CURRÍCULUM VÍTAE NORMALIZADO

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GOBIERNO DE ESPAÑA
MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

FECYT INNOVACIÓN

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.

Los estudios doctorales fueron supervisados por el Prof. J.M. Delgado-García. La tesis definió el patrón de actividad de las motoneuronas e interneuronas del núcleo abducens del gato. Continué mi formación en experimentos conductuales con animales durante tres meses en el Departamento de Psicología Experimental de la Universidad de Cambridge, trabajando con el Prof. Anthony Dickinson y Nicholas McKintosh.

De septiembre de 1990 a julio de 1991 fui becario Fulbright con el Profesor Hillyard en la UCSD en California, donde me orienté hacia la Neurociencia Cognitiva Humana, utilizando Potenciales Evocados (Event-Related Potentials, ERPs). Nuestro trabajo se centró en cómo los ERPs pueden proporcionarnos información sobre cómo el cerebro procesa y selecciona información compleja. En este sentido, nos destacamos por la aplicación de técnicas de localización cerebral de componentes relacionados con procesos cognitivos. En este sentido, el artículo "Gómez, C., Clark, V.P., Fan, S., Luck, S.J. y Hillyard, S.A. (1994) Sources of attention sensitive visual event-related potentials" (Brain Topography, 7 (1): 41-51, 417 citas en Google) fue la primera demostración de que el componente C1 provenía de la fisura calcarina. Este tipo de trabajo continuó en 1995 en el Departamento de Neurofisiología de la UCL en Bruselas, donde se aplicaron técnicas de localización a componentes relacionados con la percepción de rostros, validando el origen occipital inferior de los componentes ERP sensibles al rostro.

En 1991 lanzamos el Laboratorio de Psicobiología Humana en el Departamento de Psicología Experimental de la Universidad de Sevilla. En los primeros años, propusimos un modelo matemático para explicar la dinámica temporal de la rivalidad ocular y la percepción de figuras ambiguas. El modelo se basaba en una regla de competición. En el laboratorio hemos trabajado en varios proyectos relacionados con la atención, la memoria de trabajo y los ritmos cerebrales espontáneos. Nuestro interés por los componentes preparatorios, CNV y LRP, nos permitió demostrar que el cerebro se prepara de manera anticipada para la tarea, tanto en las redes neuronales motoras como sensoriales. A partir del concepto de preparación, hemos podido demostrar que el cerebro reacciona vigorosamente ante la desconfirmación de expectativas, produciendo componentes P3a y P3b de mayor amplitud para estímulos objetivos que habían sido incorrectamente señalados frente a los correctamente indicados, y reduciendo el CNV del siguiente estímulo de advertencia. Esta idea de evaluación de la preparación nos ha llevado a proponer que estamos inmersos en un ciclo cognitivo, en el cual se establecerían probabilidades a priori, indexadas por el CNV, y una evaluación del error en la predicción, indexada por el componente P300. Esta evaluación implicaría un cambio en las probabilidades a priori del siguiente ciclo, indexado nuevamente por el CNV. Esta lógica forma parte de las propuestas recientes del funcionamiento bayesiano del cerebro. En 2019, hemos demostrado, mediante modelado matemático bayesiano, en colaboración con el Prof. Giovanni Pezzulo del CNR italiano, que el CNV está relacionado con el parámetro de expectativa y el P300 con el parámetro de sorpresa

de un modelo de codificación predictiva. Este enfoque de utilizar modelos matemáticos cuyos parámetros se validan experimentalmente nos parece muy fructífero para una aproximación más cuantitativa en Psicofisiología, Psicología Cognitiva y Neurociencia.

El enfoque bayesiano ha continuado recientemente en nuestro grupo al validar experimentalmente el modelo de violación de expectativas del MMN propuesto por el Prof. Winkler. También nos hemos interesado por la maduración de los componentes ERP en tareas de memoria de trabajo y los ritmos electroencefalográficos espontáneos, donde hemos descrito una onda lenta asociada con la retención de estímulos en la memoria de trabajo y hemos trazado la trayectoria del desarrollo de los diferentes ritmos cerebrales. Más recientemente, hemos ampliado este trabajo aplicando técnicas de análisis tiempo-frecuencia, con varios artículos ya sometidos para su publicación.

Nuestra convicción de que los diferentes sistemas funcionales del organismo humano reaccionan simultáneamente ante estímulos desafiantes ha motivado a nuestro laboratorio a buscar un enfoque más global de la psicofisiología humana, ampliando nuestras capacidades técnicas no solo al registro de ERPs y EEG espontáneo (y MEG), sino también al registro de respuestas hemodinámicas (utilizando espectroscopía funcional de infrarrojo cercano) y señales periféricas, incluyendo electrocardiograma, flujo sanguíneo, respuestas electrodermales, ciclo respiratorio y temperatura, durante tareas conductuales en individuos neuropsicológicamente evaluados. Pronto también esperamos incorporar el seguimiento ocular y la pupilometría. Uno de nuestros objetivos ha sido el uso de modelos matemáticos con un enfoque similar al de las ciencias

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.

Número de sexenios de investigación: 6

Fecha del último concedido:
Inicio del último sexenio concedido 1 de Enero de 2025

Número de tesis doctorales dirigidas en los últimos 10 años
Seis

Citas totales:
En WOS 2.245 citas
En Scopus 2.744 citas
En Google scholar
4262 citas

Promedio de citas/año durante los últimos 5 años (sin incluir el año actual, de 2020 a 2024):
30 citas/año

Publicaciones totales en primer cuartil (Q1):
Journal Citation Reports 21
SCImago Journal Rank 41

Indice h.
En WOS 29
En Scopus 30
En Google scholar: 37

Incluye otros indicadores considerados de importancia.

