



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



JUAN FERNANDEZ RUIZ

Datos Generales

Nombre: JUAN FERNANDEZ RUIZ

Máximo nivel de estudios: DOCTORADO

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Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
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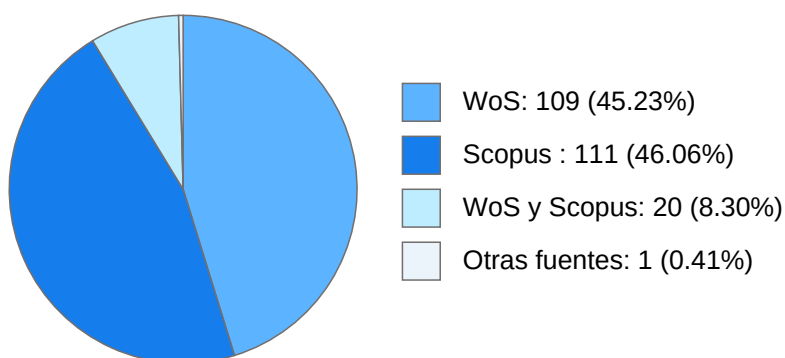
Estímulos, programas, premios y reconocimientos

SNI III 2019 - VIGENTE
SNI II - 2018
PRIDE D 2018 - 2024
PRIDE C - 2018

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	<i>ATXN10</i> Gene Expansions in Mexican Patients with Ataxia Without Epilepsy	DAVID JOSE DAVILA ORTIZ DE MONTELLANO JUAN FERNANDEZ RUIZ PETRA YESCAS GOMEZ et al.	Cerebellum	2025
2	Cerebellar cognitive affective syndrome in patients with spinocerebellar ataxia type 10	GABRIEL RAMIREZ GARCIA MARIA GUADALUPE GARCIA GOMAR JUAN FERNANDEZ RUIZ et al.	PLOS ONE	2025
3	Influences on the Emergence of Strategic Visuomotor Learning Mechanisms in School-Aged Children	ROSINNA GOMEZ MOYA JUAN FERNANDEZ RUIZ Victor Galvez et al.	JOURNAL OF EXPERIMENTAL PSYCHOLOGY-HUMAN PERCEPTION AND PERFORMANCE	2025
4	Spontaneous Behavioural Recovery Following Stroke Relates to the Integrity of Parietal and Temporal Regions	JUAN FERNANDEZ RUIZ Nashed J.Y. Shearer K.T. et al.	TRANSLATIONAL STROKE RESEARCH	2024
5	SARS-CoV-2's brain impact: revealing cortical and cerebellar differences via cluster analysis in COVID-19 recovered patients	GABRIEL RAMIREZ GARCIA OSCAR RENE MARRUFO MELENDEZ JUAN FERNANDEZ RUIZ et al.	NEUROLOGICAL SCIENCES	2024

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6	Consistent spatial lesion-symptom patterns: A comprehensive analysis using triangulation in lesion-symptom mapping in a cohort of stroke patients	GABRIEL RAMIREZ GARCIA EDUARDO ADRIAN GARZA VILLARREAL JUAN FERNANDEZ RUIZ et al.	MAGNETIC RESONANCE IMAGING	2024
7	Brain atrophy, reduced cerebral perfusion, arterial stiffening, and wall thickening with aging coincide with stimulus-specific changes in fMRI-BOLD responses	JUAN FERNANDEZ RUIZ Coverdale N.S. Champagne A.A. et al.	AMERICAN JOURNAL OF PHYSIOLOGY-RE GULATORY, INTEGRATIVE AND COMPARATIVE PHYSIOLOGY	2024
8	Saccades, pupil response and blink abnormalities in Huntington's disease patients during free viewing	ISRAEL VACA PALOMARES DAVID JOSE DAVILA ORTIZ DE MONTELLANO JUAN FERNANDEZ RUIZ et al.	CLINICAL NEUROPHYSIOL OGY	2024
9	Genotype-specific spinal cord damage in spinocerebellar ataxias: an ENIGMA-Ataxia study	JUAN FERNANDEZ RUIZ Thiago Junqueira Ribeiro Rezende Isaac Adanyaguh et al.	JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY	2024
10	Resting-state networks and their relationship with MoCA performance in PD patients	JUAN FERNANDEZ RUIZ Victor Galvez Cesar Romero-Rebollar et al.	BRAIN IMAGING AND BEHAVIOR	2024
11	Modulation of inspiratory burst duration and frequency by bombesin in vitro	JUAN FERNANDEZ RUIZ LUIS BELTRAN PARRAZAL Morgado-Valle C. et al.	PFLUGERS ARCHIV-EUROPE AN JOURNAL OF PHYSIOLOGY	2023
12	An Exploratory Survey on the Care for Ataxic Patients in the American Continents and the Caribbean	JUAN FERNANDEZ RUIZ DAVID JOSE DAVILA ORTIZ DE MONTELLANO LUIS LEONARDO FLORES LAGUNES et al.	Cerebellum	2023
13	Human Embryonic Stem Cell-Derived Immature Midbrain Dopaminergic Neurons Transplanted in Parkinsonian Monkeys	ITZEL ESCOBEDO AVILA JOSE BARGAS DIAZ JUAN FERNANDEZ RUIZ et al.	Cells	2023
14	Estudio del uso de marcos de referencia en el trastorno del espectro autista: una Revisión Sistemática	JUAN FERNANDEZ RUIZ Arlette P.-E.K. Eliane R.-G.	Archivos de Neurociencias	2022
15	Critical role of acute hypoxemia on the cognitive impairment after severe COVID-19 pneumonia: a multivariate causality model analysis	MARIA TERESA TUSIE LUNA JUAN FERNANDEZ RUIZ García-Grimshaw M. et al.	NEUROLOGICAL SCIENCES	2022

