given

- 1** **Type of event:** Seminar  
**Name of the event:** Astronomía en el Espacio: Herschel y Planck observando el Universo  
**Organising entity:** Universidad de Cantabria **Type of entity:** University  
**Hours of teaching:** 2  
**Teaching date:** 05/07/2010
- 2** **Type of event:** Seminar  
**Name of the event:** Curso práctico de Astronomía: midiendo el Universo  
**Organising entity:** Universidad de Cantabria **Type of entity:** University  
**Hours of teaching:** 1,5  
**Teaching date:** 29/06/2009
- 3** **Type of event:** Seminar  
**Name of the event:** Curso práctico de Astronomía: distintas miradas al Universo desde Cantabria  
**Organising entity:** Universidad de Cantabria **Type of entity:** University  
**Hours of teaching:** 2,5  
**Teaching date:** 30/07/2007
- 4** **Type of event:** Seminar  
**Name of the event:** Cosmología: desde el Big-Bang a las Galaxias  
**Organising entity:** Universidad de Cantabria **Type of entity:** University  
**Hours of teaching:** 2  
**Teaching date:** 07/07/1997
- 5** **Type of event:** Seminar  
**Name of the event:** Temas de Actualidad en Física Moderna  
**Organising entity:** Universidad de Cantabria **Type of entity:** University  
**Hours of teaching:** 1  
**Teaching date:** 01/11/1991

## Participation in innovative teaching projects

**Project title:** Diploma in Experimental Physics  
**Type of participation:** Team member  
**Contribution to the project:** Clases  
**Dedication regime:** Part time  
**Time of working relationship:** For an undetermined time  
**Funding entity:** Universidad de Cantabria **Type of entity:** University  
**Type of call:** Non-competitive  
**Geographical area:** Regional  
**Start-End date:** 01/10/2008 - 01/06/2017 **Duration:** 9 years



## Other activities/achievements not included above

- Description of the activity:** Coordinador del Máster Universitario de Física, Instrumentación y Medio Ambiente  
**Organising entity:** Universidad de Cantabria **Type of entity:** University  
**End date:** 2018
- Description of the activity:** Comisión de Ordenación Académica del Grado en Física  
**Organising entity:** Universidad de Cantabria **Type of entity:** University  
**End date:** 2014
- Description of the activity:** Comisión de Ordenación Académica del Máster en Física, Instrumentación y Medio Ambiente  
**Organising entity:** Universidad de Cantabria **Type of entity:** University  
**End date:** 2014
- Description of the activity:** Comisión de Convalidaciones de la Licenciatura en Ciencias Matemáticas  
**Organising entity:** Universidad de Cantabria **Type of entity:** University  
**End date:** 2009

## Scientific and technological experience

### Scientific or technological activities

#### R&D projects funded through competitive calls of public or private entities

- Name of the project:** Evolución: cuásares  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Cantabria **Type of entity:** University  
**City of entity:** Santander, Cantabria, Spain  
**Name principal investigator (PI, Co-PI....):** Gonzalez-Serrano, J.I.  
**Nº of researchers:** 1 **Nª people/year:** 1  
**Funding entity or bodies:**  
Ministerio de Ciencia e Innovación. Universidades **Type of entity:** Organismo  
**City funding entity:** Madrid, Madrid, Comunidad de, Spain  
**Name of the programme:** Programa Estatal de Generacion del Conocimiento  
**Code according to the funding entity:** PID2021-122544NB-C44  
**Start-End date:** 01/09/2022 - 31/08/2025  
**Total amount:** 15.000 €  
**Dedication regime:** Full time



- 2 Name of the project:** Radio cuásares oscurecidos desvelados  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Cantabria **Type of entity:** University  
**City of entity:** Santander, Cantabria, Spain  
**Name principal investigator (PI, Co-PI....):** Gonzalez-Serrano, J.I.  
**Nº of researchers:** 1 **Nª people/year:** 1  
**Funding entity or bodies:**  
 Ministerio de Ciencia e Innovación. Universidades **Type of entity:** Organismo  
**City funding entity:** Madrid, Madrid, Comunidad de, Spain  
**Name of the programme:** Programa Estatal de Generacion del Conocimiento  
**Code according to the funding entity:** PGC2018-099705-B-100  
**Start-End date:** 01/01/2019 - 31/12/2020  
**Total amount:** 30.250 €  
**Dedication regime:** Full time
- 3 Name of the project:** Evolución de galaxias: cuásares  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** Regional  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Cantabria **Type of entity:** University  
**City of entity:** Santander, Cantabria, Spain  
**Name principal investigator (PI, Co-PI....):** Gonzalez-Serrano, J.I.  
**Nº of researchers:** 1 **Nª people/year:** 2  
**Funding entity or bodies:**  
 Universidad de Cantabria **Type of entity:** University  
**City funding entity:** Santander, Cantabria, Spain  
 SODERCAN **Type of entity:** Business  
**City funding entity:** Santander, Cantabria, Spain  
**Type of participation:** Principal investigator  
**Name of the programme:** Proyectos Puente UNICAN-SODERCAN  
**Code according to the funding entity:** 52-JU25-64661  
**Start-End date:** 01/09/2018 - 31/08/2019  
**Total amount:** 28.483 € **Sub-project amount:** 28.483 €  
**Dedication regime:** Full time
- 4 Name of the project:** Evolución de galaxias: cuásares  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Cantabria **Type of entity:** University  
**City of entity:** Santander, Cantabria, Spain  
**Name principal investigator (PI, Co-PI....):** Gonzalez-Serrano, J.I.  
**Nº of researchers:** 1 **Nª people/year:** 1  
**Funding entity or bodies:**  
 Ministerio de Economía y Hacienda **Type of entity:** Ministerio



**City funding entity:** Madrid, Madrid, Comunidad de, Spain

**Name of the programme:** Plan Nacional Astronomía y Astrofísica

**Code according to the funding entity:** AYA2014-58861-C03-02-P

**Start-End date:** 01/01/2015 - 31/12/2018

**Total amount:** 79.000 €

**Dedication regime:** Full time

**5 Name of the project:** Evolución de galaxias: cuásares a alto desplazamiento al rojo

**Type of project:** Basic research (including archaeological digs, etc)

**Entity where project took place:** Universidad de Cantabria **Type of entity:** University

**City of entity:** Santander, Cantabria, Spain

**Name principal investigator (PI, Co-PI...):** J. Ignacio González Serrano

**Nº of researchers:** 8

**Funding entity or bodies:**

Plan Nacional de I+D+I (AYA2011-29517-C03-02)

Ministerio de Educación, Política Social y Deporte **Type of entity:** State agency

**City funding entity:** Spain

**Start date:** 01/01/2012

**Duration:** 2 years - 11 months - 30 days

**Participating entity/entities:** IFCA; ING-La Palma; IRA-Bologna; Univ. De Cantabria; Univ. Leiden

**6 Name of the project:** Evolución de galaxias: cuásares a alto desplazamiento al rojo

**Type of project:** Basic research (including archaeological digs, etc)

**Entity where project took place:** Universidad de Cantabria **Type of entity:** University

**City of entity:** Santander, Cantabria, Spain

**Name principal investigator (PI, Co-PI...):** J. Ignacio González Serrano

**Nº of researchers:** 7

**Funding entity or bodies:**

Plan Nacional de I+D+I (AYA2008-06311-C02-02)

Ministerio de Educación, Política Social y Deporte **Type of entity:** State agency

**City funding entity:** Spain

**Start date:** 01/01/2009

**Duration:** 2 years - 11 months - 30 days

**Participating entity/entities:** IFCA; ING-La Palma; IRA-Bologna; Univ. De Cantabria; Univ. Leiden

**7 Name of the project:** Ciencia con el telescopio GTC

**Type of project:** Basic research (including archaeological digs, etc)

**Degree of contribution:** Researcher

**Entity where project took place:** Instituto de Astrofísica de Canarias **Type of entity:** Public Research Body

**City of entity:** La Laguna, Canarias, Spain

**Name principal investigator (PI, Co-PI...):** J. Miguel Rodríguez Espinosa (IAC)

**Nº of researchers:** 35

**Funding entity or bodies:**

Consolider-Ingenio

**Type of entity:** State agency

**City funding entity:** Spain

**Type of participation:** Team member

**Start date:** 2007

**Duration:** 5 years



**Participating entity/entities:** IAC, IAA; UCM, IFCA, LAEFF

- 8** **Name of the project:** Cosmología observacional: cúasares a z2.5 seleccionados en radio  
**Name principal investigator (PI, Co-PI....):** J. Ignacio González Serrano  
**Nº of researchers:** 6  
**Funding entity or bodies:**  
Ministerio de Educación, Política Social y Deporte      **Type of entity:** State agency  
Plan Nacional de I+D+I (AYA2005-00055)  
**Start date:** 15/10/2006      **Duration:** 1 year - 11 months - 30 days  
**Participating entity/entities:** IFCA; ING-La Palma; IRA-Bologna; Univ. De Cantabria
- 9** **Name of the project:** Cosmología observacional: AGNs a alto desplazamiento al rojo, formación y evolución de galaxias  
**Name principal investigator (PI, Co-PI....):** J. Ignacio González Serrano  
**Nº of researchers:** 5  
**Funding entity or bodies:**  
MCYT  
Plan Nacional de I+D+I (AYA2002-03326)  
**Start date:** 10/2002      **Duration:** 3 years  
**Participating entity/entities:** IFCA; ING-La Palma; IRA-Bologna; Univ. De Cantabria
- 10** **Name of the project:** OTELO: fase inicial  
**Name principal investigator (PI, Co-PI....):** Jordi Cepa  
**Nº of researchers:** 11  
**Funding entity or bodies:**  
MCYT  
Plan Nacional de I+D+I (AYA2002-01379)  
**Start date:** 10/2002      **Duration:** 3 years  
**Participating entity/entities:** Instituto de Astrofísica de Canarias ; IFCA; otros
- 11** **Name of the project:** Desarrollo del software de usuario del instrumento OSIRIS  
**Name principal investigator (PI, Co-PI....):** J. Ignacio González Serrano  
**Nº of researchers:** 1  
**Funding entity or bodies:**  
MCYT  
Plan Nacional de I+D+I (AYA2000-2688-E)  
**Start date:** 06/12/2001      **Duration:** 1 year  
**Participating entity/entities:** ?Instituto de Física de Cantabria????
- 12** **Name of the project:** OSIRIS, instrumento de día uno para GTC  
**Name principal investigator (PI, Co-PI....):** Jordi Cepa  
**Nº of researchers:** 21  
**Funding entity or bodies:**  
MCYT  
Plan Nacional de I+D+I (AYA2000-0333-P4-02)  
**Start date:** 2001      **Duration:** 2 years



**Participating entity/entities:** ?Instituto de Física de Cantabria - Instituto de Astrofísica de Canarias????

- 13 Name of the project:** ?Constraining models of active galactic nuclei: evolution of radio galaxies and the size of the narrow-line

**Name principal investigator (PI, Co-PI....):** Pedro Manuel Augusto

**Nº of researchers:** 5

**Funding entity or bodies:**

?Fundação para a Ciencia e a Tecnologia (Portugal)?

**Start date:** 2000

**Participating entity/entities:** ?Univ. Madeira-Instituto de Física de Cantabria - Instituto de Astrofísica de Canarias-Univ Durham????

- 14 Name of the project:** Probing the origin of the extragalactic background radiation (POE)

**Name principal investigator (PI, Co-PI....):** M. Rowan-Robinson

**Nº of researchers:** 52

**Funding entity or bodies:**

UE – HPRN – CT – 2000 - 00138

**Start date:** 2000

**Participating entity/entities:** ?Imperial College-Instituto de Física de Cantabria - Instituto de Astrofísica de Canarias?y otras???

- 15 Name of the project:** ?Evolución cosmológica de galaxias normales y AGNs trazada a partir de surveys en radio????

**Name principal investigator (PI, Co-PI....):** ?J. Ignacio González Serrano????

**Nº of researchers:** 2

**Funding entity or bodies:**

?DGESIC????

**Start date:** 1999

**Participating entity/entities:** ?Instituto de Física de Cantabria - Instituto de Astrofísica de Canarias????

- 16 Name of the project:** Propuesta, participación y explotación científica de misiones espaciales de astronomía de rayos X

**Name principal investigator (PI, Co-PI....):** ?Xavier Barcons???

**Nº of researchers:** 2

**Funding entity or bodies:**

?FEDER/CICYT????