Carlos María Gómez González

Surname(s):	**Gómez González**
Name:	**Carlos María**
DNI:	
Perfil de Dialnet:	**783407**
ResearcherID:	**C-6461-2011**
ScopusID:	**57196544454**
ORCID:	**0000-0001-6399-5066**
Perfil de Google Académico:	**dY_SCdsAAAAJ**
Date of birth:	
Gender:	**Male**
Nationality:	**Spain**
Email:	

Current professional situation

Employing entity: Universidad de Sevilla **Type of entity:** University
Department: Psicología Experimental
Professional category: Catedrático de Universidad
City employing entity: Sevilla, Andalusia, Spain
Start date: 24/03/2008

Education

University education

Doctorates

Degree awarding entity: Universidad de Sevilla
Date of degree: 01/01/1986
Thesis title: Análisis cuantitativo de la actividad neuronal en el nucleo motor ocular externo del gato
Thesis director: José María Delgado García

Scientific and technological experience

Scientific or technological activities

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

1 **Name of the project:** Evaluación de la predicción implícita de secuencias sonoras. Aplicación al déficit neurocognitivo en trastornos del lenguaje en niños/as y psicoticismo en jóvenes adultos
Geographical area: National
Degree of contribution: Responsable
Name principal investigator (PI, Co-PI. ...): Gómez González, Carlos María
Nº of researchers: 6
Funding entity or bodies:
Ministerio de Ciencia e Innovación **Type of entity:** Body, others

Name of the programme: Plan Estatal 2021-2023 - Proyectos Investigación Orientada
Code according to the funding entity: PID2022-139151OB-I00
Start-End date: 01/09/2023 - 31/08/2026 **Duration:** 3 years
Total amount: 106.875 €

2 **Name of the project:** Desarrollo Ontogenético de las Oscilaciones Cerebrales Ligadas a la Memoria de Trabajo. Alteraciones del Desarrollo en el Tdah
Geographical area: National
Degree of contribution: Responsable
Name principal investigator (PI, Co-PI. ...): Gómez González, Carlos María
Nº of researchers: 7
Funding entity or bodies:
Ministerio de Ciencia, Innovación y Universidades

Name of the programme: Plan Estatal 2017-2020 Retos - Proyectos I+D+i
Code according to the funding entity: PID2019-105618RB-I00
Start-End date: 01/06/2020 - 31/05/2024 **Duration:** 4 years
Total amount: 108.900 €

3 **Name of the project:** Retraso maduracional y/o trayectorias de desarrollo alteradas en el Trastorno por Déficit de Atención (TDA) y en el Trastorno del Espectro Autista (TEA) través del análisis del EEG espontáneo. Una ayuda al diagnóstico
Geographical area: Regional
Degree of contribution: Responsable
Name principal investigator (PI, Co-PI. ...): Gómez González, Carlos María
Nº of researchers: 4
Funding entity or bodies:
Consejería de Economía, Conocimiento, Empresas y Universidad

Name of the programme: PAIDI 2020: Proyectos I+D+i
Code according to the funding entity: P20_00537
Start-End date: 05/10/2021 - 31/03/2023 **Duration:** 1 year - 5 months - 27 days
Total amount: 59.200 €

4 **Name of the project:** Evaluación Pasiva de Funciones Psicofisiológicas Básicas por Medio de Potenciales Relacionados con Eventos. Trayectorias de Desarrollo y Aplicación al Déficit de Atención
Geographical area: National
Degree of contribution: Responsable
Name principal investigator (PI, Co-PI.…): Gómez González, Carlos María
Nº of researchers: 4
Funding entity or bodies:
Ministerio de Economía y Competitividad

Name of the programme: Plan Estatal 2013-2016 Retos - Proyectos I+D+i
Code according to the funding entity: PSI2016-80059-R
Start-End date: 30/12/2016 - 31/12/2020 **Duration:** 4 years - 2 days
Total amount: 36.421 €

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

1 Muñoz-Caracuel, M; Muñoz, V; Ruiz-Martínez, FJ; Morejón, AJV; Gómez, CMSystemic neurophysiological signals of auditory predictive coding. PSYCHOPHYSIOLOGY. 61 - 6, Wiley-Blackwell Publishing, Inc.; WILEY, 2024. Available on-line at: <https://doi.org/10.1111/psyp.14544>. ISSN 0048-5772, ISSN 1469-8986
DOI: 10.1111/psyp.14544
Handle: 11441/156193
PMID: 38351668
Código WOS: WOS:001160980100001
Código Scopus: 85185461931
Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 5

Impact source: ISI **Category:** Science Edition - NEUROSCIENCES
Impact index in year of publication: 2.900 **Journal in the top 25%:** No
Position of publication: 144 **No. of journals in the cat.:** 310

Impact source: ISI **Category:** Science Edition - PHYSIOLOGY
Impact index in year of publication: 2.900 **Journal in the top 25%:** No
Position of publication: 27 **No. of journals in the cat.:** 85

Impact source: ISI **Category:** Science Edition - PSYCHOLOGY
Impact index in year of publication: 2.900 **Journal in the top 25%:** Yes
Position of publication: 23 **No. of journals in the cat.:** 92

Impact source: ISI **Category:** Social Sciences Edition - PSYCHOLOGY, BIOLOGICAL
Impact index in year of publication: 2.900 **Journal in the top 25%:** Yes
Position of publication: 4 **No. of journals in the cat.:** 18

Impact source: ISI

Impact index in year of publication: 2.900
Position of publication: 20
Category: Social Sciences Edition - PSYCHOLOGY, EXPERIMENTAL
Journal in the top 25%: Yes
No. of journals in the cat.: 99

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 21
Category: Biological Psychiatry
Journal in the top 25%: No
No. of journals in the cat.: 51

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 24
Category: Cognitive Neuroscience
Journal in the top 25%: Yes
No. of journals in the cat.: 110

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 61
Category: Developmental and Educational Psychology
Journal in the top 25%: Yes
No. of journals in the cat.: 359

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 9
Category: Developmental Neuroscience
Journal in the top 25%: Yes
No. of journals in the cat.: 38

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 6
Category: Endocrine and Autonomic Systems
Journal in the top 25%: Yes
No. of journals in the cat.: 25

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 19
Category: Experimental and Cognitive Psychology
Journal in the top 25%: Yes
No. of journals in the cat.: 162

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 36
Category: Neurology
Journal in the top 25%: Yes
No. of journals in the cat.: 185

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 9
Category: Neuropsychology and Physiological Psychology
Journal in the top 25%: Yes
No. of journals in the cat.: 74

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 37
Category: Neuroscience (miscellaneous)
Journal in the top 25%: Yes
No. of journals in the cat.: 154

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 36
Category: Physiology
Journal in the top 25%: Yes
No. of journals in the cat.: 196

Impact source: SCOPUS
Impact index in year of publication: 1.303
Position of publication: 25
Category: Physiology (medical)
Journal in the top 25%: Yes
No. of journals in the cat.: 112