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16	Montreal Cognitive Assessment (MoCA) performance in Huntington's disease patients correlates with cortical and caudate atrophy	AURELIO CAMPOS ROMO JUAN FERNANDEZ RUIZ Ramirez-Garcia G. et al.	PEERJ	2022
17	Frontostriatal Circuits Alterations Associated with Cognitive Flexibility Deterioration in Huntington's Disease	ISRAEL VACA PALOMARES JUAN FERNANDEZ RUIZ Gustavo Padron-Rivera et al.	NEURODEGENERATIVE DISEASES	2022
18	Mapping the Cerebellar Cognitive Affective Syndrome in Patients with Chronic Cerebellar Strokes	LILIA NUÑEZ OROZCO JUAN FERNANDEZ RUIZ Chirino-Pérez A. et al.	Cerebellum	2022
19	Reply to: "Further Perspectives on the Neural Bases of Cognitive Impairments in Spinocerebellar Ataxia Type 10"	ISRAEL VACA PALOMARES JUAN FERNANDEZ RUIZ Amanda Chirino-Perez	MOVEMENT DISORDERS	2021
20	Cognitive Decline and White Matter Integrity Degradation in Myotonic Dystrophy Type I	ROSALINDA DIAZ PEREZ LUIS BELTRAN PARRAZAL JUAN FERNANDEZ RUIZ et al.	JOURNAL OF NEUROIMAGING	2021
21	Planning deficits in Huntington's disease: A brain structural correlation by voxel-based morphometry	JUAN FERNANDEZ RUIZ AURELIO CAMPOS ROMO Jesus Calderon-Villalon et al.	PLOS ONE	2021
22	Longitudinal Analysis of the Relation Between Clinical Impairment and Gray Matter Degeneration in Spinocerebellar Ataxia Type 7 Patients	CONSUELO MORGADO VALLE ERICK HUMBERTO PASAYE ALCARAZ ROSALINDA DIAZ PEREZ et al.	Cerebellum	2021
23	Cervical Spinal Cord Degeneration in Spinocerebellar Ataxia Type 7	JUAN FERNANDEZ RUIZ C. R. Hernandez-Castillo R. Diaz et al.	AMERICAN JOURNAL OF NEURORADIOLOGY	2021
24	Cerebellar Degeneration Signature in Huntington's Disease	ISRAEL VACA PALOMARES JUAN FERNANDEZ RUIZ Padron-Rivera G. et al.	Cerebellum	2021
25	Cognitive Impairments in Spinocerebellar Ataxia Type 10 and Their Relation to Cortical Thickness	ISRAEL VACA PALOMARES JUAN FERNANDEZ RUIZ Chirino-Pérez A. et al.	MOVEMENT DISORDERS	2021
26	Compromised resting cerebral metabolism after sport-related concussion: A calibrated MRI study	JUAN FERNANDEZ RUIZ Champagne A.A. Coverdale N.S. et al.	BRAIN IMAGING AND BEHAVIOR	2021
27	Cerebellar and thalamic degeneration in spinocerebellar ataxia type 10. The devil is in the details	JUAN FERNANDEZ RUIZ Hernandez-Castillo C.R. Rasmussen A.	PARKINSONISM & RELATED DISORDERS	2020
28	Procedural and Strategic Visuomotor Learning Deficits in Children with Developmental Coordination Disorder	ROSINNA GOMEZ MOYA ISRAEL VACA PALOMARES JUAN FERNANDEZ RUIZ et al.	RESEARCH QUARTERLY FOR EXERCISE AND SPORT	2020

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29	Co-localized impaired regional cerebrovascular reactivity in chronic concussion is associated with BOLD activation differences during a working memory task	JUAN FERNANDEZ RUIZ Coverdale N.S. Champagne A.A. et al.	BRAIN IMAGING AND BEHAVIOR	2020
30	Longitudinal atrophy characterization of cortical and subcortical gray matter in Huntington's disease patients	JUAN FERNANDEZ RUIZ Ramirez-Garcia G. Galvez V. et al.	EUROPEAN JOURNAL OF NEUROSCIENCE	2020
31	Founder Effects of Spinocerebellar Ataxias in the American Continents and the Caribbean	JUAN FERNANDEZ RUIZ Roberto Rodriguez-Labrada Ana Carolina Martins et al.	Cerebellum	2020
32	Dorsolateral prefrontal cortex hyperactivity during inhibitory control in children with ADHD in the antisaccade task	JUAN FERNANDEZ RUIZ Hakvoort Schwerdtfeger R.M. Alahyane N. et al.	BRAIN IMAGING AND BEHAVIOR	2020
33	Sparse Sampling of Silence Type I Errors With an Emphasis on Primary Auditory Cortex	JUAN FERNANDEZ RUIZ FERNANDO ALEJANDRO BARRIOS ALVAREZ Francis A. M. Manno et al.	FRONTIERS IN NEUROSCIENCE	2019
34	Implicit learning impairment identified via predictive saccades in Huntington's disease correlates with extended cortico-striatal atrophy	ISRAEL VACA PALOMARES JUAN FERNANDEZ RUIZ Brien D.C. et al.	Cortex	2019
35	Extensive cerebellar and thalamic degeneration in spinocerebellar ataxia type 10	ISRAEL VACA PALOMARES AURELIO CAMPOS ROMO JUAN FERNANDEZ RUIZ et al.	PARKINSONISM & RELATED DISORDERS	2019
36	The human amygdala disconnecting from auditory cortex preferentially discriminates musical sound of uncertain emotion by altering hemispheric weighting	JUAN FERNANDEZ RUIZ FERNANDO ALEJANDRO BARRIOS ALVAREZ Manno F.A.M. et al.	SCIENTIFIC REPORTS	2019
37	Neuroanatomical substrates involved in unrelated false facial recognition	ERICK HUMBERTO PASAYE ALCARAZ JUAN FERNANDEZ RUIZ Ronzon-Gonzalez E. et al.	SOCIAL NEUROSCIENCE	2019
38	Stroke Longitudinal Volumetric Measures Correlate with the Behavioral Score in Non-Human Primates	JUAN FERNANDEZ RUIZ Ramirez-Garcia G. Harrison K.A. et al.	Neuroscience	2019
39	Resting CMRO 2 fluctuations show persistent network hyper-connectivity following exposure to sub-concussive collisions	JUAN FERNANDEZ RUIZ Champagne A.A. Coverdale N.S. et al.	NEUROIMAGE-C LINICAL	2019