**Start date:** 1998

**Participating entity/entities:** ?Instituto de Física de Cantabria ?

- 17 Name of the project:** Estudio de radio cuásares en el visible e infrarrojo

**Name principal investigator (PI, Co-PI....):** ?J. Ignacio González Serrano????

**Nº of researchers:** 3

**Funding entity or bodies:**

Servicio de Cooperación Internacional – CSIC/CNR

**Start date:** 1997

**Participating entity/entities:** ?Instituto de Física de Cantabria - Istituto di Radioastronomia di Bologna???



- 18** **Name of the project:** ?A European Collaboration to carry out, analyze, and follow-up the Infrared Space Observatory Deep Survey in Open Time (ELAIS)  
**Name principal investigator (PI, Co-PI....):** ?M. Rowan-Robinson????  
**Funding entity or bodies:**  
UE – TMR / FMRX-CT96-0068  
**Start date:** 1996  
**Participating entity/entities:** ?Imperial College; Instituto de Astrofísica de Canarias; Instituto de Física de Cantabria; y otras????
- 19** **Name of the project:** ?Estudios multirrango de núcleos activos de galaxias y cuásares????  
**Name principal investigator (PI, Co-PI....):** ?Xavier Barcons????  
**Funding entity or bodies:**  
?DGES????  
**Start date:** 1996  
**Participating entity/entities:** ?Instituto de Física de Cantabria????
- 20** **Name of the project:** ?Propiedades de las fuentes extragalácticas de rayos X????  
**Name principal investigator (PI, Co-PI....):** ?Xavier Barcons????  
**Funding entity or bodies:**  
?DGICYT????  
**Start date:** 1993  
**Participating entity/entities:** ?Universidad de Cantabria????
- 21** **Name of the project:** El Universo a alto redshift: radiogalaxias, cuásares y el medio interestelar  
**Name principal investigator (PI, Co-PI....):** José Luis Sanz  
**Funding entity or bodies:**  
DGICYT  
**Start date:** 1993  
**Participating entity/entities:** ?Universidad de Cantabria????
- 22** **Name of the project:** Structure and evolution of extragalactic sources and their relationship to the background radiations  
**Name principal investigator (PI, Co-PI....):** G. De Zotti  
**Funding entity or bodies:**  
CEE-Capital Humano y Movilidad  
**Start date:** 1993 **Duration:** 2 years  
**Participating entity/entities:** Univ. de Padova-Univ. de Bologna - Univ. de Cantabria y otras????
- 23** **Name of the project:** Observación y análisis de la radiación cósmica de fondo y nucleosíntesis primigenia  
**Name principal investigator (PI, Co-PI....):** Enrique Martínez González  
**Nº of researchers:** 3  
**Funding entity or bodies:**  
DGICYT  
**Start date:** 1991 **Duration:** 2 years  
**Participating entity/entities:** Universidad de Cantabria - Instituto de Astrofísica de Canarias



## Scientific and technological activities

### Scientific production

- 1** **H index:** 28  
**Date of application:** 21/12/2025  
**Source of H-Index:** WOS
- 2** **H index:** 35  
**Date of application:** 21/01/2024  
**Source of H-Index:** GOOGLE SCHOLAR
- 3** **H index:** 27  
**Date of application:** 21/12/2025  
**Source of H-Index:** SCOPUS
- 4** **H index:** 29  
**Date of application:** 21/12/2025  
**Source of H-Index:** Astrophysics Data System / SAO-NASA

### Publications, scientific and technical documents

- 1** S.B. de Daniloff; A. Bongiovanni; M. Sánchez Portal; B. Cedrés; C.P. Padilla Torres; A.M. Pérez García; R. Pérez Martínez; D. Espada; C.C. de la Casa; G. Torres Ríos; M. González Otero; J.A. de Diego; M.I. Rodríguez; M. Cerviño; M.A. Lara López; J. Cepa; I. Valtchanov; J.I. González Serrano; I. Cruz González; C.A. Negrete; Z. Belloro Amado; M. Castillo Frailw; B. Mancillas; M. Povic. GLACE survey: OSIRIS/GTC multi-object spectroscopy of the rich galaxy cluster ZwCl 0024.0+1652 at  $z \sim 0.4$ : III. The mass-SFR relation and the quenching of cluster galaxies. *Astronomy & Astrophysics*. 702, pp. 187 - 214. 01/10/2025.  
**Type of production:** Scientific paper  
**Position of signature:** 18  
**Total no. authors:** 24
- 2** 1; C.A. Negrete; H.J. Ibarra Medel; E. Benítez; I. Cruz González; Y. Krongold; J.J. González; J. Cepa; C. Padilla Torres; M. Cerviño; M. Povic; M. Herrera Endoqui; N. Jenaro Ballesteros; T. Miyaji; M. Elías Chávez; M. Sánchez Portal; B. Cedrés; J. Nadolny; M. González Otero; B. Assefa; H. Hernández Toledo; J.A. de Diego; J.I. González Serrano; A.M. Pérez García. The Lockman-SpReSo Project. Spectroscopic Analysis of Type 1 Active Galactic Nuclei. *The Astrophysical Journal*. 990 - 2, pp. 216 - 239. 01/09/2025.  
**Type of production:** Scientific paper  
**Position of signature:** 23  
**Total no. authors:** 24
- 3** B. Cedrés; A. Bongiovanni; J. Cepa; C.P. Padilla Torres; J. Nadolny; M.A. Lara López; J.I. González Serrano; E.J. Alfaro; M. Cerviño; J. Gallego; M. González Otero; M. Sánchez Portal; J.A. de Diego; R. Pérez Martínez; A.M. Pérez García; M. Povic. The OTELO survey: New evidence of downsizing from the specific star formation rates, stellar mass functions, and star formation histories of a sample of low-mass galaxies at  $0.38 < z < 1.43$ . *Astronomy & Astrophysics*. 696, pp. 86 - 95. Springer, 01/04/2025.  
**Type of production:** Scientific paper  
**Position of signature:** 7

**Total no. authors:** 16**Corresponding author:** No

- 4** Mauro Gonzalez Otero; C..P. Padilla Torres; J.I. Gonzalez Serrano; J. Cepa; A.M. Perez Garcia; J.J. Gonzalez; E. Benitez; Angel Bongivanni; M. Cerviño; I. Cruz-Gonzalez; J. Gallego; M. Herrera Endoqui; H. Ibarra Medel; Y. Krongold; M.A. Lara Lopez; J. Nadolny; A. Negrete Castalia; R.. Perez Martinez; M. Povic; M. Sanchez Portal; Bernabe Cedres; J.A. de Diego; H. Hernandez-Toledo; R. Navarro Martinez. The Lockman-SpReSO project. Main properties of infrared-selected star-forming galaxies. *Astronomy & Astrophysics*. 687, pp. 19 - 40. 01/07/2024.

**Type of production:** Scientific paper**Format:** Journal**Corresponding author:** No

- 5** Mauro Gonzalez Otero; C..P. Padilla Torres; J.I. Gonzalez Serrano; J. Cepa; A.M. Perez Garcia; J.J. Gonzalez; E. Benitez; Angel Bongivanni; M. Cerviño; I. Cruz-Gonzalez; J. Gallego; M. Herrera Endoqui; H. Ibarra Medel; Y. Krongold; M.A. Lara Lopez; J. Nadolny; A. Negrete Castalia; R.. Perez Martinez; M. Povic; M. Sanchez Portal; Bernabe Cedres; J.A. de Diego; H. Hernandez-Toledo; R. Navarro Martinez. The Lockman-SpReSO project. Galactic flows in a sample of far-infrared galaxies. *Astronomy & Astrophysics*. 684, pp. 31 - 56. 01/04/2024.

**Type of production:** Scientific paper**Format:** Journal**Corresponding author:** No

- 6** Mauro Gonzalez Otero; C..P. Padilla Torres; J. Cepa; J.J. Gonzalez; Angel Bongivanni; A.M. Perez Garcia; J.I. Gonzalez Serrano; E.J.. Alfaro; V. Avila-Reese; E. Benitez; L. Binette; M. Cerviño; I. Cruz-Gonzalez; J.A. de Diego; J. Gallego; H. Hernandez-Toledo; Y. Krongold; M.A. Lara Lopez; J. Nadolny; R.. Perez Martinez; M. Povic; M. Sanchez Portal; Bernabe Cedres; D. Dultzin; E. Jimenez-Bailon; R. Navarro Martinez; A. Negrete Castalia; I. Pintos Castro; O. Valenzuela. The Lockman-SpReSO project. Description, target selection, observations, and catalogue preparation. *Astronomy & Astrophysics*. 669, pp. 85. 01/01/2023.

**Type of production:** Scientific paper**Format:** Journal**Corresponding author:** No

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**Type of production:** Scientific paper**Format:** Journal



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**Type of production:** Scientific paper **Format:** Journal  
**Corresponding author:** No
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**Corresponding author:** Yes
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**Type of production:** Scientific paper

**Format:** Journal

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**Type of production:** Scientific paper

**Format:** Journal

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J. A. Acosta-Pulido; I. Agudo; A. Alberdi; J. Alcolea; E. J. Alfaro; A. Alonso-Herrero; G. Anglada; P. Amalte-Mur; Y. Ascasibar; B. Ascaso; R. Azulay; R. Bachiller; A. Baez-Rubio; E. Battaner; J. Blasco; C. B. Brook; V. Bujarrabal; G. Busquet; M. D. Caballero-García; C. Carrasco-Gonzalez; J. Casares; A. J. Castro-Tirado; L. Colina; F. Colomer; I. de Gregorio-Monsalvo; A. del Olmo; J. F. Desmurs; J. M. Diego; R. Dominguez-Tenreiro; R. Estalella; A. Fernandez-Soto; E. Florido; J. Font; J. A. Font; A. Fuente; R. Garcia-Benito; S. Garcia-Burillo; B. Garcia-Lorenzo; A. Gil de Paz; J. M. Girart; J. R. Goicoechea; J. F. Gomez; M. Gonzalez-Garcia; O. Gonzalez-Martin; J. I. Gonzalez-Serrano; J. Gorgas; J. Gorosabel; A. Guizarro; J. C. Guirado; L. Hernandez-Garcia; C. Hernandez-Monteagudo; D. Herranz; R. Herrero-Illana; Y. D. Hu; N. Huelamo; M. Huertas-Company; J. Iglesias-Paramo; S. Jeong; I. Jimenez-Serra; J. H. Knapen; R. A. Lineros; U. Lisenfeld; J. M. Marcaide; I. Marquez; J. Marti; J. M. Marti; I. Marti-Vidal; E. Martinez-Gonzalez; J. Martin-Pintado; J. Masegosa; J. M. Mayen-Gijon; M. Mezcuca; S. Migliari; P. Mimica; J. Moldon; O. Morata; I. Negueruela; S. R. Oates; M. Osorio; A. Palau; J. M. Paredes; J. Perea; P. G. Perez-Gonzalez; E. Perez-Montero; M. A. Perez-Torres; M. Perucho; S. Planelles; J. A. Pons; A. Prieto; V. Quilis; P. Ramirez-Moreta; C. Ramos Almeida; N. Rea; M. Ribo; M. J. Rioja; J. M. Rodriguez Espinosa; E. Ros; J. A. Rubiño-Martin; B. Ruiz-Granados; J. Sabater; S. Sanchez; C. Sanchez-Contreras; A. Sanchez-Monge; R. Sanchez-Ramirez; A. M. Sintés; J. M. Solanes; C. F. Sopena; M. Tafalla; J. C. Tello; B. Tercero; M. C. Toribio; J. M. Torrelles; M. A. P. Torres; A. Usero; L. Verdes-Montenegro; A. Vidal-Garcia; P. Vielva; J. Vilchez; B. B. Zhang. The Spanish Square Kilometre Array White Book. *ArXiv e-prints*. 1506, pp. arXiv:1506.03474 - arXiv:1506.03474. 2015. Available on-line at: <http://adsabs.harvard.edu/abs/2015arXiv150603474A>.

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**Type of production:** Scientific paper

**Format:** Journal

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**Type of production:** Scientific paper

**Format:** Journal

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N. Benitez; R. Dupke; M. Moles; L. Sodre; J. Cenarro; A. Marin-Franch; K. Taylor; D. Cristobal; A. Fernandez-Soto; C. Mendes de Oliveira; J. Cepa-Nogue; L. R. Abramo; J. S. Alcaniz; R. Overzier; C. Hernandez-Monteagudo; E. J. Alfaro; A. Kanaan; J. M. Carvano; R. R. R. Reis; E. Martinez Gonzalez; B. Ascaso; F. Ballesteros; H. S. Xavier; J.