Source of citations: WOS
Citations: 4

Source of citations: SCOPUS
Citations: 4

2 Muñoz-Caracuel, M; Muñoz, V; Ruiz-Martínez, FJ; Morejón, AJV; Gómez, CM. Systemic neurophysiological entrainment to behaviorally relevant rhythmic stimuli. PHYSIOLOGICAL REPORTS. 12 - 19, WILEY, 2024. Available on-line at: <https://doi.org/10.14814/phy2.70079>. ISSN 2051-817X

DOI: 10.14814/phy2.70079
Handle: 11441/163951
PMID: 39380173
Código WOS: WOS:001328165300001
Código Scopus: 85206052166
Type of production: Scientific paper
Format: Journal
Position of signature: 5
Total no. authors: 5

Impact source: SCOPUS
Category: Physiology
Impact index in year of publication: 0.770
Journal in the top 25%: No
Position of publication: 80
No. of journals in the cat.: 196

Impact source: SCOPUS
Category: Physiology (medical)
Impact index in year of publication: 0.770
Journal in the top 25%: No
Position of publication: 53
No. of journals in the cat.: 112

Source of citations: WOS
Citations: 0

Source of citations: SCOPUS
Citations: 0

3 Gómez, Carlos M.; Muñoz, Vanesa; Muñoz-Caracuel, Manuel. Predictive Modeling of Heart Rate from Respiratory Signals at Rest in Young Healthy Humans. ENTROPY. 26 - 12, MDPI, 2024. Available on-line at: <https://doi.org/10.3390/e26121083>. ISSN 1099-4300

DOI: 10.3390/e26121083
Código WOS: WOS:001387670500001
Código Scopus: 85213385514
Type of production: Scientific paper
Format: Journal
Position of signature: 1
Total no. authors: 3
Corresponding author: Yes

Impact source: ISI
Category: Science Edition - PHYSICS, MULTIDISCIPLINARY
Impact index in year of publication: 2.100
Journal in the top 25%: No
Position of publication: 44
No. of journals in the cat.: 112

Impact source: SCOPUS
Category: Electrical and Electronic Engineering
Impact index in year of publication: 0.541
Journal in the top 25%: No
Position of publication: 271
No. of journals in the cat.: 723

Impact source: SCOPUS
Category: Information Systems
Impact index in year of publication: 0.541
Journal in the top 25%: No
Position of publication: 162
No. of journals in the cat.: 386

Impact source: SCOPUS
Category: Mathematical Physics
Impact index in year of publication: 0.541
Journal in the top 25%: No
Position of publication: 35
No. of journals in the cat.: 80

Impact source: SCOPUS
Category: Physics and Astronomy (miscellaneous)
Impact index in year of publication: 0.541
Journal in the top 25%: No
Position of publication: 103
No. of journals in the cat.: 304

Source of citations: WOS
Citations: 0

Source of citations: SCOPUS **Citations:** 0

4 Gómez, C. M.; Rodríguez-Martínez, E. I.; Altahona-Medina, M. A.. Unavoidability and functionality of nervous system and behavioral randomness. APPLIED SCIENCES-BASEL. 14 - 10, MDPI, 2024. Available on-line at: <https://doi.org/10.3390/app14104056>. ISSN 2076-3417

DOI: 10.3390/app14104056
Handle: 11441/165473
Código WOS: WOS:001232822800001
Código Scopus: 85194406895
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 3 **Corresponding author:** Yes

Impact source: ISI **Category:** Science Edition - CHEMISTRY, MULTIDISCIPLINARY
Impact index in year of publication: 2.500 **Journal in the top 25%:** No
Position of publication: 115 **No. of journals in the cat.:** 231

Impact source: ISI **Category:** Science Edition - ENGINEERING, MULTIDISCIPLINARY
Impact index in year of publication: 2.500 **Journal in the top 25%:** Yes
Position of publication: 44 **No. of journals in the cat.:** 181

Impact source: ISI **Category:** Science Edition - MATERIALS SCIENCE, MULTIDISCIPLINARY
Impact index in year of publication: 2.500 **Journal in the top 25%:** No
Position of publication: 258 **No. of journals in the cat.:** 439

Impact source: ISI **Category:** Science Edition - PHYSICS, APPLIED
Impact index in year of publication: 2.500 **Journal in the top 25%:** No
Position of publication: 87 **No. of journals in the cat.:** 179

Impact source: SCOPUS **Category:** Computer Science Applications
Impact index in year of publication: 0.508 **Journal in the top 25%:** No
Position of publication: 398 **No. of journals in the cat.:** 785

Impact source: SCOPUS **Category:** Engineering (miscellaneous)
Impact index in year of publication: 0.508 **Journal in the top 25%:** No
Position of publication: 144 **No. of journals in the cat.:** 460

Impact source: SCOPUS **Category:** Fluid Flow and Transfer Processes
Impact index in year of publication: 0.508 **Journal in the top 25%:** No
Position of publication: 32 **No. of journals in the cat.:** 90

Impact source: SCOPUS **Category:** Instrumentation
Impact index in year of publication: 0.508 **Journal in the top 25%:** No
Position of publication: 58 **No. of journals in the cat.:** 136

Impact source: SCOPUS **Category:** Materials Science (miscellaneous)
Impact index in year of publication: 0.508 **Journal in the top 25%:** No
Position of publication: 261 **No. of journals in the cat.:** 630

Impact source: SCOPUS **Category:** Process Chemistry and Technology
Impact index in year of publication: 0.508 **Journal in the top 25%:** No
Position of publication: 39 **No. of journals in the cat.:** 73

Source of citations: WOS **Citations:** 0

Source of citations: SCOPUS **Citations:** 0

5 Angulo-Ruiz, Brenda Y; Rodriguez-Martinez, Elena I; Munoz, Vanesa; Gomez, Carlos M. Unveiling the hidden electroencephalographical rhythms during development: Aperiodic and Periodic activity in healthy subjects.CLINICAL NEUROPHYSIOLOGY. 169, pp. 53 - 64. ELSEVIER IRELAND LTD, 2024. Available on-line at: <https://doi.org/10.1016/j.clinph.2024.11.014>. ISSN 1388-2457, ISSN 1872-8952

DOI: 10.1016/j.clinph.2024.11.014
PMID: 39626343
Código WOS: WOS:001372316200001
Código Scopus: 85210760136
Type of production: Scientific paper **Format:** Journal
Position of signature: 4
Total no. authors: 4

Impact source: ISI **Category:** Science Edition - CLINICAL NEUROLOGY
Impact index in year of publication: 3.700 **Journal in the top 25%:** Yes
Position of publication: 63 **No. of journals in the cat.:** 280