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40	Network Hyperconnectivity and Altered Saccadic Response Suggests Impairments in Visuomotor Skills Following Mild Traumatic Brain Injury: A Study of Post-Trauma Vision Syndrome	JUAN FERNANDEZ RUIZ Nicole Coverdale Allen Champagne et al.	Brain Injury	2019
41	Age related prefrontal compensatory mechanisms for inhibitory control in the antisaccade task	JUAN FERNANDEZ RUIZ Peltsch A. Alahyane N. et al.	Neuroimage	2018
42	Unique degeneration signatures in the cerebellar cortex for spinocerebellar ataxias 2, 3, and 7	JUAN FERNANDEZ RUIZ Hernandez-Castillo C.R. King M. et al.	NEUROIMAGE-C LINICAL	2018
43	Motor and cognitive impairments in spinocerebellar ataxia type 7 and its correlations with cortical volumes	LUIS BELTRAN PARRAZAL JUAN FERNANDEZ RUIZ Amanda Chirino et al.	EUROPEAN JOURNAL OF NEUROSCIENCE	2018
44	Extrastriatal degeneration correlates with deficits in the motor domain subscales of the UHDRS	AURELIO CAMPOS ROMO JUAN FERNANDEZ RUIZ Galvez V. et al.	JOURNAL OF THE NEUROLOGICAL SCIENCES	2018
45	Ophthalmic features of spinocerebellar ataxia type 7	AURELIO CAMPOS ROMO ENRIQUE OCTAVIO GRAUE HERNANDEZ AIDA JIMENEZ CORONA et al.	Eye	2018
46	ATAXIAS HEREDITARIAS Y ENFERMEDAD DE ALZHEIMER FAMILIAR EN AMÉRICA LATINA: CONTRIBUCIÓN DEL PROYECTO CUBANO DE ATAXIAS	JUAN FERNANDEZ RUIZ Pérez L.V. Labrada R.R. et al.	Anales De La Academia De Ciencias De Cuba	2018
47	Neural correlates of ataxia severity in spinocerebellar ataxia type 3/Machado-Joseph disease	AURELIO CAMPOS ROMO JUAN FERNANDEZ RUIZ Hernandez-Castillo C.R. et al.	Cerebellum and Ataxias	2017
48	The Franciscan Prayer Elicits Empathic and Cooperative Intentions in Atheists: A Neurocognitive and Phenomenological Enquiry	JUAN FERNANDEZ RUIZ ERICK HUMBERTO PASAYE ALCARAZ Mercadillo R.E. et al.	Frontiers In Sociology	2017
49	Spinocerebellar Ataxia Type 2: Clinicogenetic Aspects, Mechanistic Insights, and Management Approaches	JUAN FERNANDEZ RUIZ Velazquez-Perez, Luis C. Rodriguez-Labrada, Roberto	FRONTIERS IN NEUROLOGY	2017
50	Executive Mechanisms for Thinking about Negative Situations in Both Cooperative and Non-Cooperative Contexts	AZALEA REYES AGUILAR JUAN FERNANDEZ RUIZ ERICK HUMBERTO PASAYE ALCARAZ et al.	FRONTIERS IN HUMAN NEUROSCIENCE	2017
51	Early Huntington's Disease: Impulse control deficits but correct judgment regarding risky situations	JUAN FERNANDEZ RUIZ Galvez, Victor Bayliss, Leo et al.	JOURNAL OF HUNTINGTONS DISEASE	2017

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52	Voluntary saccade inhibition deficits correlate with extended white-matter cortico-basal atrophy in Huntington's disease	JUAN FERNANDEZ RUIZ Vaca-Palomares, I. Coe, B.C. et al.	NEUROIMAGE-C LINICAL	2017
53	A feature selection method based on a neighborhood approach for contending with functional and anatomical variability in fMRI group analysis of cognitive states	JUAN FERNANDEZ RUIZ NORA CRUZ RAMIREZ Juárez-Castillo, E. et al.	INTELLIGENT DATA ANALYSIS	2017
54	Increased functional connectivity after stroke correlates with behavioral scores in non-human primate model	JUAN FERNANDEZ RUIZ Hernandez-Castillo, Carlos R. Nashed, Joseph Y. et al.	SCIENTIFIC REPORTS	2017
55	Different visuomotor processes maturation rates in children support dual visuomotor learning systems	ROSINNA GOMEZ MOYA ROSALINDA DIAZ PEREZ JUAN FERNANDEZ RUIZ	HUMAN MOVEMENT SCIENCE	2016
56	Specific cerebellar and cortical degeneration correlates with ataxia severity in spinocerebellar ataxia type 7	JUAN FERNANDEZ RUIZ Hernandez-Castillo, Carlos R. Galvez, Victor et al.	BRAIN IMAGING AND BEHAVIOR	2016
57	Motor and sensory cortical reorganization after bilateral forearm transplantation: Four-year follow-up fMRI case study	JUAN FERNANDEZ RUIZ Hernandez-Castillo, Carlos R. Aguilar-Castaneda, Erika et al.	MAGNETIC RESONANCE IMAGING	2016
58	Correlating quantitative tractography at 3T MRI and cognitive tests in healthy older adults	JUAN FERNANDEZ RUIZ Reginold W. Itorralba J. et al.	BRAIN IMAGING AND BEHAVIOR	2016
59	Ataxia Severity Correlates with White Matter Degeneration in Spinocerebellar Ataxia Type 7	FERNANDO ALEJANDRO BARRIOS ALVAREZ JUAN FERNANDEZ RUIZ Hernandez-Castillo, C. R. et al.	AMERICAN JOURNAL OF NEURORADIOLO GY	2016
60	Tractography at 3T MRI of Corpus Callosum Tracts Crossing White Matter Hyperintensities	JUAN FERNANDEZ RUIZ Reginold, W. Itorralba, J. et al.	AMERICAN JOURNAL OF NEURORADIOLO GY	2016
61	Altered Superficial White Matter on Tractography MRI in Alzheimer's Disease	JUAN FERNANDEZ RUIZ Reginold, William Luedke, Angela C. et al.	Dementia And Geriatric Cognitive Disorders Extra	2016
62	Social and cultural elements associated with neurocognitive dysfunctions in Spinocerebellar Ataxia Type 2 patients	JUAN FERNANDEZ RUIZ Mercadillo R.E. Galvez V. et al.	Frontiers in Psychiatry	2015
63	Police culture influences the brain function underlying compassion: A gender study	Roberto E. Mercadillo SARAEL ALCAUTER SOLORZANO JUAN FERNANDEZ RUIZ et al.	SOCIAL NEUROSCIENCE	2015