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**Type of production:** Scientific paper

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**Type of production:** Scientific paper

**Format:** Journal

35

I. Pintos-Castro; M. Sánchez-Portal; J. Cepa; J. S. Santos; B. Altieri; R. Pérez Martínez; E. J. Alfaro; A. Bongiovanni; D. Coia; L. Conversi; H. Domínguez-Sánchez; A. Ederoclite; J. I. González-Serrano; L. Metcalfe; I. Oteo; A. M. Pérez García; J. Poednikova; T. D. Rawle; I. Valtchanov. Multi-wavelength landscape of the young galaxy cluster RX J1257.2+4738 at  $z = 0.866$ . I. The infrared view. Astronomy and Astrophysics. 558, pp. A100 - A100. 2013. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

36

C. Ramos Almeida; P. S. Bessiere; C. N. Tadhunter; K. J. Inskip; R. Morganti; D. Dicken; J. I. González-Serrano; J. Holt. The environments of luminous radio galaxies and type-2 quasars. Monthly Notices of the Royal Astronomical Society. 436, pp. 997 - 1016. 2013. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

37

G. Bruni; D. Dallacasa; K. H. Mack; F. M. Montenegro-Montes; J. I. González-Serrano; J. Holt; F. Jiménez-Luján. The parsec-scale structure of radio-loud broad absorption line quasars. Astronomy and Astrophysics. 554, pp. A94 - A94. 2013. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

38

M. Povic; A. M. Pérez García; M. Sánchez-Portal; A. Bongiovanni; J. Cepa; M. Fernández Lorenzo; M. A. Lara-López; J. Gallego; A. Ederoclite; I. Márquez; J. Masegosa; E. Alfaro; H. Castañeda; J. I. González-Serrano; J. J. González. X-ray luminosity functions of different morphological and X-ray type AGN populations. Astronomische Nachrichten. 334, pp. 288 - 288. 2013. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal



39

M. Povic; M. Sánchez-Portal; A. M. Pérez García; A. Bongiovanni; J. Cepa; M. Huertas-Company; M. A. Lara-López; M. Fernández Lorenzo; A. Ederoclite; E. Alfaro; H. Castañeda; J. Gallego; J. I. González-Serrano; J. J. González. AGN-host galaxy connection: morphology and colours of X-ray selected AGN at  $z \leq 2$ . *Astronomy and Astrophysics*. 541, pp. A118 - A118. 2012. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

40

A. Alonso-Herrero; M. Sánchez-Portal; C. Ramos Almeida; M. Pereira-Santaella; P. Esquej; S. García-Burillo; M. Castillo; O. González-Martín; N. Levenson; E. Hatziminaoglou; J. A. Acosta-Pulido; J. I. González-Serrano; M. Povic; C. Packham; A. M. Pérez-García. Probing the nuclear and circumnuclear activity of NGC 1365 in the infrared. *Monthly Notices of the Royal Astronomical Society*. 425, pp. 311 - 324. 2012. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

41

G. Bruni; K. H. Mack; E. Salerno; F. M. Montenegro-Montes; R. Carballo; C. R. Benn; J. I. González-Serrano; J. Holt; F. Jiménez-Luján. Radio spectra and polarisation properties of a bright sample of radio-loud broad absorption line quasars. *Astronomy and Astrophysics*. 542, pp. A13 - A13. 2012. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

42

P. Esquej; A. Alonso-Herrero; A. M. Pérez-García; M. Pereira-Santaella; D. Rigopoulou; M. Sánchez-Portal; M. Castillo; C. Ramos Almeida; D. Coia; B. Altieri; J. A. Acosta-Pulido; L. Conversi; J. I. González-Serrano; E. Hatziminaoglou; M. Povic; J. M. Rodríguez-Espinosa; I. Valtchanov. The starburst-active galactic nucleus connection in the merger galaxy Mrk 938: an infrared and X-ray view. *Monthly Notices of the Royal Astronomical Society*. 423, pp. 185 - 196. 2012. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

43

Doug Edmonds; Benoit Borguet; Nahum Arav; Jay P. Dunn; Steve Penton; Gerard A. Kriss; Kirk Korista; Elisa Costantini; Katrien Steenbrugge; J. Ignacio Gonzalez-Serrano; Kentaro Aoki; Manuel Bautista; Ehud Behar; Chris Benn; D. Micheal Crenshaw; John Everett; Jack Gabel; Jelle Kaastra; Maxwell Moe; Jennifer Scott. Galactic-scale Absorption Outflow in the Low-luminosity Quasar IRAS F04250-5718: Hubble Space Telescope/Cosmic Origins Spectrograph Observations. *The Astrophysical Journal*. 739, pp. 7 - 7. 2011. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

44

M. A. Lara-López; J. Cepa; H. Castañeda; A. M. Pérez García; A. Bongiovanni; A. Ederoclite; M. Fernández Lorenzo; M. Povic; M. Sánchez-Portal; E. Alfaro; J. Gallego; J. J. González; J. I. González-Serrano. OTELO Survey: Optimal Emission-Line Flux Determination with OSIRIS/GTC. *Publications of the Astronomical Society of the Pacific*. 123, pp. 252 - 252. 2011. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

45

C. Ramos Almeida; M. Sánchez-Portal; A. M. Pérez García; J. A. Acosta-Pulido; M. Castillo; A. Asensio Ramos; J. I. González-Serrano; A. Alonso-Herrero; J. M. Rodríguez Espinosa; E. Hatziminaoglou; D. Coia; I. Valtchanov; M. Povic; P. Esquej; C. Packham; B. Altieri. Resolving the nuclear dust distribution of the Seyfert 2 galaxy NGC 3081. *Monthly Notices of the Royal Astronomical Society*.



417, pp. L46 - L50. 2011. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

**46** M. A. Lara-López; J. Cepa; H. Castañeda; A. M. Pérez García; A. Bongiovanni; A. Ederoclite; M. Fernández Lorenzo; M. Povic; M. Sánchez-Portal. OTELO Survey: Optimal Emission-Line Flux Determination with OSIRIS/GTC. Publications of the Astronomical Society of the Pacific. 122, pp. 1495 - 1495. 2010. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

**47** F. M. Montenegro-Montes; K. H. Mack; C. R. Benn; R. Carballo; J. I. González-Serrano; J. Holt; F. Jiménez-Luján. Are radio-loud Broad Absorption Line Quasars young sources?. Astronomische Nachrichten. 330, pp. 157 - 157. 2009. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

**48** M. Povic; M. Sánchez-Portal; A. M. Pérez García; A. Bongiovanni; J. Cepa; E. Alfaro; H. Castañeda; M. Fernández Lorenzo; J. Gallego; J. I. González-Serrano; J. J. González; M. A. Lara-López. OTELO Survey: Deep BVRI Broadband Photometry of the Groth Strip. II. Optical Properties of X-Ray Emitters. The Astrophysical Journal. 706, pp. 810 - 823. 2009. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

**49** M. Povic; M. Sánchez-Portal; A. M. Pérez García; A. Bongiovanni; J. Cepa; M. Fernández Lorenzo; M. A. Lara-López; J. I. González-Serrano; E. J. Alfaro. On the Anticorrelation Between Galaxy Light Concentration and X-ray-to-Optical Flux Ratio. The Astrophysical Journal Letters. 702, pp. L51 - L55. 2009. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

**50** J. Cepa; A. M. Pérez-García; A. Bongiovanni; E. J. Alfaro; H. Castañeda; J. Gallego; J. I. González-Serrano; M. Sánchez-Portal; J. J. González. OTELO survey: deep BVRI broad-band photometry of the Groth strip. I. Number counts and two-point correlation functions. Astronomy and Astrophysics. 490, pp. 1 - 14. 2008. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

**51** F. M. Montenegro-Montes; K. H. Mack; M. Vigotti; C. R. Benn; R. Carballo; J. I. González-Serrano; J. Holt; F. Jiménez-Luján. Radio spectra and polarization properties of radio-loud broad absorption-line quasars. Monthly Notices of the Royal Astronomical Society. 388, pp. 1853 - 1868. 2008. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

**52** R. Carballo; J. I. González-Serrano; C. R. Benn; F. Jiménez-Luján. Use of neural networks for the identification of new  $z \geq 3.6$  QSOs from FIRST-SDSS DR5. Monthly Notices of the Royal Astronomical Society. 391, pp. 369 - 382. 2008. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal



53

R. Carballo; J. I. González-Serrano; F. M. Montenegro-Montes; C. R. Benn; K. H. Mack; M. Pedani; M. Vigotti. A FIRST-APM-SDSS survey for high-redshift radio QSOs. *Monthly Notices of the Royal Astronomical Society*. 370, pp. 1034 - 1045. 2006. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

54

S. F. Sánchez; B. García-Lorenzo; K. Jahnke; E. Mediavilla; J. I. González-Serrano; L. Christensen; L. Wisotzki. A new technique for decoupling the host and nuclear spectra of type I AGNs using integral field spectroscopy. *Astronomische Nachrichten*. 327, pp. 167 - 170. 2006. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

55

Sebastián F. Sánchez; Begoña García-Lorenzo; Knud Jahnke; Evencio Mediavilla; José Ignacio González-Serrano; Lise Christensen; Lutz Wisotzki. Decoupling the host and nuclear spectra of type I AGNs using integral field spectroscopy: A test on 3C 120. *New Astronomy Reviews*. 49, pp. 501 - 507. 2006. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

56

Pedro Augusto; J. Ignacio Gonzalez-Serrano; Ismael Perez-Fournon; Peter N. Wilkinson. Flat-spectrum symmetric objects with  $\sim 1$ kpc sizes - I. The candidates. *Monthly Notices of the Royal Astronomical Society*. 368, pp. 1411 - 1428. 2006. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

57

J.I. Gonzalez-Serrano; R. Carballo; M. Vigotti; C.R. Benn; G. de Zotti; R. Fanti; K.-H. Mack; J. Holt. Decline of the Space Density of Quasars Between  $z=2$  and  $z=4$ . *Baltic Astronomy*. 14, pp. 374 - 377. 2005.

**Type of production:** Scientific paper

**Format:** Journal

58

B. García-Lorenzo; S. F. Sánchez; E. Mediavilla; J. I. González-Serrano; L. Christensen. Integral Field Spectroscopy of the Central Regions of 3C 120: Evidence of a Past Merging Event. *The Astrophysical Journal*. 621, pp. 146 - 166. 2005. Available on-line at: <<http://adsabs.harvard.edu/abs/2005ApJ...621..146G>>.

**Type of production:** Scientific paper

**Format:** Journal

59

R. Carballo; J.I. Gonzalez-Serrano; A.S. Cofiño. Neural Networks for the Selection of Quasars from Radio-Optical Surveys. *Baltic Astronomy*. 14, pp. 351 - 353. 2005.

**Type of production:** Scientific paper

**Format:** Journal

60

C. R. Benn; R. Carballo; J. Holt; M. Vigotti; J. I. González-Serrano; K. H. Mack; R. A. Perley. Unusual high-redshift radio broad absorption-line quasar 1624+3758. *Monthly Notices of the Royal Astronomical Society*. 360, pp. 1455 - 1470. 2005. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

61

J. Holt; C. R. Benn; M. Vigotti; M. Pedani; R. Carballo; J. I. González-Serrano; K. H. Mack; B. García. A sample of radio-loud QSOs at redshift  $\sim 4$ . *Monthly Notices of the Royal Astronomical Society*. 348, pp. 857 - 865. 2004. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

62

S. F. Sánchez; B. Garcia-Lorenzo; E. Mediavilla; J. I. González-Serrano; L. Christensen. Clean Optical Spectrum of the Radio Jet of 3C 120. *The Astrophysical Journal*. 615, pp. 156 - 160. 2004. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

63

J. I. González-Serrano; M. Sánchez-Portal; H. Castañeda; R. Quirk; E. D. de Miguel; M. Aguiar; J. Cepa. OSIRIS software: the Mask Designer Tool. *Experimental Astronomy*. 18, pp. 65 - 75. 2004. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

64

R. Carballo; A. S. Cofiño; J. I. González-Serrano. Selection of quasar candidates from combined radio and optical surveys using neural networks. *Monthly Notices of the Royal Astronomical Society*. 353, pp. 211 - 220. 2004. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

65

M. Rowan-Robinson; C. Lari; I. Perez-Fournon; E. A. Gonzalez-Solares; F. La Franca; M. Vaccari; S. Oliver; C. Gruppioni; P. Ciliegi; P. Héraudeau; S. Serjeant; A. Efsthathiou; T. Babbedge; I. Matute; F. Pozzi; A. Franceschini; P. Vaisanen; A. Afonso-Luis; D. M. Alexander; O. Almaini; A. C. Baker; S. Basilakos; M. Barden; C. del Burgo; I. Bellas-Velidis; F. Cabrera-Guerra; R. Carballo; C. J. Cesarsky; D. L. Clements; H. Crockett; L. Danese; A. Dapergolas; B. Drolias; N. Eaton; E. Egami; D. Elbaz; D. Fadda; M. Fox; R. Genzel; P. Goldschmidt; J. I. Gonzalez-Serrano; M. Graham; G. L. Granato; E. Hatziminaoglou; U. Herbstmeier; M. Joshi; E. Kontizas; M. Kontizas; J. K. Kotilainen; D. Kunze; A. Lawrence; D. Lemke; M. J. D. Linden-Vørnle; R. G. Mann; I. Márquez; J. Masegosa; R. G. McMahon; G. Miley; V. Missoulis; B. Mobasher; T. Morel; H. Nørgaard-Nielsen; A. Omont; P. Papadopoulos; J. L. Puget; D. Rigopoulou; B. Rocca-Volmerange; N. Sedgwick; L. Silva; T. Sumner; C. Surace; B. Vila-Vilaro; P. van der Werf; A. Verma; L. Vigroux; M. Villar-Martin; C. J. Willott; A. Carramiñana; R. Mujica. The European Large-Area ISO Survey (ELAIS): the final band-merged catalogue. *Monthly Notices of the Royal Astronomical Society*. 351, pp. 1290 - 1306. 2004. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

66

M. Vigotti; R. Carballo; C. R. Benn; G. De Zotti; R. Fanti; J. I. Gonzalez Serrano; K. H. Mack; J. Holt. Decline of the Space Density of Quasars between  $z = 2$  and  $z = 4$ . *The Astrophysical Journal*. 591, pp. 43 - 52. 2003. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