Impact source: ISI **Category:** Science Edition - NEUROSCIENCES
Impact index in year of publication: 3.700 **Journal in the top 25%:** No
Position of publication: 98 **No. of journals in the cat.:** 310

Impact source: SCOPUS **Category:** Neurology
Impact index in year of publication: 1.297 **Journal in the top 25%:** Yes
Position of publication: 38 **No. of journals in the cat.:** 185

Impact source: SCOPUS **Category:** Neurology (clinical)
Impact index in year of publication: 1.297 **Journal in the top 25%:** Yes
Position of publication: 70 **No. of journals in the cat.:** 398

Impact source: SCOPUS **Category:** Physiology (medical)
Impact index in year of publication: 1.297 **Journal in the top 25%:** Yes
Position of publication: 26 **No. of journals in the cat.:** 112

Impact source: SCOPUS **Category:** Sensory Systems
Impact index in year of publication: 1.297 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 41

Source of citations: WOS **Citations:** 0

Source of citations: SCOPUS **Citations:** 0

6 Gómez, Carlos M.; Linares, Rocío; Rodríguez-Martínez, Elena I.; Pelegrina, Santiago. Age-related changes in brain oscillatory patterns during an n-back task in children and adolescents.INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY. 202, pp. 112372. ELSEVIER SCIENCE BV; ELSEVIER, 2024. Available on-line at: <https://doi.org/10.1016/j.ijpsycho.2024.112372>. ISSN 0167-8760, ISSN 1872-7697

DOI: 10.1016/j.ijpsycho.2024.112372
Handle: 11441/160602
PMID: 38849088
Código WOS: WOS:001258289600001
Código Scopus: 85195413941
Type of production: Scientific paper **Format:** Journal
Position of signature: 1

Total no. authors: 4

Impact source: ISI
Impact index in year of publication: 2.500
Position of publication: 187
Category: Science Edition - NEUROSCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 310

Impact source: ISI
Impact index in year of publication: 2.500
Position of publication: 36
Category: Science Edition - PHYSIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 85

Impact source: ISI
Impact index in year of publication: 2.500
Position of publication: 35
Category: Science Edition - PSYCHOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 92

Impact source: ISI
Impact index in year of publication: 2.500
Position of publication: 6
Category: Social Sciences Edition - PSYCHOLOGY, BIOLOGICAL
Journal in the top 25%: No
No. of journals in the cat.: 18

Impact source: ISI
Impact index in year of publication: 2.500
Position of publication: 29
Category: Social Sciences Edition - PSYCHOLOGY, EXPERIMENTAL
Journal in the top 25%: No
No. of journals in the cat.: 99

Impact source: SCOPUS
Impact index in year of publication: 0.819
Position of publication: 22
Category: Neuropsychology and Physiological Psychology
Journal in the top 25%: No
No. of journals in the cat.: 74

Impact source: SCOPUS
Impact index in year of publication: 0.819
Position of publication: 70
Category: Neuroscience (miscellaneous)
Journal in the top 25%: No
No. of journals in the cat.: 154

Impact source: SCOPUS
Impact index in year of publication: 0.819
Position of publication: 46
Category: Physiology (medical)
Journal in the top 25%: No
No. of journals in the cat.: 112

Source of citations: WOS
Citations: 1

Source of citations: SCOPUS
Citations: 1

7 Arjona, Antonio; Angulo-Ruiz, Brenda Y.; Rodríguez-Martínez, Elena I.; Cabello-Navarro, Celia; Gómez, Carlos M.. Time-frequency neural dynamics of ADHD children and adolescents during a Working Memory task. Neuroscience Letters. 798, pp. 137100. ELSEVIER IRELAND LTD, 2023. Available on-line at: <https://doi.org/10.1016/j.neulet.2023.137100>. ISSN 0304-3940, ISSN 1872-7972

DOI: 10.1016/j.neulet.2023.137100
Handle: 11441/142636
PMID: 36720344
Código WOS: WOS:000929223500001
Código Scopus: 85147108001
Type of production: Scientific paper
Format: Journal
Position of signature: 5
Total no. authors: 5
Corresponding author: Yes
Impact source: ISI
Impact index in year of publication: 2.500
Category: Science Edition - NEUROSCIENCES
Journal in the top 25%: No

Position of publication: 187
No. of journals in the cat.: 310

Impact source: SCOPUS
Category: Neuroscience (miscellaneous)
Impact index in year of publication: 0.745
Journal in the top 25%: No
Position of publication: 82
No. of journals in the cat.: 154

Source of citations: WOS
Citations: 4

Source of citations: SCOPUS
Citations: 5

8 Muñoz, Vanesa; Muñoz-Caracuel, Manuel; Angulo-Ruiz, Brenda Y.; Gómez, Carlos M.. Neurovascular coupling during auditory stimulation: event-related potentials and fNIRS hemodynamic. BRAIN STRUCTURE & FUNCTION. 228 - 8, pp. 1943 - 1961. SPRINGER; SPRINGER HEIDELBERG, 2023. Available on-line at: <https://doi.org/10.1007/s00429-023-02698-9>. ISSN 1863-2653, ISSN 1863-2661
DOI: 10.1007/s00429-023-02698-9
Handle: 11441/149330
PMID: 37658858
Código WOS: WOS:001057656700001
Código Scopus: 85169606470
Type of production: Scientific paper
Format: Journal
Position of signature: 4
Total no. authors: 4

Impact source: ISI
Category: Science Edition - ANATOMY & MORPHOLOGY
Impact index in year of publication: 2.700
Journal in the top 25%: Yes
Position of publication: 2
No. of journals in the cat.: 22

Impact source: ISI
Category: Science Edition - NEUROSCIENCES
Impact index in year of publication: 2.700
Journal in the top 25%: No
Position of publication: 158
No. of journals in the cat.: 310

Impact source: SCOPUS
Category: Anatomy
Impact index in year of publication: 1.147
Journal in the top 25%: Yes
Position of publication: 6
No. of journals in the cat.: 48

Impact source: SCOPUS
Category: Histology
Impact index in year of publication: 1.147
Journal in the top 25%: Yes
Position of publication: 13
No. of journals in the cat.: 62

Impact source: SCOPUS
Category: Neuroscience (miscellaneous)
Impact index in year of publication: 1.147
Journal in the top 25%: No
Position of publication: 44
No. of journals in the cat.: 154