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64	Substitution of extracellular Ca ²⁺ by Sr ²⁺ prolongs inspiratory burst in pre-bötzinger complex inspiratory neurons	CONSUELO MORGADO VALLE JUAN FERNANDEZ RUIZ LUIS BELTRAN PARRAZAL et al.	JOURNAL OF NEUROPHYSIOLOGY	2015
65	Strategy use, planning, and rule acquisition deficits in spinocerebellar ataxia type 2 patients	Israel VacaPalomares Rosalinda Diaz JUAN FERNANDEZ RUIZ et al.	JOURNAL OF THE INTERNATIONAL NEUROPSYCHOLOGICAL SOCIETY	2015
66	The Effect of Spatial Working Memory Deterioration on Strategic Visuomotor Learning across Aging	Rosalinda Diaz Israel VacaPalomares JUAN FERNANDEZ RUIZ et al.	BEHAVIOURAL NEUROLOGY	2015
67	Extensive white matter alterations and its correlations with ataxia severity in SCA 2 patients	Rosalinda Diaz AURELIO CAMPOS ROMO JUAN FERNANDEZ RUIZ et al.	PLOS ONE	2015
68	Effects of aging on strategic-based visuomotor learning	Israel VacaPalomares Rosalinda Diaz LUIS BELTRAN PARRAZAL et al.	BRAIN RESEARCH	2015
69	Functional connectivity changes related to cognitive and motor performance in spinocerebellar ataxia type 2	Rosalinda Diaz NORMA LETICIA MARTINEZ VINIEGRA JUAN FERNANDEZ RUIZ et al.	MOVEMENT DISORDERS	2015
70	Effects of reaction time variability and age on brain activity during Stroop task performance	JUAN FERNANDEZ RUIZ Tam, Angela Luedke, Angela C. et al.	BRAIN IMAGING AND BEHAVIOR	2015
71	Preservation of parietal area 5 is associated with improved motor recovery and functional connectivity following MCA stroke in non-human primates	C. HernandezCastillo JUAN FERNANDEZ RUIZ Nashed, J. Y. et al.	INTERNATIONAL JOURNAL OF STROKE	2015
72	Cognitive Function and 3-Tesla Magnetic Resonance Imaging Tractography of White Matter Hyperintensities in Elderly Persons	JUAN FERNANDEZ RUIZ Reginold W. Luedke A.C. et al.	Dementia And Geriatric Cognitive Disorders Extra	2015
73	Whole-brain connectivity analysis and classification of spinocerebellar ataxia type 7 by functional MRI	JUAN FERNANDEZ RUIZ Hernandez-Castillo C.R. Galvez V. et al.	Cerebellum and Ataxias	2014
74	Olfactory performance in spinocerebellar ataxia type 7 patients	Rosalinda Diaz AURELIO CAMPOS ROMO JUAN FERNANDEZ RUIZ et al.	PARKINSONISM & RELATED DISORDERS	2014
75	Comprehensive Study of Early Features in Spinocerebellar Ataxia 2: Delineating the Prodromal Stage of the Disease	JUAN FERNANDEZ RUIZ Israel Vaca Palomares Rosalinda Diaz et al.	Cerebellum	2014

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76	Cognitive Deterioration and Functional Compensation in ALS Measured with fMRI Using an Inhibitory Task	JUAN FERNANDEZ RUIZ Witiuk, Kelsey McKee, Ryan et al.	JOURNAL OF NEUROSCIENCE	2014
77	Neural correlates of spatial working memory manipulation in a sequential Vernier discrimination task	Juan M. Gutierrez Garralda Carlos R. Hernandez Castillo FERNANDO ALEJANDRO BARRIOS ALVAREZ et al.	Neuroreport	2014
78	Parahippocampal gray matter alterations in Spinocerebellar Ataxia Type 2 identified by voxel based morphometry	Roberto E. Mercadillo Rosalinda Diaz Carlos Roberto Hernandez Castillo et al.	JOURNAL OF THE NEUROLOGICAL SCIENCES	2014
79	Adapting to inversion of the visual field: A new twist on an old problem	Pablo Moreno Briseno Rosalinda Diaz JUAN FERNANDEZ RUIZ et al.	EXPERIMENTAL BRAIN RESEARCH	2013
80	The effect of Parkinson's disease and Huntington's disease on human visuomotor learning	Juan Manuel Gutierrez Garralda Pablo Moreno Briseno AURELIO CAMPOS ROMO et al.	EUROPEAN JOURNAL OF NEUROSCIENCE	2013
81	Developmental effects of rotenone exposure on the rat nigro-striatal dopaminergic system	BLANCA MARGARITA GOMEZ CHAVARIN Rosalinda Diaz Perez MARIA DEL ROSARIO MORALES ESPINOSA et al.	SALUD MENTAL	2013
82	Spinocerebellar ataxia type 2 neurodegeneration differentially affects error-based and strategic-based visuomotor learning	Israel Vaca Palomares Rosalinda Diaz JUAN FERNANDEZ RUIZ et al.	Cerebellum	2013
83	Disruption of visual and motor connectivity in spinocerebellar ataxia type 7	FERNANDO ALEJANDRO BARRIOS ALVAREZ Rosalinda Diaz JUAN FERNANDEZ RUIZ et al.	MOVEMENT DISORDERS	2013
84	Precuneus volumes and cognitive tests in older adults	A. Luedke E. Dowds A. Tam et al.	JOURNAL OF NEUROLOGY	2013
85	Behavioral improvement in MPTP-treated nonhuman primates in the HALLWAY task after transfer of TH cDNA to host astrocytes	AURELIO CAMPOS ROMO RAFAEL OJEDA FLORES Pablo Moreno Briseno et al.	ACTA NEUROBIOLOGICA EXPERIMENTALIS	2012
86	Neural Substrates Underlying Selective Attention in a Stroop Task	JUAN FERNANDEZ RUIZ Tam, Angela Luedke, Angela C. et al.	CAN J EXP PSYCHOL	2012
87	Selective Attention in the Elderly: An fMRI Study	JUAN FERNANDEZ RUIZ Tam, A Luedke, A. et al.	CAN J EXP PSYCHOL	2012
88	Inhibition of endoplasmic reticulum Ca ²⁺ ATPase in preBötzing complex of neonatal rat does not affect respiratory rhythm generation	LUIS BELTRAN PARRAZAL JUAN FERNANDEZ RUIZ CONSUELO MORGADO VALLE et al.	Neuroscience	2012