67

M. Vigotti; R. Carballo; C. R. Benn; G. De Zotti; R. Fanti; J. I. González Serrano; K. H. Mack; J. Holt. Decline of the space density of quasars from  $z=2$  to  $z=4$ . *Astronomische Nachrichten*. 324, pp. 177 - 177. 2003. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

68

X. Barcons; R. Carballo; F. J. Carrera; M. T. Ceballos; J. I. González-Serrano; J. M. Paredes; M. Ribó; R. S. Warwick. On the origin of the X-ray emission from a narrow-line radio quasar at  $z > 1$ . *Monthly Notices of the Royal Astronomical Society*. 343, pp. 137 - 142. 2003. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal



69

S. F. Sánchez; J. I. González-Serrano. The near-infrared properties of the host galaxies of radio quasars. *Astronomy and Astrophysics*. 406, pp. 435 - 451. 2003. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

70

S. F. Sánchez; J. I. González-Serrano. Cluster of galaxies around seven radio-loud QSOs at  $1 < z < 1.6$ . II. K-band images. *Astronomy and Astrophysics*. 396, pp. 773 - 786. 2002. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

71

Yiannis Tsapras; Keith Horne; Richard Carson; Javier Méndez Alvarez; Dan Batcheldor; Alister W. Graham; Philip A. James; Johan Knapen; Hannah Quaintrell; Ignacio Gonzalez Serrano; Peter Sorensen; Nick Wooder. Constraints on Jupiters from observations of Galactic bulge microlensing events during 2000. *Monthly Notices of the Royal Astronomical Society*. 337, pp. 41 - 48. 2002. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

72

Seb Oliver; Robert G. Mann; Ruth Carballo; Alberto Franceschini; Michael Rowan-Robinson; Maria Kontizas; Anastasios Dapergolas; Evangelhos Kontizas; Aprajita Verma; David Elbaz; Gian Luigi Granato; Laura Silva; Dimitra Rigopoulou; J. Ignacio Gonzalez-Serrano; Steve Serjeant; Andreas Efstathiou; Paul P. van der Werf. Observations of the Hubble Deep Field South with the Infrared Space Observatory - I. Observations, data reduction and mid-infrared source counts. *Monthly Notices of the Royal Astronomical Society*. 332, pp. 536 - 548. 2002. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

73

Robert G. Mann; Seb Oliver; Ruth Carballo; Alberto Franceschini; Michael Rowan-Robinson; Alan F. Heavens; Maria Kontizas; David Elbaz; Anastasios Dapergolas; Evangelhos Kontizas; Gian Luigi Granato; Laura Silva; Dimitra Rigopoulou; J. Ignacio Gonzalez-Serrano; Aprajita Verma; Steve Serjeant; Andreas Efstathiou; Paul P. van der Werf. Observations of the Hubble Deep Field South with the Infrared Space Observatory - II. Associations and star formation rates. *Monthly Notices of the Royal Astronomical Society*. 332, pp. 549 - 574. 2002. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

74

P. Augusto; J.I. Gonzalez-Serrano; N.A.B. Gizani; I. Perez-Fournon; A.C. Edge. Probing the structure and size of the NLR in AGN with radio jets. *Astronomical and Astrophysical Transactions*. 20, pp. 275 - 279. 08/2001.

**Type of production:** Scientific paper

**Format:** Journal

75

J.I. González-Serrano; M. Aguiar. OSIRIS Data Factory: Use-case model survey. Documentación interna IAC/GTC. DS - CD-OSI/063v.3, pp. 1 - 62. 2001.

**Type of production:** Scientific paper

76

J.I. González-Serrano. OSIRIS Observing Program Management: Use-case model survey. Documentación interna IAC/GTC. DS - SR-OSI/179v.2, pp. 1 - 50. 2001.

**Type of production:** Scientific paper

77

M. Aguiar; J.I. González-Serrano. OSIRIS Sequencer: Use-case model survey. Documentación interna IAC/GTC. DS - SR-OSI/152v.1, pp. 1 - 74. 2001.

**Type of production:** Scientific paper



**78** J.I. González-Serrano. OSIRIS User Software. Documentación interna IAC/GTC. DS - IP-OSI/187v.1, pp. 1 - 14. 2001.

**Type of production:** Scientific paper

**79** T. Morel; A. Efstathiou; S. Serjeant; I. Márquez; J. Masegosa; P. Héraudeau; C. Surace; A. Verma; S. Oliver; M. Rowan-Robinson; I. Georgantopoulos; D. Farrah; D. M. Alexander; I. Pérez-Fournon; C. J. Willott; F. Cabrera-Guerra; E. A. Gonzalez-Solares; A. Cabrera-Lavers; J. I. Gonzalez-Serrano; P. Ciliegi; F. Pozzi; I. Matute; H. Flores. The European Large Area ISO Survey - VI. Discovery of a new hyperluminous infrared galaxy. Monthly Notices of the Royal Astronomical Society. 327, pp. 1187 - 1192. 2001. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

**80** M. Aguiar; J.I. González-Serrano. OSIRIS Control System: Use-case model survey. Documentación interna IAC/GTC. DS - CD-OSI/034v.2, pp. 1 - 77. 2000.

**Type of production:** Scientific paper

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**Type of production:** Scientific paper

**82** M. Aguiar; J.I. González-Serrano. OSIRIS Instrument Control System: Vision. Documentación interna IAC/GTC. DS - CD-OSI/032v.3, pp. 1 - 13. 2000.

**Type of production:** Scientific paper

**83** J. I. González-Serrano; R. Carballo. Surface photometry of radio loud elliptical galaxies from the B2 sample. Astronomy and Astrophysics Supplement Series. 142, pp. 353 - 368. 2000. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

**84** Seb Oliver; Michael Rowan-Robinson; D. M. Alexander; O. Almaini; M. Balcells; A. C. Baker; X. Barcons; M. Barden; I. Bellas-Velidis; F. Cabrera-Guerra; R. Carballo; C. J. Cesarsky; P. Ciliegi; D. L. Clements; H. Crockett; L. Danese; A. Dapergolas; B. Drolias; N. Eaton; A. Efstathiou; E. Egami; D. Elbaz; D. Fadda; M. Fox; A. Franceschini; R. Genzel; P. Goldschmidt; M. Graham; J. I. Gonzalez-Serrano; E. A. Gonzalez-Solares; G. L. Granato; C. Gruppioni; U. Herbstmeier; P. Héraudeau; M. Joshi; E. Kontizas; M. Kontizas; J. K. Kotilainen; D. Kunze; F. La Franca; C. Lari; A. Lawrence; D. Lemke; M. J. D. Linden-Vørnle; R. G. Mann; I. Márquez; J. Masegosa; K. Mattila; R. G. McMahon; G. Miley; V. Missoulis; B. Mobasher; T. Morel; H. Nørgaard-Nielsen; A. Omont; P. Papadopoulos; I. Perez-Fournon; J. L. Puget; D. Rigopoulou; B. Rocca-Volmerange; S. Serjeant; L. Silva; T. Sumner; C. Surace; P. Vaisanen; P. P. van der Werf; A. Verma; L. Vigroux; M. Villar-Martin; C. J. Willott. The European Large Area ISO Survey - I. Goals, definition and observations. Monthly Notices of the Royal Astronomical Society. 316, pp. 749 - 767. 2000. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)

**Type of production:** Scientific paper

**Format:** Journal

**85** K. O. Mason; F. J. Carrera; G. Hasinger; H. Andernach; A. Aragon-Salamanca; X. Barcons; R. Bower; W. N. Brandt; G. Branduardi-Raymont; J. Burgos-Martín; F. Cabrera-Guerra; R. Carballo; F. Castander; R. S. Ellis; J. I. González-Serrano; E. Martínez-González; J. M. Martín-Mirones; R. G.



McMahon; J. P. D. Mittaz; K. L. Nicholson; M. J. Page; I. Pérez-Fournon; E. M. Puchnarewicz; E. Romero-Colmenero; A. D. Schwobe; B. Vila; M. G. Watson; D. Wonnacott. The ROSAT International X-ray/Optical Survey (RIXOS): source catalogue. Monthly Notices of the Royal Astronomical Society. 311, pp. 456 - 484. 2000. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

- 86** S. F. Sánchez; J. I. González-Serrano. Excesses of faint galaxies around seven radio QSOs at  $1.0 < z < 1.6$ . Clustering at high- $z$ . Astronomy and Astrophysics. 352, pp. 383 - 394. 1999. Available on-line at: <<http://adsabs.harvard.edu/abs/1999A%26A...352..383S>>.

**Type of production:** Scientific paper

**Format:** Journal

- 87** P. Augusto; J. I. Gonzalez-Serrano; A. C. Edge; N. A. B. Gizani; P. N. Wilkinson; I. Perez-Fournon. The kpc-scale radio source population. New Astronomy Reviews. 43, pp. 663 - 667. 1999. Available on-line at: <<http://adsabs.harvard.edu/abs/1999NewAR..43..663A>>.

**Type of production:** Scientific paper

**Format:** Journal

- 88** Ruth Carballo; J. Ignacio González-Serrano; Chris R. Benn; Sebastian F. Sánchez; Mario Vigotti. The shape of the blue/UVcontinuum of B3-VLA radio quasars: dependence on redshift, blue/UVluminosity and radio power. Monthly Notices of the Royal Astronomical Society. 306, pp. 137 - 152. 1999. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

- 89** J. P. D. Mittaz; F. J. Carrera; E. Romero-Colmenero; K. O. Mason; G. Hasinger; R. McMahon; H. Andernach; R. Bower; J. Burgos-Martin; J. I. González-Serrano; D. Wonnacott. X-ray spectra of the RIXOS source sample. Monthly Notices of the Royal Astronomical Society. 308, pp. 233 - 256. 1999. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

- 90** H. R. de Ruiter; P. Parma; G. M. Stirpe; I. Perez-Fournon; I. Gonzalez-Serrano; R. B. Rengelink; M. N. Bremer. Bright galaxies from WENSS. I. The minisurvey. Astronomy and Astrophysics. 339, pp. 34 - 40. 1998. Available on-line at: <<http://adsabs.harvard.edu/abs/1998A%26A...339...34D>>.

**Type of production:** Scientific paper

**Format:** Journal

- 91** X. Barcons; R. Carballo; M. T. Ceballos; R. S. Warwick; J. I. Gonzalez-Serrano. Discovery of an X-ray-selected radio-loud obscured AGN at  $z=1.246$ . Monthly Notices of the Royal Astronomical Society. 301, pp. L25 - L29. 1998. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

- 92** R. Carballo; S. F. Sánchez; J. I. González-Serrano; C. R. Benn; M. Vigotti. K-Band Imaging of 52 B3-VLA Quasars: Nucleus and Host Properties. The Astronomical Journal. 115, pp. 1234 - 1252. 1998. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal

- 93** C. R. Benn; M. Vigotti; R. Carballo; J. I. Gonzalez-Serrano; S. F. Sánchez. Red quasars not so dusty. Monthly Notices of the Royal Astronomical Society. 295, pp. 451 - 451. 1998. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:0](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:0)>

**Type of production:** Scientific paper

**Format:** Journal



94

S. B. G. Serjeant; N. Eaton; S. J. Oliver; A. Efstathiou; P. Goldschmidt; R. G. Mann; B. Mobasher; M. Rowan-Robinson; T. J. Sumner; L. Danese; D. Elbaz; A. Franceschini; E. Egami; M. Kontizas; A. Lawrence; R. McMahon; H. U. Norgaard-Nielsen; I. Perez-Fournon; J. I. Gonzalez-Serrano. Observations of the Hubble Deep Field with the Infrared Space Observatory - I. Data reduction, maps and sky coverage. Monthly Notices of the Royal Astronomical Society. 289, pp. 457 - 464. 1997. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)>

**Type of production:** Scientific paper

**Format:** Journal

95

P. Goldschmidt; S. J. Oliver; S. B. G. Serjeant; A. Baker; N. Eaton; A. Efstathiou; C. Gruppioni; R. G. Mann; B. Mobasher; M. Rowan-Robinson; T. J. Sumner; L. Danese; D. Elbaz; A. Franceschini; E. Egami; M. Kontizas; A. Lawrence; R. McMahon; H. U. Norgaard-Nielsen; I. Perez-Fournon; J. I. Gonzalez-Serrano. Observations of the Hubble Deep Field with the Infrared Space Observatory - II. Source detection and photometry. Monthly Notices of the Royal Astronomical Society. 289, pp. 465 - 470. 1997. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)>

**Type of production:** Scientific paper

**Format:** Journal

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S. J. Oliver; P. Goldschmidt; A. Franceschini; S. B. G. Serjeant; A. Efstathiou; A. Verma; C. Gruppioni; N. Eaton; R. G. Mann; B. Mobasher; C. P. Pearson; M. Rowan-Robinson; T. J. Sumner; L. Danese; D. Elbaz; E. Egami; M. Kontizas; A. Lawrence; R. McMahon; H. U. Norgaard-Nielsen; I. Perez-Fournon; J. I. Gonzalez-Serrano. Observations of the Hubble Deep Field with the Infrared Space Observatory - III. Source counts and P(D) analysis. Monthly Notices of the Royal Astronomical Society. 289, pp. 471 - 481. 1997. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)>

