



Profolio of Researchers and Research Teams

VISION, TELEMEDICINE.

(Last update 03/04/2013)

Code: GI-1239

Department: Cirurxía

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Research field

- Neuroscience. Phsyiology of the visual system.
- Ophthalmology.
- Telemedicine.

Technology services

- Neurophysiological recordings.
- Telemedicine equipment and resources.
- Equipment for respiratory diseases
- Techniques of Ophthalmology.

Key words

Vision; Stereopsis; Telemedicine; Teleophthalmology; Neural recordings; Visual Sciencies; Visual Perception; Apnea; Neurophysiology;

Researchers

Name

González García, F.
Díez-Feijoo Arias, E.
Gómez-Ulla Irazazabal, F.J.
Rodríguez Cid, M.J.

Position

Coordinator
Member
Member
Member

External collaborators

María del Carmen Romero Pita

Lab. Neuro-Psychophysiology - Katholieke Universitet Leuven

RTD PROJECTS (period: 2009 - 2013)

Title:

CONTRATACIÓN TÉCNICOS DE APOIO- Modalidade infraestructuras

Tipology: Plan Nacional

Duration: 07/11/2011 - 06/12/2014

Main investigator: González García, Francisco

Title:

Integración visual, auditiva y motora en los ganglios basales

Tipology: Plan Nacional

Duration: 01/01/2011 - 31/12/2013

Main investigator: González García, Francisco

Title:

Mejora de revisión administrativa en la justificación de proyectos FEDER de la Universidade de Santiago de Compostela. Acción Complementaria, Modalidad G

Tipology: Acciones complementarias

Duration: 16/12/2010 - 24/05/2013

Main investigator: González García, Francisco

Title:

Estudio da actividade neuronal no putamen ante unha tarefa multisensorial.

Tipology: Proxectos Xunta

Duration: 10/08/2010 - 30/09/2013

Main investigator: González García, Francisco

Title:

Campus Vida CEI09/0049: Plan 4.2: Atracción y movilidad de talento: línea reclutamiento investigadores. Axudas Predoutorais. Escola de Doutoramento Internacional

Tipology: Axudas xerais

Duration: 01/01/2010 - 31/12/2011

Main investigator: González García, Francisco

Title:

Campus Vida CEI09/0049: Plan 6: 'Mellora dos servizos de apoio á investigación'

Tipology: Axudas xerais

Duration: 01/01/2010 - 31/12/2014

Main investigator: González García, Francisco

Technological customers and partners

- Centro de Investigación Biomédica en Red en Enfermedades Neurodegenerativas
- Centro de Investigación Biomédica en Red en Enfermedades Raras
- Centro de Investigación Biomédica en Red en Epidemiología y Salud Pública
- Centro de Investigación Biomédica en Rede e Fisiopatología de Obesidad y Nutrición
- Entidade Nacional de Acreditación
- EQA Certificados I+D+i

Patents

Application: P9401658

Application date: 28/07/1994

Title:

LAMPARA MANUAL PARA LA PROYECCION DE ESTIMULOS VISUALES CONSISTENTES EN RECTANGULOS O PUNTOS LUMINOSOS DE TAMAÑO VARIABLE Y DIAPOSITIVAS.

Inventors: - González García, Francisco

SCIENTIFIC PRODUCTION (period: 2007 - 2011)

Articles in scientific journals

Article:

Sensitivity to direction and orientation of random dot stereobars in the monkey visual cortex

Journal: EUROPEAN JOURNAL OF NEUROSCIENCE, ISSN: 0953-816X
2007

Article:

Eye dominance and response latency in area V1 of the monkey

Journal: VISUAL NEUROSCIENCE, ISSN: 0952-5238
2007

Article:

Evaluation of retinal digital images by a general practitioner

Journal: Telemedicine and e-Health, ISSN: 1530-5627
2007

Article:

Cecum B cell lymphoma presenting as a Tolosa-Hunt syndrome

Journal: CANADIAN JOURNAL OF OPHTHALMOLOGY-JOURNAL CANADIEN D OPHTALMOLOGIE, ISSN: 0008-
2007

Article:

Bilateral ocular involvement in encephalocraniocutaneous lipomatosis

Journal: EUROPEAN JOURNAL OF PAEDIATRIC NEUROLOGY, ISSN: 1090-3798
2007

Article:

Spatial frequency components influence cell activity in the inferotemporal cortex

Journal: VISUAL NEUROSCIENCE, ISSN: 0952-5238
2009

Article:

Chloral Hydrate anesthesia and lens opacification in mice

Journal: CURRENT EYE RESEARCH, ISSN: 0271-3683
2009

Article:

Palpebro-orbital myiasis in a patient with basal cell carcinoma

Journal: EUROPEAN JOURNAL OF OPHTHALMOLOGY, ISSN: 1120-6721
2009

Article:

Serum levels of gamma-glutamyl transferase are associated with markers of nocturnal hypoxemia in a general adult population.

Journal: CLINICA CHIMICA ACTA, ISSN: 0009-8981
2009

Article:

Orientation preference and horizontal disparity sensitivity in the monkey visual cortex.

Journal: OPHTHALMIC AND PHYSIOLOGICAL OPTICS, ISSN: 0275-5408
2010

Article:

Time course of cataract development in anesthetized mice.

Journal: CURRENT EYE RESEARCH, ISSN: 0271-3683
2011

Article:

Algorithm for registration of full Scanning Laser Ophthalmoscope video sequences.

Journal: COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, ISSN: 0169-2607
2011

Chapter:

Title:

Visual knowledge-based metaphors to support the analysis of polysomnographic recordings

Book:

Advances in Intelligent and Soft Computing

(978-3-540-85860-7)Publicación: 2009

Editorial:Springer

Title:

Terapia génica y células madre en la patología retiniana.

Book:

Patología y cirugía de la mácula.

(978-84-89085-44-2)Publicación: 2010

Editorial:Sociedad Española de Oftalmología

Title:

Telenursing in chronic respiratory diseases.

Book:

Telenursing

(978-08-5729-528-6)Publicación: 2011

Editorial:Springer Verlag

Doctoral theses:

Title:

Análisis de la actividad celular en la corteza inferotemporal, la amígdala, el caudado y el putamen, durante la realización de una tarea visuomotora

Date of dissertation: 21/02/2008

Director: Francisco González García

Author: María del Carmen Romero Pita

Title:

Estudio da eficacia do tratamento con Próteses de Avance Mandibular (PAM) na Síndrome de Apnea Obstrutiva do Sono (SAHS)

Date of dissertation: 29/05/2009

Director: David Suárez Quintanilla, Carlos Zamarrón Sanz

Author: Pedro Álvarez-Gómez Peña

Title:

Estudio retrospectivo de las alteraciones visuales en pacientes con lobectomía temporal

Date of dissertation: 04/03/2010

Director: Francisco Javier Gómez-Ulla Irazazabal, Francisco González García

Author: María Lozano Vázquez