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89	IQ in not treated pacientes with cerebellar tumors [Coeficiente intelectual en pacientes con tumor en cerebelo no tratados]	FRUCTUOSO AYALA GUERRERO JUAN FERNANDEZ RUIZ Arreguín-González I.J. et al.	Archivos de Neurociencias	2011
90	Gray and white matter alterations in spinocerebellar ataxia type 7: An in vivo DTI and VBM study	SARAEAL ALCAUTER SOLORZANO FERNANDO ALEJANDRO BARRIOS ALVAREZ Rosalinda Diaz et al.	Neuroimage	2011
91	Relation between reaction time and reach errors during visuomotor adaptation	JUAN FERNANDEZ RUIZ Wong, William Armstrong, Irene T. et al.	BEHAVIOURAL BRAIN RESEARCH	2011
92	Progression markers of Spinocerebellar Ataxia 2. A twenty years neurophysiological follow up study	JUAN FERNANDEZ RUIZ Rosalinda Diaz Velazquez-Perez, Luis et al.	JOURNAL OF THE NEUROLOGICAL SCIENCES	2010
93	Sex-related differences in motor learning and performance	Pablo Moreno Briseno Rosalinda Diaz AURELIO CAMPOS ROMO et al.	BEHAV BRAIN FUNCT	2010
94	Motor decline in clinically presymptomatic spinocerebellar ataxia type 2 gene carriers	JUAN FERNANDEZ RUIZ Velázquez-Perez L. Díaz R. et al.	PLOS ONE	2009
95	Quantitative evaluation of MPTP-treated nonhuman parkinsonian primates in the HALLWAY task	AURELIO CAMPOS ROMO RAFAEL OJEDA FLORES Pablo Moreno Briseno et al.	JOURNAL OF NEUROSCIENCE METHODS	2009
96	Olfaction and neurodegeneration in HD	FERNANDO ALEJANDRO BARRIOS ALVAREZ JUAN FERNANDEZ RUIZ Gonzalez L. et al.	Neuroreport	2007
97	Prism adaptation in spinocerebellar ataxia type 2	JUAN FERNANDEZ RUIZ RENE RAUL DRUCKER COLIN Velásquez-Perez L. et al.	Neuropsychologia	2007
98	Human parietal "reach region" primarily encodes intrinsic visual direction, not extrinsic movement direction, in a visual-motor dissociation task	JUAN FERNANDEZ RUIZ Goltz H.C. DeSouza J.F.X. et al.	CEREB CORTEX	2007
99	Rapid topographical plasticity of the visuomotor spatial transformation	JUAN FERNANDEZ RUIZ AURELIO CAMPOS ROMO RAFAEL OJEDA FLORES et al.	JOURNAL OF NEUROSCIENCE	2006
100	Spinocerebellar ataxia type 2 olfactory impairment shows a pattern similar to other major neurodegenerative diseases	JUAN FERNANDEZ RUIZ ROBYN ELIZABETH HUDSON RENE RAUL DRUCKER COLIN et al.	JOURNAL OF NEUROLOGY	2006
101	Decay of prism aftereffects under passive and active conditions	JUAN FERNANDEZ RUIZ Díaz R. Aguilar C. et al.	COGNITIVE BRAIN RES	2004
102	Normal prism adaptation but reduced after-effect in basal ganglia disorders using a throwing task	JUAN FERNANDEZ RUIZ PATRICIA VERGARA ARAGON RENE RAUL DRUCKER COLIN et al.	EUROPEAN JOURNAL OF NEUROSCIENCE	2003