**Type of production:** Scientific paper

**Format:** Journal

97

R. G. Mann; S. J. Oliver; S. B. G. Serjeant; M. Rowan-Robinson; A. Baker; N. Eaton; A. Efstathiou; P. Goldschmidt; B. Mobasher; T. J. Sumner; L. Danese; D. Elbaz; A. Franceschini; E. Egami; M. Kontizas; A. Lawrence; R. McMahon; H. U. Norgaard-Nielsen; I. Perez-Fournon; J. I. Gonzalez-Serrano. Observations of the Hubble Deep Field with the Infrared Space Observatory - IV. Association of sources with Hubble Deep Field galaxies. Monthly Notices of the Royal Astronomical Society. 289, pp. 482 - 489. 1997. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)>

**Type of production:** Scientific paper

**Format:** Journal

98

M. Rowan-Robinson; R. G. Mann; S. J. Oliver; A. Efstathiou; N. Eaton; P. Goldschmidt; B. Mobasher; S. B. G. Serjeant; T. J. Sumner; L. Danese; D. Elbaz; A. Franceschini; E. Egami; M. Kontizas; A. Lawrence; R. McMahon; H. U. Norgaard-Nielsen; I. Perez-Fournon; J. I. Gonzalez-Serrano. Observations of the Hubble Deep Field with the Infrared Space Observatory - V. Spectral energy distributions, starburst models and star formation history. Monthly Notices of the Royal Astronomical Society. 289, pp. 490 - 496. 1997. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)>

**Type of production:** Scientific paper

**Format:** Journal

99

M. J. Page; F. J. Carrera; G. Hasinger; K. O. Mason; R. G. McMahon; J. P. D. Mittaz; X. Barcons; R. Carballo; I. Gonzalez-Serrano; I. Perez-Fournon. The luminosity function evolution of soft X-ray-selected active galactic nuclei in the RIXOS survey. Monthly Notices of the Royal Astronomical Society. 281, pp. 579 - 590. 1996. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)>

**Type of production:** Scientific paper

**Format:** Journal

- 100** J. M. Martin-Mirones; E. Martinez-Gonzalez; J. I. Gonzalez-Serrano; J. L. Sanz. Intermediate-resolution spectroscopy of the radio galaxy B2 0902+34 at  $Z$  approximately equal 3.4. *The Astrophysical Journal*. 440, pp. 191 - 199. 1995. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)  
**Type of production:** Scientific paper **Format:** Journal
- 101** M. Balcells; R. Morganti; T. Oosterloo; I. Perez-Fournon; J. I. Gonzalez-Serrano. Kinematic profiles of dumbbell galaxies with twisted radio jets. *Astronomy and Astrophysics*. 302, pp. 665 - 665. 1995. Available on-line at: <http://adsabs.harvard.edu/abs/1995A%26A...302..665B>.  
**Type of production:** Scientific paper **Format:** Journal
- 102** N. Benitez; E. Martinez-Gonzalez; J. I. Gonzalez-Serrano; L. Cayon. R-band imaging of fields around 1 less than  $Z$  less than 2 radiogalaxies. *The Astronomical Journal*. 109, pp. 935 - 941. 1995. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)  
**Type of production:** Scientific paper **Format:** Journal
- 103** R. Carballo; R. S. Warwick; X. Barcons; J. I. Gonzalez-Serrano; C. R. Barber; E. Martinez-Gonzalez; I. Perez-Fournon; J. Burgos. The ROSAT UK Medium Sensitivity Survey: optical identification and relation to X-ray spectral properties. *Monthly Notices of the Royal Astronomical Society*. 277, pp. 1312 - 1326. 1995. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)  
**Type of production:** Scientific paper **Format:** Journal
- 104** E. Martinez-Gonzalez; J. I. Gonzalez-Serrano; L. Cayon; J. L. Sanz; J. M. Martin-Mirones. Upper limits on Ly $\alpha$  emission at redshift 3.4. *Astronomy and Astrophysics*. 303, pp. 379 - 379. 1995. Available on-line at: <http://adsabs.harvard.edu/abs/1995A%26A...303..379M>.  
**Type of production:** Scientific paper **Format:** Journal
- 105** J. I. Gonzalez-Serrano; I. Perez-Fournon; R. Morganti. Optical emission associated with the radio jet in B2 1243+26. *Monthly Notices of the Royal Astronomical Society*. 267, pp. 424 - 430. 1994. Available on-line at: <http://adsabs.harvard.edu/abs/1994MNRAS.267..424G>.  
**Type of production:** Scientific paper **Format:** Journal
- 106** J. I. Gonzalez-Serrano; R. Carballo; I. Perez-Fournon. The optical properties of low luminosity radio galaxies with radio jets. *The Astronomical Journal*. 105, pp. 1710 - 1729. 1993. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)  
**Type of production:** Scientific paper **Format:** Journal
- 107** J. I. Gonzalez-Serrano; I. Perez-Fournon. CCD surface photometry of three low-luminosity radio galaxies containing radio jets. *The Astronomical Journal*. 104, pp. 535 - 545. 1992. Available on-line at: [http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)  
**Type of production:** Scientific paper **Format:** Journal
- 108** J. I. Gonzalez-Serrano; E. A. Valentijn. A rotation curve study of the dwarf SC galaxy UGC 2259. *Astronomy and Astrophysics*. 242, pp. 334 - 342. 1991. Available on-line at: <http://adsabs.harvard.edu/abs/1991A%26A...242..334G>.  
**Type of production:** Scientific paper **Format:** Journal
- 109** J. I. Gonzalez-Serrano; I. Perez-Fournon. CCD surface photometry of the low-luminosity radio galaxies containing radio jets B2 0034 + 25 and B2 0206 + 35. *Astronomy and Astrophysics*. 249, pp. 75 - 87. 1991. Available on-line at: <http://adsabs.harvard.edu/abs/1991A%26A...249...75G>.

**Type of production:** Scientific paper**Format:** Journal**110**

J. I. Gonzalez-Serrano; I. Perez-Fournon. A stellar disk perpendicular to the radio jet in B2 0034+25. The Astrophysical Journal Letters. 338, pp. L29 - L32. 1989. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)>

**Type of production:** Scientific paper**Format:** Journal**111**

I. Perez-Fournon; J. I. Gonzalez-Serrano; L. Colina; P. L. Biermann. CCD photometry of the M87 jet. The Astrophysical Journal Letters. 329, pp. L81 - L84. 1988. Available on-line at: <[http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS\\_CPL&KeyUT=WOS:A](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:A)>

**Type of production:** Scientific paper**Format:** Journal

### Works submitted to national or international conferences

**1**

**Title of the work:** GLACE: A Window on the Evolution of Galaxies within Clusters. Revealing Galaxy Evolution within Zw Cl0024.0+1652

**Name of the conference:** Meeting of the Spanish Astronomical Society

**Date of event:** 15/07/2024

**Organising entity:** Sociedad Española de Astronomía

**City organizing entity:** Andalucía, Spain

1; S.B. de Daniloff; Angel Bongiovanni; al. et.

**2**

**Title of the work:** IRAM 30-meter millimeter follow-up of deep OSIRIS-GTC optical surveyse intermediate redshift cluster Zw Cl0024

**Name of the conference:** Observing the Universe at mm Wavelengths

**Corresponding author:** No

**City of event:** La Laguna, Canarias, Spain

**Date of event:** 26/06/2023

**End date:** 30/06/2023

**Organising entity:** LPSC Grenoble

**Type of entity:** Public Research Body

**City organizing entity:** Barcelona, France

Sánchez-Portal, M.; Bongiovanni, A.; Cepa, J.; González-Serrano, J. I.; J.J. Gonzalez; Gonzalez-Otero, M.; C. Padilla-Torres; Pérez García, A. M.; Pintos-Castro, I.; Pérez-Martínez, R.; I. Cruz-Gonzalez; A. Negrete; Z. Beyoro-Amado; M. Povic. "Highlights on Spanish Astrophysics XI, p119 (2023)".

**3**

**Title of the work:** Molecular gas in star-forming galaxies of the intermediate redshift cluster Zw Cl0024

**Name of the conference:** XI Scientific Meeting of the Spanish Astronomical Society,

**Corresponding author:** No

**City of event:** La Laguna, Canarias, Spain

**Date of event:** 2022

**Organising entity:** Sociedad Española de Astronomía

**City organizing entity:** Barcelona, Cataluña, Spain

Sánchez-Portal, M.; Bongiovanni, A.; Cepa, J.; Pérez García, A. M.; C. Padilla-Torres; González-Serrano, J. I.; Pintos-Castro, I.; Pérez-Martínez, R.; I. Cruz-Gonzalez; A. Negrete; Z. Beyoro-Amado; M. Povic. "Highlights on Spanish Astrophysics XI, p119 (2023)".

**4**

**Title of the work:** OSIRIS Large Guaranteed Time Programs

**Name of the conference:** IX Scientific Meeting of the Spanish Astronomical Society,

**City of event:** Bilbao, Spain



**Date of event:** 2016

Cepa, J.; Bongiovanni, A.; Ramón-Pérez, M.; Pérez García, A. M.; Alfaro, E. J.; Castaneda, H. O.; Cerviño, M.; Gallego, J.; González, J. J.; González-Serrano, J. I.; Lara-López, M. A.; Pérez-Martínez, R.; Pintos-Castro, I.; Sánchez-Portal, M.; Bland-Hawthorn, J.; Jones, D. H. "Highlights on Spanish Astrophysics IX, p76-87 (2017)".

**5 Title of the work:** The dependence of AGN triggering on environment

**Name of the conference:** Demographics and Environment of AGN from Multi-Wavelength Surveys,

**City of event:** Chania,

**Date of event:** 2015

Bessiere, P.; Almeida, C. R.; Tadhunter, C.; Inskip, K.; Morganti, R.; Dicken, D.; Gonzalez-Serrano, J.; Holt, J. "<http://xraygroup.astro.noa.gr/conferences2015>, id.8".

**6 Title of the work:** Microvariability of the type 2 QSOs

**Name of the conference:** XI Scientific Meeting of the Spanish Astronomical Society,

**City of event:** Teruel, Spain

**Date of event:** 2014

Polednikova, J.; Ederoclite, A.; Cepa, J.; de Diego, J. A.; González-Serrano, J. I.; Bongiovanni, A.; Oteo, I.; Pérez-García, A. M.; Pérez-Martínez, R.; Pintos-Castro, I.; Ramón-Pérez, M.; Sánchez-Portal, M. "Highlights of Spanish Astrophysics VIII, 376 (2015)".

**7 Title of the work:** OSIRIS@GTC: MOS at multiplex ?250

**Name of the conference:** XI Scientific Meeting of the Spanish Astronomical Society,

**City of event:** Teruel, Spain

**Date of event:** 2014

Fernández-Soto, A.; Bland-Hawthorn, J.; Carballo-Fidalgo, R.; Ederoclite, A.; González-Serrano, J. I.; Nieves Seoane, L.; Sánchez-Portal, M. "Highlights of Spanish Astrophysics VIII, 369 (2015)".

**8 Title of the work:** Present and future of the OTELO project

**Name of the conference:** XI Scientific Meeting of the Spanish Astronomical Society,

**City of event:** Teruel, Spain

**Date of event:** 2014

Ramón-Pérez, M.; Bongiovanni, A.; Cepa, J.; Pérez García, A.; Alfaro, E. J.; Castañeda, H.; Ederoclite, A.; González-Serrano, J. I.; González, J. J.; Gallego, J.; Sánchez-Portal, M. "Highlights of Spanish Astrophysics VIII, 304-309 (2015)".

**9 Title of the work:** Selection of High-z Radio-Loud Quasars, and Their Luminosity Function

**Name of the conference:** The Universe of Digital Sky Surveys,

**City of event:** Capodimonte, Italy

**Date of event:** 2014

Tuccillo, D.; González-Serrano, J. I.; Benn, C. R. "Astrophysics and Space Science Proceedings,". 42, p287 (2016),

**10 Title of the work:** Microvariability Case: Seyfert 2 Galaxies

**Name of the conference:** American Astronomical Society, AAS Meeting #221

**City of event:** Long Beach,

**Date of event:** 2013

Polednikova, Jana; Ederoclite, A.; Cepa, J.; de Diego Onsurbe, J.; Gonzalez Serrano, J. "American Astronomical Society, AAS Meeting #221, #430.10 (2013)".