Source of citations: WOS
Citations: 5

Source of citations: SCOPUS
Citations: 5

9 Gómez, Carlos M.; Muñoz, Vanesa; Rodríguez-Martínez, Elena I.; Arjona, Antonio; Barriga-Paulino, Catarina I.; Pelegrina, Santiago. Child and adolescent development of the brain oscillatory activity during a working memory task. BRAIN AND COGNITION. 167, pp. 105969. ACADEMIC PRESS INC ELSEVIER SCIENCE, 2023. Available on-line at: <https://doi.org/10.1016/j.bandc.2023.105969>. ISSN 0278-2626, ISSN 1090-2147
DOI: 10.1016/j.bandc.2023.105969
Handle: 11441/145315
PMID: 36958141
Código WOS: WOS:000994825600001

Código Scopus: 85150857252
Type of production: Scientific paper
Format: Journal
Position of signature: 1
Total no. authors: 6
Corresponding author: Yes
Impact source: ISI
Category: Science Edition - NEUROSCIENCES
Impact index in year of publication: 2.200
Journal in the top 25%: No
Position of publication: 212
No. of journals in the cat.: 310

Impact source: ISI
Category: Social Sciences Edition - PSYCHOLOGY, EXPERIMENTAL
Impact index in year of publication: 2.200
Journal in the top 25%: No
Position of publication: 38
No. of journals in the cat.: 99

Impact source: SCOPUS
Category: Arts and Humanities (miscellaneous)
Impact index in year of publication: 0.823
Journal in the top 25%: Yes
Position of publication: 78
No. of journals in the cat.: 655

Impact source: SCOPUS
Category: Cognitive Neuroscience
Impact index in year of publication: 0.823
Journal in the top 25%: No
Position of publication: 51
No. of journals in the cat.: 110

Impact source: SCOPUS
Category: Developmental and Educational Psychology
Impact index in year of publication: 0.823
Journal in the top 25%: No
Position of publication: 129
No. of journals in the cat.: 359

Impact source: SCOPUS
Category: Experimental and Cognitive Psychology
Impact index in year of publication: 0.823
Journal in the top 25%: No
Position of publication: 59
No. of journals in the cat.: 162

Impact source: SCOPUS
Category: Neuropsychology and Physiological Psychology
Impact index in year of publication: 0.823
Journal in the top 25%: No
Position of publication: 21
No. of journals in the cat.: 74

Source of citations: WOS
Citations: 4

Source of citations: SCOPUS
Citations: 5

10 Rodriguez-Martinez, Elena I; Muñoz-Pradas, Raquel; Arjona, Antonio; Angulo-Ruiz, Brenda Y; Munoz, Vanesa; Gomez, Carlos M. Neuropsychological Assessment of the Relationship of Working Memory with K-BIT Matrices and Vocabulary in Normal Development and ADHD Children and Adolescents.Brain Sciences. 13 - 11, MDPI, 2023. Available on-line at: <https://doi.org/10.3390/brainsci13111538>. ISSN 2076-3425
DOI: 10.3390/brainsci13111538
Handle: 11441/165476
PMID: 38002498
Código WOS: WOS:001107961600001
Código Scopus: 85178287072
Type of production: Scientific paper
Format: Journal
Position of signature: 6
Total no. authors: 6
Corresponding author: Yes
Impact source: ISI
Category: Science Edition - NEUROSCIENCES
Impact index in year of publication: 2.700
Journal in the top 25%: No
Position of publication: 158
No. of journals in the cat.: 310

Impact source: SCOPUS
Impact index in year of publication: 0.796
Position of publication: 75
Category: Neuroscience (miscellaneous)
Journal in the top 25%: No
No. of journals in the cat.: 154

Source of citations: WOS
Citations: 2

Source of citations: SCOPUS
Citations: 2

11 Angulo-Ruiz, B. Y.; Muñoz, V.; Rodríguez-Martínez, E. I.; Cabello-Navarro, C.; Gómez, C. M.. Multiscale entropy of ADHD children during resting state condition. COGNITIVE NEURODYNAMICS. 17 - 4, pp. 869 - 891. SPRINGER, 2023. Available on-line at: <https://doi.org/10.1007/s11571-022-09869-0>. ISSN 1871-4080, ISSN 1871-4099

DOI: 10.1007/s11571-022-09869-0
Handle: 11441/140339
Código WOS: WOS:000847246100001
Código Scopus: 85137976269
Type of production: Scientific paper
Format: Journal
Position of signature: 5
Total no. authors: 5
Corresponding author: Yes

Impact source: ISI
Impact index in year of publication: 3.100
Position of publication: 136
Category: Science Edition - NEUROSCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 310

Impact source: SCOPUS
Impact index in year of publication: 0.762
Position of publication: 55
Category: Cognitive Neuroscience
Journal in the top 25%: No
No. of journals in the cat.: 110

Source of citations: WOS
Citations: 8

Source of citations: SCOPUS
Citations: 7

12 Angulo-Ruiz, Brenda Y.; Ruiz-Martínez, Francisco J.; Rodríguez-Martínez, Elena I.; Ionescu, Anca; Saldaña, David; Gómez, Carlos M.. Linear and non-linear analyses of EEG in a group of ASD children during resting state condition. BRAIN TOPOGRAPHY. 36 - 5, pp. 736 - 749. SPRINGER, 2023. Available on-line at: <https://doi.org/10.1007/s10548-023-00976-7>. ISSN 0896-0267, ISSN 1573-6792

DOI: 10.1007/s10548-023-00976-7
Handle: 11441/165479
PMID: 37330940
Código WOS: WOS:001010005800001
Código Scopus: 85162021864
Type of production: Scientific paper
Format: Journal
Position of signature: 6
Total no. authors: 6
Corresponding author: Yes

Impact source: ISI
Impact index in year of publication: 2.300
Position of publication: 148
Category: Science Edition - CLINICAL NEUROLOGY
Journal in the top 25%: No
No. of journals in the cat.: 280

Impact source: ISI
Impact index in year of publication: 2.300
Position of publication: 205
Category: Science Edition - NEUROSCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 310

Impact source: SCOPUS
Impact index in year of publication: 0.863
Position of publication: 8
Category: Anatomy
Journal in the top 25%: Yes
No. of journals in the cat.: 48

Impact source: SCOPUS
Impact index in year of publication: 0.863
Position of publication: 70
Category: Neurology
Journal in the top 25%: No
No. of journals in the cat.: 185

Impact source: SCOPUS
Impact index in year of publication: 0.863
Position of publication: 129
Category: Neurology (clinical)
Journal in the top 25%: No
No. of journals in the cat.: 398