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103	Olfactory dysfunction in hereditary ataxia and basal ganglia disorders	JUAN FERNANDEZ RUIZ PATRICIA VERGARA ARAGON RENE RAUL DRUCKER COLIN et al.	Neuroreport	2003
104	Visual habit formation in monkeys with neurotoxic lesions of the ventrocaudal neostriatum	JUAN FERNANDEZ RUIZ Wang J. Aigner T.G. et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2001
105	Learning motor synergies makes use of information on muscular load	JUAN FERNANDEZ RUIZ PATRICIA VERGARA ARAGON Hall-Haro C. et al.	LEARNING & MEMORY	2000
106	Prism adaptation in normal aging: Slower adaptation rate and larger aftereffect	JUAN FERNANDEZ RUIZ PATRICIA VERGARA ARAGON Hall C. et al.	COGNITIVE BRAIN RES	2000
107	Prism adaptation and aftereffect: Specifying the properties of a procedural memory system	JUAN FERNANDEZ RUIZ Díaz R.	LEARNING & MEMORY	1999
108	Spatial memory improvement by levodopa in Parkinsonian MPTP-treated monkeys	JUAN FERNANDEZ RUIZ Doudet D. Aigner T.G.	Psychopharmacology	1999
109	Long-term cognitive impairment in MPTP-treated rhesus monkeys	JUAN FERNANDEZ RUIZ Doudet D.J. Aigner T.G.	Neuroreport	1995
110	Effects of catecholaminergic depletion of the amygdala and insular cortex on the potentiation of odor by taste aversions	JUAN FERNANDEZ RUIZ MARIA ISABEL MIRANDA SAUCEDO FEDERICO BERMUDEZ RATTONI et al.	Behavioral And Neural Biology	1993
111	Effects of excitotoxic lesions of the nucleus basalis magnocellularis on conditioned taste aversion and inhibitory avoidance in the rat	JUAN FERNANDEZ RUIZ MARTHA LILIA ESCOBAR RODRIGUEZ FEDERICO BERMUDEZ RATTONI et al.	PHARMACOLOGY AND BEHAVIOR	1993
112	Time-dependent recovery of taste aversion learning by fetal brain transplants in gustatory neocortex-lesioned rats	JUAN FERNANDEZ RUIZ MARTHA LILIA ESCOBAR RODRIGUEZ SOFIA YOLANDA DIAZ MIRANDA et al.	Behavioral And Neural Biology	1991
113	Fetal brain transplants induce recovery of male sexual behavior in medial preoptic area-lesioned rats	RAUL GERARDO PAREDES GUERRERO JUAN FERNANDEZ RUIZ FEDERICO BERMUDEZ RATTONI et al.	BRAIN RESEARCH	1990
114	Correlation between acetylcholine release and recovery of conditioned taste aversion induced by fetal neocortex grafts	JUAN FERNANDEZ RUIZ FEDERICO BERMUDEZ RATTONI RICARDO JORGE TAPIA IBARGUENGOYTIA et al.	BRAIN RESEARCH	1990

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115	Fetal brain grafts induce recovery of learning deficits and connectivity in rats with gustatory neocortex lesion	MARTHA LILIA ESCOBAR RODRIGUEZ JUAN FERNANDEZ RUIZ FEDERICO BERMUDEZ RATTONI et al.	BRAIN RESEARCH	1989
116	Potentiation of odor by taste and odor aversions in rats are regulated by cholinergic activity of dorsal hippocampus	FEDERICO BERMUDEZ RATTONI JUAN FERNANDEZ RUIZ Coburn K.L. et al.	PHARMACOLOG Y BIOCHEMISTRY AND BEHAVIOR	1987
117	Fetal brain transplants induce recuperation of taste aversion learning	FEDERICO BERMUDEZ RATTONI JUAN FERNANDEZ RUIZ RAUL ANTONIO AGUILAR ROBLERO et al.	BRAIN RESEARCH	1987

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN

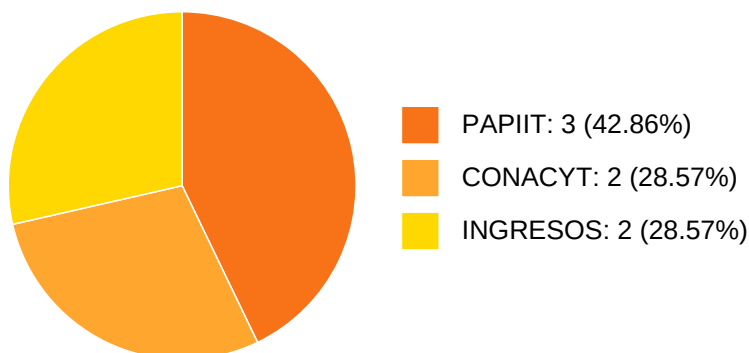


#	Título	Autores	Alcance	Año	ISBN
1	Machine learning-based classification of children affected by malnutrition using multimodal sMRI and DTI brain images	ISRAEL VACA PALOMARES JUAN FERNANDEZ RUIZ NIDIYARE HEVIA MONTIEL et al.	Conferencia e Paper	2023	9798350325232
2	Fisiología e Libro	BEATRIZ FUENTES PARDO DAVID ERASMO GARCIA DIAZ ERICK ALEXANDERSON ROSAS et al.	Libro Completo	2019	9786073022200
3	Applied machine learning to identify Alzheimer's disease through the analysis of magnetic resonance imaging	JUAN FERNANDEZ RUIZ Novoa-Del-Toro E.M. Acosta-Mesa H.G. et al.	Conferencia e Paper	2016	9781467397957
4	Neurofisiología de la conducta	JUAN FERNANDEZ RUIZ LUIS BELTRAN PARRAZAL	Libro Completo	2015	9786075024127
5	Neurofisiología de la Conducta	JUAN FERNANDEZ RUIZ LUIS BELTRAN PARRAZAL	Libro Completo	2012	9786075021911

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Estudio de las bases neuronales del deterioro motor y cognoscitivo en pacientes con la enfermedad de Huntington utilizando técnicas de imagenología por resonancia magnética	JUAN FERNANDEZ RUIZ	Recursos PAPIIT	01-01-2016	31-12-2018
2	015 2015 Estudio del funcionamiento cognoscitivo y motor en enfermedades poliglutámicas: Ataxias espinocerebelosas y enfermedad de huntington	JUAN FERNANDEZ RUIZ	Ingresos Propios	03-03-2015	03-03-2018
3	Estudio de las bases neuronales del deterioro motor y cognoscitivo en pacientes con enfermedades poliglutamínicas utilizando técnicas de imagenología por resonancia magnética.	JUAN FERNANDEZ RUIZ	Recursos CONACYT	30-12-2014	29-12-2020