- 11 Title of the work:** Optical microvariability of bright type 2 quasars  
**Name of the conference:** Multiwavelength AGN Surveys and Studies, IAU Symposium  
**City of event:** Yerevan, Armenia  
**Date of event:** 2013  
Polednikova, J.; Ederoclite, A.; Cepa, J.; de Diego, J.A., González-Serrano, J.I."Proceedings of the International Astronomical Union, IAUS, 304, 403 (2014)".
- 12 Title of the work:** Recent Results from the SAFIR Project  
**Name of the conference:** The Tenth International Workshop on Multifrequency Behaviour of High Energy Cosmic Sources,  
**City of event:** Palermo, Italy  
**Date of event:** 2013  
Sánchez-Portal; M."Acta Polytechnica CTU Proceedings 1(1), p.307-310".
- 13 Title of the work:** Data Mining for High Redshift Radio Loud Quasars  
**Name of the conference:** Science from the Next Generation Imaging and Spectroscopic Surveys (ESO)  
**City of event:** Garching, Germany  
**Date of event:** 2012  
Tuccillo, D.; McMahon, R.; Gonzalez-Serrano, I. J.; Carballo, R.; Banerji, M."http://www.eso.org/sci/meetings/2012/surveys2012/program.html, id.35".
- 14 Title of the work:** OSIRIS/GTC: status and prospects  
**Name of the conference:** X Scientific Meeting of the Spanish Astronomical Society (SEA)  
**City of event:** Valencia, Spain  
**Date of event:** 2012  
Cepa, J.; Bongiovanni, A.; Pérez García, A. M.; Ederoclite, A.; González-Serrano, J. I.; González, J. J.; Sánchez-Portal, M.; Alfaro, E. J.; Cabrera-Lavers, A."Highlights of Spanish Astrophysics VII,". pp. 868.
- 15 Title of the work:** On variability in obscured and unobscured AGNs  
**Name of the conference:** X Scientific Meeting of the Spanish Astronomical Society (SEA)  
**City of event:** Valencia, Spain  
**Date of event:** 2012  
Polednikova, J.; Ederoclite, A.; Cepa, J.; de Diego Onsurbe, J. A.; González-Serrano, J. I."Highlights of Spanish Astrophysics VII,".
- 16 Title of the work:** Results from selection of high redshift radio-loud quasars  
**Name of the conference:** X Scientific Meeting of the Spanish Astronomical Society (SEA)  
**City of event:** Valencia, Spain  
**Date of event:** 2012  
Tuccillo, D.; Gonzalez-Serrano, J. I.; Carballo, R."Highlights of Spanish Astrophysics VII,".
- 17 Title of the work:** SAFIR: testing the coexistence of AGN and star formation activity and the nature of the dusty torus in the local Universe  
**Name of the conference:** X Scientific Meeting of the Spanish Astronomical Society (SEA)  
**City of event:** Valencia, Spain  
**Date of event:** 2012  
Sánchez-Portal, M.; Castillo-Fraile, M.; Ramos Almeida, C.; Esquej, P.; Alonso-Herrero, A.; Pérez García, A. M.; Acosta-Pulido, J.; Altieri, B.; Bongiovanni, A.; Castro-Cerón, J. M.; Cepa, J.; Coia, D.; Conversi, L.; Fritz, J.; González-Serrano, J. I.; Hatziminaoglou, E.; Povi?, M.; Rodríguez Espinosa, J. M.; Valtchanov, I."Highlights of Spanish Astrophysics VII,". pp. 392.



- 18 Title of the work:** Status of the OTELO project  
**Name of the conference:** X Scientific Meeting of the Spanish Astronomical Society (SEA)  
**City of event:** Valencia, Spain  
**Date of event:** 2012  
Cepa, J.; Bongiovanni, A.; Pérez García, A. M.; Alfaro, E. J.; Castañeda, H. O.; Ederoclite, A.; González, J. J.; González--Serrano, J. I.; Sánchez--Portal, M.; Bland-Hawthorn, J.; Jones, D. H.; Gallego, J.; Rodríguez-Espinosa, J. M."Highlights of Spanish Astrophysics VII,". pp. 196.
- 19 Title of the work:** Lyman Alpha Emitters in gravitational lensed fields  
**Name of the conference:** Fourth Science Meeting with the GTC  
**City of event:** S/C de La Palma, Spain  
**Date of event:** 2011  
De Leo, M. A.; de Diego, J. A.; Verdugo, T.; Bongiovanni, A.; Cepa, J.; González-Serrano, J. I."Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias) Vol. 42,".
- 20 Title of the work:** OTELO Survey: Optimal Emission-Line Flux and Metallicity Estimation with OSIRIS/GTC  
**Name of the conference:** Fourth Science Meeting with the GTC  
**City of event:** S/C de La Palma, Spain  
**Date of event:** 2011  
Lara-López, M. A.; Cepa, J.; Castañeda, H. O.; Pérez García, A. M.; Bongiovanni, A.; Ederoclite, A.; Fernández Lorenzo, M.; Povic, M.; Sánchez-Portal, M.; Alfaro, E. J.; Gallego, J.; González, J. J.; González-Serrano, J. I."Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias) Vol. 42,".
- 21 Title of the work:** Testing the standard model of active galactic nuclei through quasar variability  
**Name of the conference:** IAU S285: New horizons in time-domain astronomy  
**City of event:** Oxford,  
**Date of event:** 2011  
Ederoclite, A.; Polednikova, J.; Cepa, J.; de Diego Onsurbe, J.A.; González-Serrano, J.I."IAU vol 7 S285, p. 312-314".
- 22 Title of the work:** The GaLAXy Cluster Evolution Survey (GLACE): overview and status report  
**Name of the conference:** Fourth Science Meeting with the GTC  
**City of event:** S/C de La Palma, Spain  
**Date of event:** 2011  
Sánchez-Portal, M.; Pintos-Castro, I.; Pérez-Martínez, R.; Cepa, J.; Bongiovanni, A.; Ederoclite, A.; Pérez García, A. M.; González-Serrano, J. I.; Alfaro, E. J.; The Glace Team. "Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias) Vol. 42,". pp. 44.
- 23 Title of the work:** The OTELO project  
**Name of the conference:** Fourth Science Meeting with the GTC  
**City of event:** S/C de La Palma, Spain  
**Date of event:** 2011  
Cepa, J.; Bongiovanni, A.; Pérez García, A. M.; Ederoclite, A.; Lara-López, M. A.; Alfaro, E. J.; Gallego, J.; González, J. J.; González-Serrano, J. I.; Sánchez-Portal, M.; Castañeda, H. O.; Bland-Hawthorn, J.; Rodríguez-Espinosa, J. M.; Fernández-Lorenzo, M.; Povic, M."Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias) Vol. 42,". pp. 70.
- 24 Title of the work:** The central structure of Broad Absorption Line QSOs: observational characteristics in the cm-mm wavelength domain  
**Name of the conference:** Astronomy at high angular resolution 2011. The central kiloparsec in galactic nuclei  
**City of event:** Colonia, Germany



**Date of event:** 2011

Bruni, G.; Mack, K.-H.; Dallacasa, D.; Montenegro-Montes, F. M.; Benn, C. R.; Carballo, R.; González-Serrano, J. I.; Holt, J.; Jiménez-Luján, F. "Journal of Physics: Conference Series," 372, Issue 1, id. 01,

**25 Title of the work:** A OSIRIS/GTC emission-line survey of the rich cluster Cl0024+2654 at  $z = 0.4$

**Name of the conference:** Highlights of Spanish Astrophysics VI.

**City of event:** Madrid, Spain

**Date of event:** 2010

Pintos-Castro, I.; GLACE team. "Highlights of Spanish Astrophysics VI. p397".

**26 Title of the work:** Morphology and orientation of radio-loud Broad Absorption Line quasars

**Name of the conference:** VLBI and the new generation of radio arrays.

**Type of participation:** Participatory - poster

**City of event:** Manchester,

**Date of event:** 2010

Bruni, G.; Mack, K.-H.; Dallacasa, D.; Montenegro Montes, F. M.; Benn, C. R.; Carballo, R.; González-Serrano, J. I.; Holt, J.; Jiménez-Luján, F. "<http://esoads.eso.org/abs/2010evn..confE..36B>". 2010.

**27 Title of the work:** OTELO project: first results

**Name of the conference:** Highlights of Spanish Astrophysics VI.

**City of event:** Madrid, Spain

**Date of event:** 2010

Cepa, J.; Bongiovanni, A.; Pérez-García, A. M.; Alfaro, E. J.; Castañeda, H. O.; Ederoclite, A.; González, J. J.; González-Serrano, J. I.; Sánchez-Portal, M.; Bland-Hawthorn, J.; Heath Jones, D.; Gallego, J.; Acosta-Pulido, J.; Esteban, C.; Rodríguez-Espinosa, J. M. "Highlights of Spanish Astrophysics VI. p167".

**28 Title of the work:** Physical conditions in outflow quasars

**Name of the conference:** Highlights of Spanish Astrophysics VI.

**City of event:** Madrid, Spain

**Date of event:** 2010

Jiménez-Luján, F.; Benn, C. R.; González-Serrano, J. I. "Highlights of Spanish Astrophysics VI. p386".

**29 Title of the work:** The GTC/OSIRIS data reduction system

**Name of the conference:** Highlights of Spanish Astrophysics VI.

**City of event:** Madrid, Spain

**Date of event:** 2010

Ederoclite, A.; OSIRIS team. "Highlights of Spanish Astrophysics VI. p380".

**30 Title of the work:** The GaLaxy Cluster Evolution survey (GLACE): introduction and first results

**Name of the conference:** Highlights of Spanish Astrophysics VI.

**City of event:** Madrid, Spain

**Date of event:** 2010

Sánchez-Portal, M.; Cepa, J.; Pintos-Castro, I.; Pérez-Martínez, R.; Smail, I.; Alfaro, E.; Altieri, B.; Aragón-Salamanca, A.; Balkowski, C.; Balogh, M.; Biviano, A.; Bongiovanni, A.; Bremer, M.; Castander, F.; Castañeda, H.; Castro-Rodríguez, N.; Coia, D.; Duc, P. A.; Geach, J.; González-Serrano, I.; Haines, C.; McBreen, B.; Metcalfe, L.; Pérez-Fournón, I.; Pérez García, A.; Poggianti, B.; Rodríguez-Espinosa, J. M.; Smith, G. P.; Temporin, G.; Valtchanov, I. "Highlights of Spanish Astrophysics VI. p353".

**31 Title of the work:** Distance determination to Broad Line Absorbers in AGN

**Name of the conference:** The American Astronomical Society Meeting #213

**Type of participation:** Participatory - poster



**City of event:** Long Beach, EE.UU.,

**Date of event:** 2009

Bautista, M., Arav, N.; Dunn, J.; Edmonds, D.; Korista, K. T.; Moe, M.; Benn, C.; González-Serrano, J.I."BAAS 41, 454". 2009.

- 32 Title of the work:** VLBA imaging of radio-loud BAL QSOs  
**Name of the conference:** The 9th European VLBI Network Symposium on The Role of VLBI in the Golden Age for Radio Astronomy and EVN Users Meeting  
**City of event:** Bologna, Italia,  
**Date of event:** 2009  
 Montenegro-Montes; F.M.; Mack; K.-H.; Benn; C.R.; Carballo; R.; Dallacasa; D.; González-Serrano; J.I.; Holt; J.; Jiménez-Luján; F."Proceedings of Science 2009, en Prensa". 2009.
- 33 Title of the work:** Are radio-loud Broad Absorption Line Quasars young sources?  
**Name of the conference:** Fourth Workshop on Compact Steep Spectrum and GHz-Peaked Spectrum Radio Sources  
**City of event:** Riccione, Italia,  
**Date of event:** 2008  
 Montenegro-Montes; F.M.; Mack; K.-H.; Benn; C.R.; Carballo; R.; González-Serrano; J.I.; Holt; J.; Jiménez-Luján; F."Astronomische Nachrichten, 330, 157-160 (2009)". 2008.
- 34 Title of the work:** Compact radio-loud broad absorption line quasars  
**Name of the conference:** The central kiloparsec: Active Galactic Nuclei and their hosts  
**City of event:** Creta, Grecia,  
**Date of event:** 2008  
 Montenegro-Montes; F.M.; Mack; K.-H.; Vigotti; M.; Benn; C.R.; Carballo; R.; González-Serrano; J.I.; Holt; J.; Jiménez-Luján; F."Memorie della Societa Astronomica Italiana, 79, 1221 (2008)". 2008.
- 35 Title of the work:** High-resolution optical spectroscopy of radio broad absorption line quasars  
**Name of the conference:** Highlights of Spanish Astrophysics V.  
**City of event:** Santander, Spain  
**Date of event:** 2008  
 Jiménez-Luján, F.; González-Serrano, J. I.; Benn, C. R."Highlights of Spanish Astrophysics V. p303". 2008.
- 36 Title of the work:** Metalicity estimation using N2 method with OSIRIS  
**Name of the conference:** Highlights of Spanish Astrophysics V.  
**Type of participation:** Participatory - poster  
**City of event:** Santander, Spain  
**Date of event:** 2008  
 Lara-López, M.A.; Cepa, J.; Castañeda, H.; Alfaro, E.; Bongiovanni, A.; Fernández-Lorenzo, M.; Gallego, J.; González, J.J.; González-Serrano, J.I.; Pérez-García, A.M.; Povic, M.; Sánchez-Portal, M."Highlights of Spanish Astrophysics V. p507". 2008.
- 37 Title of the work:** OTELO survey: X-ray emitters in the Groth Field – II. Properties of the AGN population  
**Name of the conference:** Highlights of Spanish Astrophysics V.  
**Type of participation:** Participatory - poster  
**City of event:** Santander, Spain  
**Date of event:** 2008  
 Sánchez-Portal, M.; Povic, M.; Pérez-García, A.M.; Bongiovanni, A.; Cepa, J.; Acosta-Pulido, J.A.; Alfaro, E.; Castañeda, H.; Fernández-Lorenzo, M.; Gallego, J.; González-Serrano, J.I.; González, J.J.; Lara-López, M.A."Highlights of Spanish Astrophysics V. p355". 2008.