Impact source: SCOPUS
Impact index in year of publication: 0.863
Position of publication: 15
Category: Radiological and Ultrasound Technology
Journal in the top 25%: Yes
No. of journals in the cat.: 65

Impact source: SCOPUS
Impact index in year of publication: 0.863
Position of publication: 74
Category: Radiology, Nuclear Medicine and Imaging
Journal in the top 25%: Yes
No. of journals in the cat.: 333

Source of citations: WOS
Citations: 2

Source of citations: SCOPUS
Citations: 4

13 Ruiz-Martínez, Francisco J.; Morales-Ortiz, Manuel; Gómez, Carlos M.. Late N1 and postimperative negative variation analysis depending on the previous trial history in paradigms of increasing auditory complexity.JOURNAL OF NEUROPHYSIOLOGY. 127 - 5, pp. 1240 - 1252. AMER PHYSIOLOGICAL SOC, 2022. Available on-line at: <https://doi.org/10.1152/jn.00313.2021>. ISSN 0022-3077, ISSN 1522-1598
DOI: 10.1152/jn.00313.2021
PMID: 35389770
Código WOS: WOS:000792387300004
Código Scopus: 85129778581
Type of production: Scientific paper
Format: Journal
Position of signature: 3
Total no. authors: 3

Impact source: ISI
Impact index in year of publication: 2.500
Position of publication: 198
Category: Science Edition - NEUROSCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 272

Impact source: ISI
Impact index in year of publication: 2.500
Position of publication: 46
Category: Science Edition - PHYSIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 79

Impact source: SCOPUS
Impact index in year of publication: 1.067
Position of publication: 47
Category: Neuroscience (miscellaneous)
Journal in the top 25%: No
No. of journals in the cat.: 157

Impact source: SCOPUS
Impact index in year of publication: 1.067
Position of publication: 46
Category: Physiology
Journal in the top 25%: Yes
No. of journals in the cat.: 198

Source of citations: WOS
Citations: 4

Source of citations: SCOPUS
Citations: 5

14 Gómez, Carlos M.; Angulo-Ruiz, Brenda Y.; Muñoz, Vanesa; Rodríguez-Martínez, Elena I.. Activation-Inhibition dynamics of the oscillatory bursts of the human EEG during resting state. The macroscopic macroscopic temporal range of few seconds. COGNITIVE NEURODYNAMICS. 16 - 3, pp. 591 - 608. SPRINGER, 2022. Available on-line at: <https://doi.org/10.1007/s11571-021-09742-6>. ISSN 1871-4080, ISSN 1871-4099

DOI: 10.1007/s11571-021-09742-6
Handle: 11441/127961
Código WOS: WOS:000715183500001
Código Scopus: 85118593116
Type of production: Scientific paper
Format: Journal
Position of signature: 1
Total no. authors: 4
Corresponding author: Yes
Impact source: ISI
Category: Science Edition - NEUROSCIENCES
Impact index in year of publication: 3.700
Journal in the top 25%: No
Position of publication: 114
No. of journals in the cat.: 272

Impact source: SCOPUS
Category: Cognitive Neuroscience
Impact index in year of publication: 0.675
Journal in the top 25%: No
Position of publication: 60
No. of journals in the cat.: 110

Source of citations: WOS
Citations: 1

Source of citations: SCOPUS
Citations: 1

15 Muñoz, V.; Díaz-Sánchez, J. A.; Muñoz-Caracuel, M.; Gómez, C. M.. Head hemodynamics and systemic responses during auditory stimulation. PHYSIOLOGICAL REPORTS. 10 - 13, WILEY, 2022. Available on-line at: <https://doi.org/10.14814/phy2.15372>. ISSN 2051-817X
DOI: 10.14814/phy2.15372
Handle: 11441/140337
PMID: 35785451
Código WOS: WOS:000820128900001
Código Scopus: 85133610900
Type of production: Scientific paper
Format: Journal
Position of signature: 4
Total no. authors: 4
Corresponding author: Yes
Impact source: SCOPUS
Category: Physiology
Impact index in year of publication: 0.789
Journal in the top 25%: No
Position of publication: 75
No. of journals in the cat.: 198

Impact source: SCOPUS
Category: Physiology (medical)
Impact index in year of publication: 0.789
Journal in the top 25%: No
Position of publication: 45
No. of journals in the cat.: 112

Source of citations: WOS
Citations: 2

Source of citations: SCOPUS
Citations: 2

16 Ruiz-Martínez, Francisco J.; Arjona, Antonio; Gómez, Carlos M.. Mismatch negativity and stimulus-preceding negativity in paradigms of increasing auditory complexity: a possible role in predictive coding. ENTROPY. 23 - 3, MDPI, 2021. Available on-line at: <https://doi.org/10.3390/e23030346>. ISSN 1099-4300
DOI: 10.3390/e23030346
Handle: 11441/107484
PMID: 33804068
Código WOS: WOS:000633550800001
Código Scopus: 85103120865
Type of production: Scientific paper
Format: Journal
Position of signature: 3
Total no. authors: 3

Impact source: ISI
Category: Science Edition - PHYSICS, MULTIDISCIPLINARY
Impact index in year of publication: 2.738
Journal in the top 25%: No
Position of publication: 42
No. of journals in the cat.: 86

Impact source: SCOPUS
Category: Electrical and Electronic Engineering
Impact index in year of publication: 0.553
Journal in the top 25%: No
Position of publication: 248
No. of journals in the cat.: 740

Impact source: SCOPUS
Category: Information Systems
Impact index in year of publication: 0.553
Journal in the top 25%: No
Position of publication: 148
No. of journals in the cat.: 383

Impact source: SCOPUS
Category: Mathematical Physics
Impact index in year of publication: 0.553
Journal in the top 25%: No
Position of publication: 31
No. of journals in the cat.: 74

Impact source: SCOPUS
Category: Physics and Astronomy (miscellaneous)
Impact index in year of publication: 0.553
Journal in the top 25%: No
Position of publication: 101
No. of journals in the cat.: 311

Source of citations: WOS
Citations: 3

Source of citations: SCOPUS
Citations: 4

17 Angulo-Ruiz, Brenda Y.; Muñoz, Vanesa; Rodríguez-Martínez, Elena I.; Gómez, Carlos M.. Absolute and relative variability changes of the resting state brain rhythms from childhood and adolescence to young adulthood. Neuroscience Letters. 749, ELSEVIER IRELAND LTD, 2021. Available on-line at: <https://doi.org/10.1016/j.neulet.2021.135747>. ISSN 0304-3940, ISSN 1872-7972
DOI: 10.1016/j.neulet.2021.135747
PMID: 33610662
Código WOS: WOS:000632755200003
Código Scopus: 85101818517
Type of production: Scientific paper
Format: Journal
Position of signature: 4
Total no. authors: 4