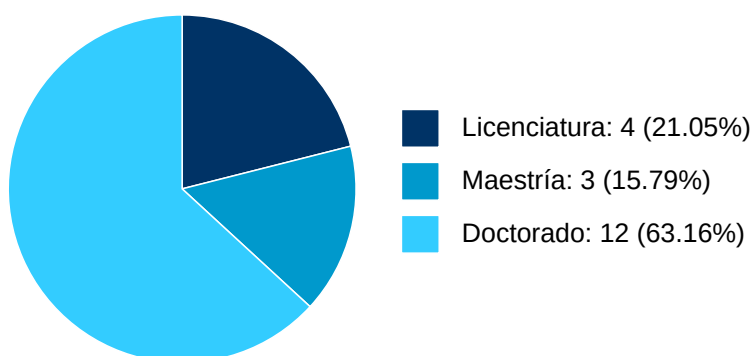
JUAN FERNANDEZ RUIZ

4	Continuación del estudio de las bases neuronales del deterioro motor y cognoscitivo en pacientes con enfermedad de Huntington utilizando técnicas de imagenología por resonancia magnética.	JUAN FERNANDEZ RUIZ	Recursos PAPIIT	01-01-2019	31-12-2021
5	Estudio de las bases neuronales del deterioro motor y cognoscitivo en pacientes con enfermedades poliglutamínicas utilizando técnicas de imagenología por resonancia magnética.	JUAN FERNANDEZ RUIZ	Recursos CONACYT	01-01-2021	15-12-2022
6	Estudio de los mecanismos subyacentes a las perturbaciones visuales asociadas a Traumatismo Craneoencefálico Leve (TCEL).	JUAN FERNANDEZ RUIZ	Ingresos Propios	01-01-2021	09-06-2023
7	Organización y localización funcional de procesos cognitivos en pacientes con infartos cerebelosos crónicos	JUAN FERNANDEZ RUIZ	Recursos PAPIIT	01-01-2022	31-12-2024

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Efecto de la estimulación emotiva en el aprendizaje motor	Tesis de Maestría	ISRAEL VACA PALOMARES,	JUAN FERNANDEZ RUIZ, SOFIA YOLANDA DIAZ MIRANDA, et al.	Coordinación de Estudios de Posgrado, Facultad de Medicina, Facultad de Psicología, Instituto de Neurobiología en Querétaro, Querétaro,	2024
2	Conectividad cerebral funcional del estado hipnótico	Tesis de Doctorado	JUAN FERNANDEZ RUIZ,	VICTOR HUGO DE LAFUENTE FLORES, Vázquez Benítez, Pablo Guillermo,	Facultad de Medicina, Instituto de Neurobiología en Querétaro, Querétaro,	2024
3	Análisis de la integridad estructural del cerebro en niños de 6 a 10 años de edad con deficiencia nutricional	Tesis de Maestría	JUAN FERNANDEZ RUIZ,	Pérez Ahumada, José Agustín,	Facultad de Medicina,	2022

Reporte individual

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4	Organización y localización funcional de procesos cognitivos en pacientes con lesiones cerebelosas	Tesis de Doctorado	JUAN FERNANDEZ RUIZ,	Chirino Pérez, Amanda,	Facultad de Medicina,	2022
5	Caracterización longitudinal de la atrofia de materia gris en pacientes con enfermedad de Huntington	Tesis de Doctorado	FERNANDO ALEJANDRO BARRIOS ALVAREZ,	AURELIO CAMPOS ROMO, JUAN FERNANDEZ RUIZ, et al.	Facultad de Medicina, Instituto de Neurobiología en Querétaro, Querétaro,	2020
6	Análisis de la actividad de las cortezas auditivas secundarias ante las propiedades espectro-temporales de estímulos musicales	Tesis de Doctorado	FERNANDO ALEJANDRO BARRIOS ALVAREZ,	JUAN FERNANDEZ RUIZ, LUIS ALONSO LEMUS SANDOVAL, et al.	Facultad de Medicina, Instituto de Fisiología Celular, Instituto de Neurobiología en Querétaro, Querétaro,	2019
7	Características psicofísicas y psicofisiológicas de la discriminación espacial de alineación inter-estímulo	Tesis de Doctorado	JUAN FERNANDEZ RUIZ,	HUGO MERCHANT NANCY, Gutiérrez Garraida, Juan Manuel,	Facultad de Medicina, Instituto de Neurobiología en Querétaro, Querétaro,	2015
8	Aprendizaje visuomotor bajo condiciones de retroalimentación congruente e incongruente en ataxia espinocerebelosa tipo 2	Tesis de Doctorado	JUAN FERNANDEZ RUIZ,	Vaca Palomares, Israel,	Facultad de Medicina,	2014
9	Estudio de la morfometría cerebral mediante mapas de fracción anisotrópica obtenidos con Imagenología por Resonancia Magnética en pacientes amputados de un miembro pélvico	Tesis de Doctorado	FERNANDO ALEJANDRO BARRIOS ALVAREZ,	JUAN FERNANDEZ RUIZ, JORGE ANTONIO LARRIVA SAHD, et al.	Facultad de Medicina, Instituto de Neurobiología en Querétaro, Querétaro,	2012

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10	Tumores de fosa posterior y evaluación neuropsicológica	Tesis de Doctorado	JOSE CRISTOBAL PEDRO ARRIAGA Y RAMIREZ,	FRUCTUOSO AYALA GUERRERO, JUAN FERNANDEZ RUIZ, et al.	Facultad de Estudios Superiores "Iztacala", Facultad de Medicina, Facultad de Psicología,	2012
11	Correlatos neurales del seguimiento de reglas complejas bajo el efecto del diazepam en hombres y mujeres	Tesis de Doctorado	JUAN FERNANDEZ RUIZ,	ROBYN ELIZABETH HUDSON, JOSEFINA RICARDO GARCELL, et al.	Coordinación de Estudios de Posgrado, Facultad de Estudios Superiores "Iztacala", Facultad de Medicina, Instituto de Investigaciones Biomédicas, Instituto de Neurobiología en Querétaro, Querétaro,	2011
12	Resonancia magnética funcional a 3.0 T en sujetos amputados durante la sensación del miembro fantasma	Tesis de Doctorado	FERNANDO ALEJANDRO BARRIOS ALVAREZ,	JUAN FERNANDEZ RUIZ, RAUL GERARDO PAREDES GUERRERO, et al.	Facultad de Medicina, Instituto de Neurobiología en Querétaro, Querétaro,	2011
13	Evaluación conductual de primates parkinsonicos sometidos a terapia génica o levodopa	Tesis de Doctorado	JUAN FERNANDEZ RUIZ,	Campos Romo, Aurelio,	Facultad de Medicina,	2009
14	Identificación de síntomas del trastorno por déficit de atención con hiperactividad en niños escolares	Tesis de Doctorado	GUADALUPE ACLE TOMASINI,	JUAN FERNANDEZ RUIZ, LUCINA ISABEL REYES LAGUNES, et al.		2006