- 38** **Title of the work:** OTELO survey: deep BVRI broad-band photometry of the Groth Strip: number counts and two-point correlation functions.  
**Name of the conference:** Highlights of Spanish Astrophysics V.  
**Type of participation:** Participatory - poster  
**City of event:** Santander, Spain  
**Date of event:** 2008  
Pérez-García, A.M.; Cepa, J.; Bongiovanni, A.; Alfaro, E.; Castañeda, H.; Gallego, J.; González-Serrano, J.I.; González, J.J.; Sánchez-Portal, M. "Highlights of Spanish Astrophysics V. p335". 2008.
- 39** **Title of the work:** OTELO survey: properties of X-ray emitters in the Groth Field  
**Name of the conference:** The X-ray Universe 2008  
**Type of participation:** Participatory - poster  
**City of event:** Granada, Spain  
**Date of event:** 2008  
Povic, M.; Sánchez-Portal, M., Pérez-García, A.M.; Alfaro, E.; Bongiovanni, A.; Castañeda, H.; Cepa, J., Gallego, J., González, J.J.; González-Serrano, J.I.; Fernández-Lorenzo, M.; Lara-López, M.A. "[http://xmm.esac.esa.int/external/xmm\\_science/workshops/2008symposium](http://xmm.esac.esa.int/external/xmm_science/workshops/2008symposium)". 2008.
- 40** **Title of the work:** OTELO survey: properties of X-ray emitters in the Groth Field – I. optical counterparts and morphological classification  
**Name of the conference:** Highlights of Spanish Astrophysics V.  
**Type of participation:** Participatory - poster  
**City of event:** Santander, Spain  
**Date of event:** 2008  
Povic, M.; Sánchez-Portal, M.; Pérez-García, A.M.; Bongiovanni, A.; Cepa, J.; Acosta-Pulido, J.A.; Alfaro, E.; Castañeda, H.; Fernández-Lorenzo, M.; Gallego, J.; González-Serrano, J.I.; González, J.J.; Lara-López, M.A. "Highlights of Spanish Astrophysics V. p343". 2008.
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**Name of the conference:** Highlights of Spanish Astrophysics V.  
**Type of participation:** Participatory - poster  
**City of event:** Santander, Spain  
**Date of event:** 2008  
Montenegro-Montes, F.M.; Mack, K.-H.; Benn, C.R.; Carballo, R.; González-Serrano, J. I.; Holt, J.; Jiménez-Luján, F. "Highlights of Spanish Astrophysics V. p319". 2008.
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**City of event:** Santander, Spain  
**Date of event:** 2008  
Carballo, R.; González-Serrano, J. I.; Benn, C. R.; Jiménez-Luján, F. "Highlights of Spanish Astrophysics V. p265". 2008.
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**Name of the conference:** Highlights of Spanish Astrophysics V.  
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**Name of the conference:** seventh Scientific Meeting of the Spanish Astronomical Society  
**City of event:** Barcelona, Spain  
**Date of event:** 2006  
Carballo; R.; González-Serrano; J.I.; Montenegro-Montes; F.M.; Benn; C.R.; Mack; K.-H.; Pedani; M.; Vigotti; M."Highlights of Spanish Astrophysics IV (2007) CD". 2006.
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**Name of the conference:** seventh Scientific Meeting of the Spanish Astronomical Society  
**City of event:** Barcelona, España,  
**Date of event:** 2006  
Cepa, J.; Aguiar, M.; Alfaro, E. J.; Bland-Hawthorn, J.; Castañeda, H. O.; Cobos, F.; Correa, S.; Espejo, C.; Farah, A.; Fragoso-López, A. B.; Gigante, J. V.; Garfias, F.; González, J. J.; González-Escalera, V.; González-Serrano, J. I.; Hernández, B.; Herrera, A.; Militello, C.; Peraza, L.; Pérez, R.; Rasilla, J. L.; Sánchez, B.; Sánchez-Portal, M.; Tejada, C."Highlights of Spanish Astrophysics IV, p71 (2007)". 2006.
- 46** **Title of the work:** OTELO: The Stellar Component of the Groth Field  
**Name of the conference:** First Light Science with the GTC  
**Type of participation:** Participatory - poster  
**City of event:** Florida,  
**Date of event:** 2006  
Pérez-García, A. M.; Alfaro, E. J.; Cepa, J.; Castañeda, H. O.; Gallego, J.; González, J. J.; González-Serrano, J. I.; Sánchez-Portal, M."Revista Mexicana de Astronomía y Astrofísica: serie de conferencias, 29,155 (2007)". 2006.
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**Name of the conference:** First Light Science with the GTC  
**Type of participation:** Participatory - poster  
**City of event:** Florida,  
**Date of event:** 2006  
Sánchez-Portal, M.; Pérez-García, A. M.; Cepa, J.; González-Serrano, J. I.; Alfaro, E. J.; Castañeda, H. O.; Gallego, J.; González, J. J."Revista Mexicana de Astronomía y Astrofísica: serie de conferencias, 29,175 (2007)". 2006.
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**Name of the conference:** seventh Scientific Meeting of the Spanish Astronomical Society  
**Type of participation:** Participatory - poster  
**City of event:** Barcelona, Spain  
**Date of event:** 2006  
González-Serrano; J.I.; Pérez-García; A.M.; Sánchez-Portal; M.; Cepa; J.; Gallego; J.; Castañeda; H.O.; Alfaro; E.J.; González; J.J."Highlights of Spanish Astrophysics IV (2007) CD". 2006.
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**Name of the conference:** First Light Science with the GTC  
**City of event:** Florida,  
**Date of event:** 2006  
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**Name of the conference:** The Central Engine of Active Galactic Nuclei  
**Type of participation:** Participatory - poster  
**City of event:** Xian, China  
**Date of event:** 2006  
Benn, C.R.; Carballo, R.; Holt, J.; Vigotti, M.; González-Serrano, J. I.; Mack, K.-H.; Perley, R. A. "Astronomical Society of the Pacific Conference Series, 373, 201 (2007)". 2006.
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**Name of the conference:** seventh Scientific Meeting of the Spanish Astronomical Society  
**Type of participation:** Participatory - poster  
**City of event:** Barcelona, Spain  
**Date of event:** 2006  
Sánchez-Portal; M.; Pérez-García; A.M.; Cepa; J.; González-Serrano; J.I.; Alfaro; E.J.; Castañeda; H.O.; Gallego; J.; González; J.J. and the OTELO collaboration. "Highlights of Spanish Astrophysics IV (2007) CD". 2006.
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**Name of the conference:** Astronomical Data Analysis Software and Systems XV  
**Type of participation:** Participatory - poster  
**City of event:** El Escorial, Spain  
**Date of event:** 2005  
de Miguel Ferreras, D., González-Serrano, J. I., Sánchez-Portal, M.; Castañeda, H.; Cepa, J.; Aguiar, M.; Quirk, R. "ASP Conference Series, Vol. 351, 351-354 (2006)". 2005.
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**Name of the conference:** The X-ray Universe. ESA workshop  
**Type of participation:** Participatory - poster  
**City of event:** El Escorial, Spain  
**Date of event:** 2005  
Sánchez-Portal, M.; Pérez-García, A. M.; Cepa, J.; Alfaro, E.; Castañeda, H.; Gallego, J.; González-González, J. J.; González-Serrano, J. I. "Proceedings of the The X-ray Universe 2005 (ESA SP-604), Editor: A. Wilson, p.841 (2006)". 2005.
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**Name of the conference:** II International GTC workshop  
**Type of participation:** Participatory - poster  
**City of event:** México,  
**Date of event:** 2004  
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**Name of the conference:** II International GTC workshop  
**Type of participation:** Participatory - poster  
**City of event:** México,  
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J.I. González-Serrano; J. Cepa; J. Gallego; E. J. Alfaro; M. Sánchez-Portal; J.J. González; A.M. Pérez-García. "Revista Mexicana de Astronomía y Astrofísica: serie de conferencias, 24, 245 (2005)". 2004.



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**Date of event:** 2004  
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**City of event:** México,  
**Date of event:** 2004  
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**Name of the conference:** II International GTC workshop  
**City of event:** México,  
**Date of event:** 2004  
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**Name of the conference:** JENAM 2003  
**Type of participation:** Participatory - poster  
**City of event:** Budapest, Hungary  
**Date of event:** 2003  
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**City of event:** Santander, Spain  
**Date of event:** 2002  
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**City of event:** Toledo, Spain  
**Date of event:** 2002  
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**Name of the conference:** Science with the GTC 10-m telescope  
**Type of participation:** Participatory - poster  
**City of event:** Granada, Spain  
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**City of event:** Bonn, Germany  
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**Type of participation:** Participatory - poster

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**Date of event:** 1996  
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**City of event:** ?Bologna, Italy  
**Date of event:** 1996  
?J.I. González-Serrano; I. Pérez-Fournon; L. Gregorini; L. Padrielli; H.R. de Ruiter?????. "?IAU 175, 155????". 1996.
- 102** **Title of the work:** Upper limits on the Ly $\alpha$  emission at  $z=4$   
**Name of the conference:** ?IAU Symposium 168, Examining the Big Bang and diffuse background radiations????  
**City of event:** La Haya,  
**Date of event:** 1996  
E. Martínez-González; J.I. González-Serrano; J.L. Sanz; J.M. Martín-Mirones; L. Cayón. "?IAU 168, 497????". 1996.
- 103** **Title of the work:** ?Spectroscopy of the extended?emission line regions in NGC 4388???  
**Name of the conference:** ?The Nature of compact objects in active galactic nuclei????  
**City of event:** Herstmonceux,  
**Date of event:** 1994  
?I. Pérez-Fournon; B. Vila-Vilaró; J.A. Acosta-Pulido; J.I. González-Serrano; M. Balcells; A.S. Wilson; Z. Tsvetanov?????. "?The Nature of Compact Objects in Active Galactic Nuclei, 40?????". 1994.
- 104** **Title of the work:** ?The galaxy activity-interaction connection?in low luminosity radio galaxies???  
**Name of the conference:** ?Mass-transfer induced activity in galaxies????  
**City of event:** Lexington,  
**Date of event:** 1994  
?J.I. González-Serrano; R. Carballo; I. Pérez-Fournon?????. "?Mass-transfer induced activity in galaxies, 382?????". 1994.
- 105** **Title of the work:** ?The optical counterpart of the East lobe in M87????  
**Name of the conference:** ?Sub-arcsecond Radio Astronomy????  
**City of event:** ?Manchester,  
**Date of event:** 1993  
?J.I. González-Serrano; I. Pérez-Fournon; W. Junor?????. "?Sub-arcsecond Radio Astronomy 290?????". 1993.



- 106** **Title of the work:** ?Galaxy clustering around B2 quasars????  
**Name of the conference:** ?Physics of Active Galactic Nuclei????  
**City of event:** ?Heidelberg, Germany  
**Date of event:** 1992  
?I. Pérez-Fournon; M. Serra-Ricart; J.I. González-Serrano; L. Gregorini; L. Padrielli; H.R. de Ruiter?????. "?  
Physics of Active Galactic Nuclei, 416?????". 1992.
- 107** **Title of the work:** ?Gas and dust in NGC 1275????  
**Name of the conference:** ?Physics of Active Galactic Nuclei????  
**City of event:** ?Heidelberg, Germany  
**Date of event:** 1992  
B. Vila-Vilaró; I. Pérez-Fournon; J.I. González-Serrano?????. "?Physics of Active Galactic Nuclei, 432?????".  
1992.
- 108** **Title of the work:** ?Optical emission associated with the radio jet in B2 1243+26????  
**Name of the conference:** ?Physics of Active Galactic Nuclei????  
**City of event:** ?Heidelberg, Germany  
**Date of event:** 1992  
?J.I. González-Serrano; I. Pérez-Fournon?????. "?Physics of Active Galactic Nuclei, 404?????". 1992.
- 109** **Title of the work:** ?Morphological properties of radio elliptical galaxies????  
**Name of the conference:** ?Evolutionary phenomena in galaxies????  
**City of event:** Pto. de la Cruz,  
**Date of event:** 1989  
J.I. González-Serrano; I. Pérez-Fournon?????. "?Astrophysics and Space Science, 156, 121?????". 1989.
- 110** **Title of the work:** ?Radio to optical spectral index variations along the M87 jet????  
**Name of the conference:** ?Evolutionary phenomena in galaxies????  
**City of event:** Pto. de la Cruz,  
**Date of event:** 1989  
J.I. González-Serrano; I. Pérez-Fournon; W. Junor; R. Spncer. "Astrophysics and Space Science, 157, 183".  
1989.
- 111** **Title of the work:** Digital Photometry of the jet in M87  
**Name of the conference:** ?Hot Spots in Extragalactic Radio Sources????  
**City of event:** Tegernsee, Germany  
**Date of event:** 1989  
I. Pérez-Fournon; L. Colina; J.I. González-Serrano; P.L. Biermann. "?Hot Spots in Extragalactic Radio  
Sources, Springer-Verlag, 89?????". 1989.
- 112** **Title of the work:** CCD photometry of the jet in M87: new features revealed  
**Name of the conference:** Accretion onto compact objects  
**Type of participation:** Participatory - poster  
**City of event:** Sofia, Bulgaria  
**Date of event:** 1988  
J.I. González-Serrano; I. Pérez-Fournon; L. Colina. "Adv. in Space Research, 8, 635". 1988.