Impact source: ISI
Category: Science Edition - NEUROSCIENCES
Impact index in year of publication: 3.197
Journal in the top 25%: No
Position of publication: 182
No. of journals in the cat.: 275

Impact source: SCOPUS
Category: Neuroscience (miscellaneous)
Impact index in year of publication: 0.783
Journal in the top 25%: No
Position of publication: 71
No. of journals in the cat.: 158

Source of citations: WOS
Citations: 9

Source of citations: SCOPUS
Citations: 9

18 Muñoz-Pradas, Raquel; Díaz-Palacios, Miriam; Rodríguez-Martínez, Elena I.; Gómez, Carlos M.. Order of maturation of the components of the working memory from childhood to emerging adulthood. Current Research in Behavioral Sciences. 2, 2021. Available on-line at: <https://doi.org/10.1016/j.crbeha.2021.100062>. ISSN 2666-5182
DOI: 10.1016/j.crbeha.2021.100062
Handle: 11441/137812
Código Scopus: 85126824585

Type of production: Scientific paper
Format: Journal
Position of signature: 4
Total no. authors: 4
Source of citations: SCOPUS
Citations: 2

19 Muñoz-Caracuel, Manuel; Muñoz, Vanesa; Ruiz-Martínez, Francisco J.; di Domenico, Dalila; Brigadoi, Sabrina; Gómez, Carlos M.. Multivariate analysis of the systemic response to auditory stimulation: an integrative approach.EXPERIMENTAL PHYSIOLOGY. 106 - 4, pp. 1072 - 1098. CAMBRIDGE UNIV PRESS; WILEY, 2021. Available on-line at: <https://doi.org/10.1113/EP089125>. ISSN 0958-0670, ISSN 1469-445X
DOI: 10.1113/EP089125
PMID: 33624899
Código WOS: WOS:000627162000001
Código Scopus: 85102287963
Type of production: Scientific paper
Format: Journal
Position of signature: 6
Total no. authors: 6
Corresponding author: Yes
Impact source: ISI
Category: Science Edition - PHYSIOLOGY
Impact index in year of publication: 2.858
Journal in the top 25%: No
Position of publication: 44
No. of journals in the cat.: 81

Impact source: SCOPUS
Category: Nutrition and Dietetics
Impact index in year of publication: 0.732
Journal in the top 25%: No
Position of publication: 48
No. of journals in the cat.: 140

Impact source: SCOPUS
Category: Physiology
Impact index in year of publication: 0.732
Journal in the top 25%: No
Position of publication: 86
No. of journals in the cat.: 198

Impact source: SCOPUS
Category: Physiology (medical)
Impact index in year of publication: 0.732
Journal in the top 25%: No
Position of publication: 50
No. of journals in the cat.: 110

Source of citations: WOS
Citations: 9

Source of citations: SCOPUS
Citations: 9

20 Rodríguez-Martínez, Elena I.; Arjona Valladares, Antonio; Gómez-González, Jaime; Díaz-Sánchez, José A.; Gómez, Carlos M.. Neurophysiological differences between ADHD and control children and adolescents during the recognition phase of a working memory task. Neuroscience Research. 164, pp. 46 - 54. ELSEVIER, 2021. Available on-line at: <https://doi.org/10.1016/j.neures.2020.03.011>. ISSN 0168-0102, ISSN 1872-8111
DOI: 10.1016/j.neures.2020.03.011
PMID: 32268186
Código WOS: WOS:000620783600005
Código Scopus: 85083302752
Type of production: Scientific paper
Format: Journal
Position of signature: 5
Total no. authors: 5
Impact source: ISI
Category: Science Edition - NEUROSCIENCES
Impact index in year of publication: 2.904
Journal in the top 25%: No
Position of publication: 200
No. of journals in the cat.: 275

Impact source: SCOPUS
Category: Medicine (miscellaneous)
Impact index in year of publication: 0.964
Journal in the top 25%: Yes

Position of publication: 500
No. of journals in the cat.: 2.548

Impact source: SCOPUS
Category: Neuroscience (miscellaneous)
Impact index in year of publication: 0.964
Journal in the top 25%: No
Position of publication: 54
No. of journals in the cat.: 158

Source of citations: WOS
Citations: 5

Source of citations: SCOPUS
Citations: 5

21 Muñoz-Pradas, Raquel; Íñigo-Ruiz, Irene; Rodríguez-Martínez, Elena I.; Gómez, Carlos M.. Inter-group and Inter-individual variability in working memory from childhood to emerging adulthood. Current Research in Behavioral Sciences. 2, 2021. Available on-line at: <https://doi.org/10.1016/j.crbeha.2021.100041>. ISSN 2666-5182
DOI: 10.1016/j.crbeha.2021.100041
Handle: 11441/131777
Código Scopus: 85126662144
Type of production: Scientific paper
Format: Journal
Position of signature: 4
Total no. authors: 4
Source of citations: SCOPUS
Citations: 0

22 Ruiz-Martínez, Francisco J.; Rodríguez-Martínez, Elena I.; Wilson, C. Ellie; Yau, Shu; Saldaña, David; Gómez, Carlos M.. Impaired P1 Habituation and Mismatch Negativity in Children with Autism Spectrum Disorder. JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS. 50 - 2, pp. 603 - 616. SPRINGER; SPRINGER/PLENUM PUBLISHERS, 2020. Available on-line at: <https://doi.org/10.1007/s10803-019-04299-0>. ISSN 0162-3257, ISSN 1573-3432
DOI: 10.1007/s10803-019-04299-0
PMID: 31728809
Código WOS: WOS:000511536600021
Código Scopus: 85075250160
Type of production: Scientific paper
Format: Journal
Position of signature: 6
Total no. authors: 6

Impact source: ISI
Category: Social Sciences Edition - PSYCHOLOGY, DEVELOPMENTAL
Impact index in year of publication: 4.291
Journal in the top 25%: Yes
Position of publication: 15
No. of journals in the cat.: 77

Impact source: SCOPUS
Category: Developmental and Educational Psychology
Impact index in year of publication: 1.374
Journal in the top 25%: Yes
Position of publication: 59
No. of journals in the cat.: 364