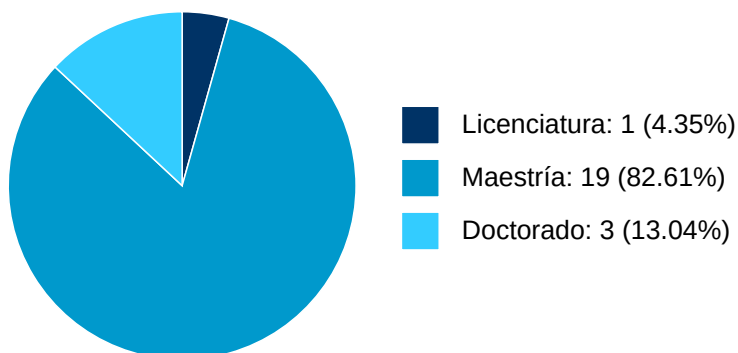
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15	Evaluación de la participación de la corteza parietal posterior en un aprendizaje visuo-motor mediante estimulación magnética transcraneal	Tesis de Licenciatura	JUAN FERNANDEZ RUIZ,	Moreno Briseño, Pablo,	2004
16	El aprendizaje implícito del concepto de grupo	Tesis de Licenciatura	JUAN FERNANDEZ RUIZ,	MAX NEUMANN COTO, Martinez Vega, Rafael,	2003
17	Deficits en pruebas neuropsicológicas de lóbulo frontal e hipoperfusión cerebral en niños con trastorno por déficit de atención con hiperactividad	Tesis de Licenciatura	JUAN FERNANDEZ RUIZ,	Murray Walpole, Vanessa Catherine,	2002
18	Aprendizaje de hábitos y memoria explícita en la enfermedad de Huntington y en la enfermedad de Parkinson	Tesis de Licenciatura	JUAN FERNANDEZ RUIZ,	Hall Haro, Cynthia,	2000
19	Efecto de la taurina sobre las alteraciones de memoria y el incremento en la peroxidación de lípidos cerebrales causados por la exposición a ozono	Tesis de Maestría	JUAN FERNANDEZ RUIZ,	SELVA LUCIA RIVAS ARANCIBIA, Vergara Aragon, Patricia,	2000

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TALLER DE INVESTIGACIÓN II	Facultad de Psicología	1	2024-2
2	Maestría	TALLER DE INVESTIGACIÓN II	Facultad de Psicología	1	2024-2
3	Maestría	TALLER DE INVESTIGACIÓN II	Facultad de Psicología	1	2024-2
4	Maestría	TALLER DE INVESTIGACIÓN II	Facultad de Psicología	1	2024-2
5	Maestría	TALLER DE INVESTIGACIÓN IV	Facultad de Psicología	1	2024-2
6	Maestría	TALLER DE INVESTIGACIÓN III	Instituto de Neurobiología en Querétaro, Querétaro	1	2024-1
7	Maestría	TALLER DE INVESTIGACIÓN II	Facultad de Psicología	1	2023-2
8	Maestría	TALLER DE INVESTIGACIÓN IV	Instituto de Neurobiología en Querétaro, Querétaro	1	2022-2
9	Maestría	TALLER DE INVESTIGACIÓN IV	Instituto de Neurobiología en Querétaro, Querétaro	1	2022-2
10	Maestría	TALLER DE INVESTIGACIÓN III	Instituto de Neurobiología en Querétaro, Querétaro	1	2022-1
11	Maestría	TALLER DE INVESTIGACIÓN III	Instituto de Neurobiología en Querétaro, Querétaro	1	2022-1
12	Maestría	TALLER DE INVESTIGACIÓN IV	Instituto de Neurobiología en Querétaro, Querétaro	1	2021-2
13	Maestría	TALLER DE INVESTIGACIÓN II	Instituto de Neurobiología en Querétaro, Querétaro	1	2021-2
14	Maestría	TALLER DE INVESTIGACIÓN II	Instituto de Neurobiología en Querétaro, Querétaro	1	2021-2

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15	Maestría	TALLER DE INVESTIGACIÓN III	Instituto de Neurobiología en Querétaro, Querétaro	1	2021-1
16	Licenciatura	FISIOLOGIA	Facultad de Medicina	40	2021-0
17	Maestría	TALLER DE INVESTIGACIÓN II	Instituto de Neurobiología en Querétaro, Querétaro	1	2020-2
18	Doctorado	ESTANCIA CLINICA I	Facultad de Medicina	1	2019-2
19	Doctorado	TUTORIA IV	Facultad de Medicina	1	2019-2
20	Doctorado	ACTIVIDAD ACADEMICA OPTATIVA INTRODUCCIÓN A LAS NEUROCIENCIAS COGNITIVAS	Facultad de Medicina	1	2019-2
21	Maestría	TALLER DE INVESTIGACION IV	Instituto de Neurobiología en Querétaro, Querétaro	1	2016-2
22	Maestría	TALLER DE INVESTIGACION III	Instituto de Neurobiología en Querétaro, Querétaro	1	2016-1
23	Maestría	TALLER DE INVESTIGACION II	Instituto de Neurobiología en Querétaro, Querétaro	1	2015-2



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



JUAN FERNANDEZ RUIZ

PATENTES

No se encuentran registros en la base de datos de patentes asociados a:

JUAN FERNANDEZ RUIZ

JUAN FERNANDEZ RUIZ

FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024