## Science Outreach activities

- 1** **Title of the work:** Explorando el Sistema Solar  
**Name of the event:** Expandiendo la Ciencia  
**Type of event:** Conferences given  
**Corresponding author:** No  
**City of event:** Los Corrales de Buelna, Cantabria, Spain  
**Date of event:** 17/01/2018  
**Organising entity:** Instituto de Física de Cantabria (IFCA) **Type of entity:** Public Research Body  
**City organizing entity:** Santander, Cantabria, Spain
- 2** **Title of the work:** El Universo a escala  
**Name of the event:** Expandiendo la Ciencia  
**Type of event:** Conferences given  
**Corresponding author:** No  
**City of event:** Santander, Cantabria, Spain  
**Date of event:** 11/12/2017  
**Organising entity:** Instituto de Física de Cantabria **Type of entity:** State agency  
**City organizing entity:** Santander, Cantabria, Spain
- 3** **Title of the work:** Ondas gravitatorias: la otra luz del cosmos  
**Name of the event:** Conferencias  
**Type of event:** Conferences given  
**City of event:** Santander, Cantabria, Spain  
**Date of event:** 21/04/2016  
**Organising entity:** CASYC **Type of entity:** Foundation  
**City organizing entity:** Santander, Cantabria, Spain
- 4** **Title of the work:** La flecha del tiempo  
**Name of the event:** Charlas ciencia  
**Type of event:** Conferences given  
**City of event:** Colindres, Cantabria, Spain  
**Date of event:** 24/11/2015  
**Organising entity:** I.E.S. Valentin Turiezo/IFCA **Type of entity:** Instituto secundaria
- 5** **Title of the work:** ¿Hay planetas habitables?  
**Name of the event:** Charlas Ateneo  
**Type of event:** Conferences given  
**City of event:** Santander, Cantabria, Spain  
**Date of event:** 06/03/2015  
**Organising entity:** Ateneo de Santander **Type of entity:** Foundation  
**City organizing entity:** Santander, Cantabria, Spain
- 6** **Title of the work:** Astronomía y Geometría  
**Name of the event:** ESTALMAT  
**Type of event:** Conferences given  
**City of event:** Santander, Cantabria, Spain  
**Date of event:** 30/05/2009



**Organising entity:** Universidad de Cantabria

**Type of entity:** University

**7 Title of the work:** Radioastronomía

**Name of the event:** IV Semana de Astronomía

**Type of event:** Conferences given

**City of event:** Santander, Cantabria, Spain

**Date of event:** 05/10/2003

**Organising entity:** Asociación Astronómica  
Universitaria Cassiopeia

**Type of entity:** Associations and Groups

**City organizing entity:** Santander, Cantabria, Spain

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

**1 Committee title:** Comité de Asignación de Tiempo (CAT)

**Affiliation entity:** Instituto de Astrofísica de Canarias

**Start date:** 05/2011

**2 Committee title:** Comité de Asignación de Tiempo (CAT)

**Affiliation entity:** Instituto de Astrofísica de Canarias

**Start date:** 05/2009

**3 Committee title:** Comité de Asignación de Tiempo (CAT)

**Affiliation entity:** Instituto de Astrofísica de Canarias

**Start date:** 05/2002

**4 Committee title:** Comité de Asignación de Tiempo (CAT)

**Affiliation entity:** Instituto de Astrofísica de Canarias

**Start date:** 11/2001

### Organization of R&D activities

**1 Title of the activity:** XXXIII Biental de la Real Sociedad Española de Física

**Type of activity:** Comité Organizador

**Geographical area:** Organización de encuentro científico

**Start date:** 09/2011

**2 Title of the activity:** SecondCabrera Workshop Using the GTC and its Day One Instruments (Mérida, México)

**Type of activity:** Comité Científico Organizador

**Geographical area:** Organización de encuentro científico

**Start date:** 11/2008

**3 Title of the activity:** First Cabrera Workshop Using the GTC and its Day One Instruments (La Palma)

**Type of activity:** Comité Científico Organizador

**Geographical area:** Organización de encuentro científico

**Start date:** 09/2007



- 4** **Title of the activity:** VIII Reunión Científica de la Sociedad Española de Astronomía (Santander, Julio 2008)  
**Type of activity:** Comité Científico Organizador **Geographical area:** Organización de encuentro científico  
**Start date:** 2007
- 5** **Title of the activity:** VIII Reunión Científica de la Sociedad Española de Astronomía (Santander, Julio 2008)  
**Type of activity:** Comité Organizador Local **Geographical area:** Organización de encuentro científico  
**Start date:** 2007
- 6** **Title of the activity:** Winter School of Astrophysics XVIII (The Emission-Line Universe, Tenerife noviembre 2006)  
**Type of activity:** Comité Científico Organizador **Geographical area:** Organización de encuentro científico  
**Start date:** 2007
- 7** **Title of the activity:** VII Reunión Científica de la Sociedad Española de Astronomía (Barcelona, Septiembre 2006)  
**Type of activity:** Comité Científico Organizador **Geographical area:** Organización de encuentro científico  
**Start date:** 2005
- 8** **Title of the activity:** Vth OSIRIS Scientific Meeting  
**Type of activity:** Reunión equipo científico de OSIRIS **Geographical area:** Organización de encuentro científico  
**Start date:** 09/2001
- 9** **Title of the activity:** OSIRIS Instrumento de Primera Luz para el GTC  
**Type of activity:** Miembro del Instrument Definition Team **Geographical area:** Instrumentación astronómica  
**Start date:** 1997

## Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** Evaluación proyectos de I+D+i  
**Performed tasks:** Evaluador  
**Entity where activity was carried out:** Servicio de Fomento y Ordenación de I+D+i **Type of entity:** State agency  
**City of entity:** Zaragoza, Aragón, Spain  
**Start-End date:** 01/05/2024 - 30/06/2024
- 2** **Name of the activity:** Evaluación proyectos de I+D+i  
**Performed tasks:** Evaluador  
**Entity where activity was carried out:** AGENCIA DE GESTIO D'AJUTS UNIVERSITARIS I DE RECERCA  
**City of entity:** Barcelona, Cataluña, Spain  
**Start-End date:** 25/09/2017 - 01/12/2017



- 3** **Name of the activity:** Revisión artículos Astronomy & Astrophysics  
**Performed tasks:** Arbitro  
**Entity where activity was carried out:** Astronomy & Astrophysics  
**City of entity:** Germany  
**Type of activity:** Review of articles in scientific or technological journals  
**Access system:** With or without publicity for the decision  
**Start-End date:** 2000 - 2017  
**Frequency of the activity:** 6  
**Geographical area:** Non EU International
- 4** **Name of the activity:** Revisión artículos MNRAS  
**Performed tasks:** Arbitro  
**Entity where activity was carried out:** Monthly Notices of the Royal Astronomical Society  
**City of entity:** United Kingdom  
**Type of activity:** Review of articles in scientific or technological journals  
**Access system:** With or without publicity for the decision  
**Start-End date:** 2000 - 2017  
**Frequency of the activity:** 4  
**Geographical area:** Non EU International
- 5** **Name of the activity:** Evaluación Ramón y Cajal  
**Performed tasks:** Evaluador  
**Entity where activity was carried out:** Agencia Nacional de Evaluación y Prospectiva  
**Start date:** 2016  
**Type of entity:** agencia nacional
- 6** **Name of the activity:** Evaluación Ramón y Cajal  
**Performed tasks:** Evaluador  
**Entity where activity was carried out:** Agencia Nacional de Evaluación y Prospectiva  
**Start date:** 2008  
**Type of entity:** agencia nacional
- 7** **Name of the activity:** Evaluación proyectos  
**Performed tasks:** Evaluador  
**Entity where activity was carried out:** Agencia Nacional de Evaluación y Prospectiva  
**Start date:** 2007  
**Type of entity:** Agencia nacional



## Other achievements

### Stays in public or private R&D centres

- 1 **Entity:** Instituto di Radioastronomia di Bologna /INAF **Type of entity:** Public Research Body  
**City of entity:** Bologna, Emilia-Romagna, Italy  
**Start-End date:** 20/07/1996 - 10/08/1996  
**Goals of the stay:** Guest
- 2 **Entity:** Dpto. Física Teórica, Universidad Sao Paulo **Type of entity:** University  
**City of entity:** Sao Paulo, Brazil  
**Start date:** 15/08/2012 **Duration:** 28 days  
**Name of programme:** Cuásares en el survey J-PAS  
**Goals of the stay:** Guest  
**Provable tasks:** Survey J-PAS
- 3 **Entity:** Virginia Polytechnic Institute and State University **Type of entity:** University  
**Faculty, institute or centre:** Physics Dpt.  
**City of entity:** Blacksburg, United States of America  
**Start date:** 13/08/2008 **Duration:** 21 days  
**Name of programme:** Cuásares BAL  
**Goals of the stay:** Guest
- 4 **Entity:** Instituto de Astrofísica de Canarias **Type of entity:** Public Research Body  
**City of entity:** La Laguna, Spain  
**Start date:** 24/01/2000 **Duration:** 280 days  
**Name of programme:** Instrumento OSIRIS y survey ELAIS  
**Goals of the stay:** O, estancia sabática
- 5 **Entity:** Kapteyn Astronomical Institute, Universidad de Groningen  
**City of entity:** Groningen,  
**Start date:** 01/10/1988 **Duration:** 728 days  
**Name of programme:** Curvas de rotación de galaxias espirales enanas  
**Goals of the stay:** Post-doctoral

### Scientific societies and professional associations

- 1 **Name of the society:** Real Sociedad Española de Física  
**Affiliation entity:** REAL SOCIEDAD ESPAÑOLA DE FISICA  
**City affiliation entity:** Madrid, Madrid, Comunidad de, Spain  
**Start date:** 2011
- 2 **Name of the society:** Asociación Astrofísica para la Promoción de la Investigación, Instrumentación y su Desarrollo  
**Affiliation entity:** ASPID **Type of entity:** Associations and Groups  
**City affiliation entity:** La Laguna, Canarias, Spain



**Professional category:** Astronomos profesionales  
**Start date:** 14/04/2010

**3 Name of the society:** International Astronomical Union (IAU)  
**Affiliation entity:** International Astronomical Union (IAU)  
**City affiliation entity:** Paris, France  
**Professional category:** Astronomos profesionales doctores  
**Nº of members:** 12.645  
**Start date:** 1992

**4 Name of the society:** Sociedad Española de Astronomía (SEA)  
**Affiliation entity:** Sociedad Española de Astronomía (SEA)  
**City affiliation entity:** Barcelona, Cataluña, Spain  
**Professional category:** Astrónomos  
**Nº of members:** 700  
**Start date:** 1992

### Periods of research activity and knowledge transfer

**1 Geographical area:** National  
**Certifying entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación  
**Date of recognition:** 01/01/2024  
**Type of entity:** Agencia Nacional

**2 Geographical area:** National  
**Certifying entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación  
**Date of recognition:** 01/01/2018  
**Type of entity:** Agencia Nacional

**3 Geographical area:** National  
**Certifying entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación  
**Date of recognition:** 01/01/2012  
**Type of entity:** Agencia Nacional

**4 Geographical area:** National  
**Certifying entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación  
**Date of recognition:** 01/01/2006  
**Type of entity:** Agencia Nacional

**5 Geographical area:** National  
**Certifying entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación  
**Date of recognition:** 01/01/2000  
**Type of entity:** Agencia Nacional

**6 Geographical area:** National  
**Certifying entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación  
**Date of recognition:** 01/01/1994  
**Type of entity:** Agencia Nacional



## Obtained accreditations/recognitions

- 1** **Description:** Sexenios de investigación  
**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** Agencia Nacional de la Calidad y Acreditación  
**N° of recognized periods:** 5  
**Date of reception:** 01/01/2018 **Date of recognition:** 2024
- 2** **Description:** Acreditado para el cuerpo de Catedráticos de Universidad  
**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** Agencia estatal  
**City accrediting entity:** Madrid, Madrid, Comunidad de, Spain  
**Date of recognition:** 08/09/2009
- 3** **Description:** Acreditación Catedrático de Universidad  
**Accrediting entity:** Agència per a la Qualitat del Sistema Universitari de Catalunya **Type of entity:** State agency  
**City accrediting entity:** Barcelona, Cataluña, Spain  
**Date of recognition:** 2006

## Other merits of research activity