Source of citations: WOS
Citations: 34

Source of citations: SCOPUS
Citations: 35

23 Pelegrina, Santiago; Molina, Rosa; Rodríguez-Martínez, Elena I.; Linares, Rocío; Gómez, Carlos M.. Age-related changes in selection, recognition, updating and maintenance information in WM. An ERP study in children and adolescents. BIOLOGICAL PSYCHOLOGY. 157, ELSEVIER SCIENCE BV, 2020. Available on-line at: <https://doi.org/10.1016/j.biopsycho.2020.107977>. ISSN 0301-0511, ISSN 1873-6246
DOI: 10.1016/j.biopsycho.2020.107977
PMID: 33159983
Código WOS: WOS:000595630600009

Código Scopus: 85096224913
Type of production: Scientific paper
Format: Journal
Position of signature: 5
Total no. authors: 5

Impact source: ISI
Impact index in year of publication: 3.251
Position of publication: 19
Category: Science Edition - BEHAVIORAL SCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 53

Impact source: ISI
Impact index in year of publication: 3.251
Position of publication: 25
Category: Science Edition - PSYCHOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 77

Impact source: ISI
Impact index in year of publication: 3.251
Position of publication: 4
Category: Social Sciences Edition - PSYCHOLOGY, BIOLOGICAL
Journal in the top 25%: No
No. of journals in the cat.: 14

Impact source: ISI
Impact index in year of publication: 3.251
Position of publication: 28
Category: Social Sciences Edition - PSYCHOLOGY, EXPERIMENTAL
Journal in the top 25%: No
No. of journals in the cat.: 91

Impact source: SCOPUS
Impact index in year of publication: 1.363
Position of publication: 10
Category: Neuropsychology and Physiological Psychology
Journal in the top 25%: Yes
No. of journals in the cat.: 73

Impact source: SCOPUS
Impact index in year of publication: 1.363
Position of publication: 40
Category: Neuroscience (miscellaneous)
Journal in the top 25%: No
No. of journals in the cat.: 157

Source of citations: WOS
Citations: 13

Source of citations: SCOPUS
Citations: 14

24 Arjona Valladares, Antonio; Gómez-González, Carlos M.; Rodríguez-Martínez, Elena I.; Barriga-Paulino, Catarina I.; Gómez-González, Jaime; Diaz-Sánchez, José A.. Attention-deficit/hyperactivity disorder in children and adolescents: An event-related potential study of working memory. EUROPEAN JOURNAL OF NEUROSCIENCE. 52 - 10, pp. 4356 - 4369. WILEY, 2020. Available on-line at: <https://doi.org/10.1111/ejn.14767>. ISSN 0953-816X, ISSN 1460-9568
DOI: 10.1111/ejn.14767
PMID: 32367647
Código WOS: WOS:000533533800001
Código Scopus: 85084830555
Type of production: Scientific paper
Format: Journal
Position of signature: 2
Total no. authors: 6

Impact source: ISI
Impact index in year of publication: 3.386
Position of publication: 158
Category: Science Edition - NEUROSCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 273

Impact source: SCOPUS
Impact index in year of publication: 1.346
Position of publication: 42
Category: Neuroscience (miscellaneous)
Journal in the top 25%: No
No. of journals in the cat.: 157

Source of citations: WOS
Citations: 3

Source of citations: SCOPUS **Citations:** 4

25 Rodríguez-Martínez, Elena I.; Angulo-Ruiz, Brenda Y.; Arjona-Valladares, Antonio; Rufo, Miguel; Gómez-González, Jaime; Gómez, Carlos M.. Frequency coupling of low and high frequencies in the EEG of ADHD children and adolescents in closed and open eyes conditions. RESEARCH IN DEVELOPMENTAL DISABILITIES. 96, PERGAMON-ELSEVIER SCIENCE LTD, 2020. Available on-line at: <https://doi.org/10.1016/j.ridd.2019.103520>. ISSN 0891-4222, ISSN 1873-3379

DOI: 10.1016/j.ridd.2019.103520
PMID: 31783276
Código WOS: WOS:000510113500006
Código Scopus: 85075345704
Type of production: Scientific paper **Format:** Journal
Position of signature: 6
Total no. authors: 6

Impact source: ISI **Category:** Social Sciences Edition - EDUCATION, SPECIAL
Impact index in year of publication: 3.230 **Journal in the top 25%:** Yes
Position of publication: 5 **No. of journals in the cat.:** 44

Impact source: ISI **Category:** Social Sciences Edition - REHABILITATION
Impact index in year of publication: 3.230 **Journal in the top 25%:** Yes
Position of publication: 4 **No. of journals in the cat.:** 74

Impact source: SCOPUS **Category:** Clinical Psychology
Impact index in year of publication: 1.024 **Journal in the top 25%:** Yes
Position of publication: 66 **No. of journals in the cat.:** 323

Impact source: SCOPUS **Category:** Developmental and Educational Psychology
Impact index in year of publication: 1.024 **Journal in the top 25%:** No
Position of publication: 99 **No. of journals in the cat.:** 364

Source of citations: WOS **Citations:** 11

Source of citations: SCOPUS **Citations:** 15

26 Gómez, Carlos M.; Arjona, Antonio; Donnarumma, Francesco; Maisto, Domenico; Rodríguez-Martínez, Elena I.; Pezzulo, Giovanni. Tracking the Time Course of Bayesian Inference With Event-Related Potentials: A Study Using the Central Cue Posner Paradigm. FRONTIERS IN PSYCHOLOGY. 10 - JUN, FRONTIERS MEDIA SA, 2019. Available on-line at: <https://doi.org/10.3389/fpsyg.2019.01424>. ISSN 1664-1078

DOI: 10.3389/fpsyg.2019.01424
Handle: 11441/88129
Código WOS: WOS:000472148500001
Código Scopus: 85068665523
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 6

Impact source: ISI **Category:** Social Sciences Edition - PSYCHOLOGY, MULTIDISCIPLINARY
Impact index in year of publication: 2.067 **Journal in the top 25%:** No
Position of publication: 45 **No. of journals in the cat.:** 138

Impact source: SCOPUS **Category:** Psychology (miscellaneous)
Impact index in year of publication: 0.914 **Journal in the top 25%:** Yes

Position of publication: 65
No. of journals in the cat.: 298
Source of citations: WOS
Citations: 16
Source of citations: SCOPUS
Citations: 17

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