



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



LUIS BELTRAN PARRAZAL

Datos Generales

Nombre: LUIS BELTRAN PARRAZAL

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 0 años, 7 meses, 16 días

Nombramientos

Último: INVESTIGADOR ASOCIADO C TC No Definitivo
Instituto de Neurobiología en Querétaro,
Querétaro
Desde 16-06-2009 hasta 31-01-2010

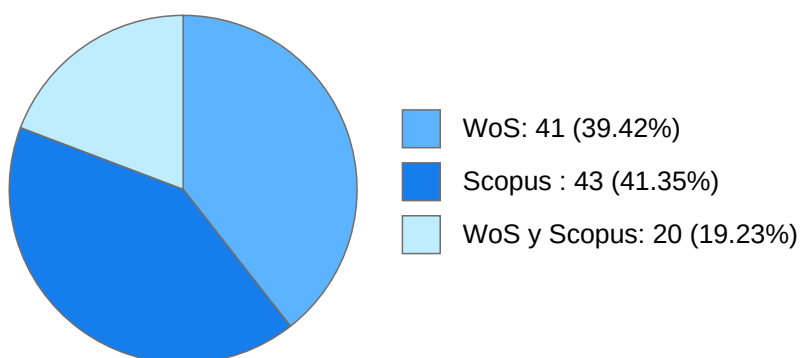
Estímulos, programas, premios y reconocimientos

SNI II 2017 - 2023
SNI I 2010 - 2016

LUIS BELTRAN PARRAZAL

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Modulation of inspiratory burst duration and frequency by bombesin in vitro	JUAN FERNANDEZ RUIZ LUIS BELTRAN PARRAZAL Morgado-Valle C. et al.	PFLUGERS ARCHIV-EUROPEAN JOURNAL OF PHYSIOLOGY	2023
2	An open-source low-cost wireless sensor system for acquisition of human movement data	LUIS BELTRAN PARRAZAL Landa-Jiménez M.A. González-Gaspar P. et al.	Anais Da Academia Brasileira De Ciencias	2022
3	Anxiolytic effect of chronic intake of supplemental magnesium chloride in rat	LUIS BELTRAN PARRAZAL Macías-Carballo M. Rosas-Navarro S. et al.	BEHAVIOURAL BRAIN RESEARCH	2021
4	Analixity: An open source, low-cost analysis system for the elevated plus maze test, based on computer vision techniques	LUIS BELTRAN PARRAZAL González-Gaspar P. Macías-Carballo M. et al.	BEHAVIOURAL PROCESSES	2021
5	Fractal and multifractal characterization of in vitro respiratory recordings of the pre-Bötzinger complex	LUIS BELTRAN PARRAZAL Paredes-Hernández U. Pliego-Pastrana P. et al.	Brain Multiphysics	2021
6	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

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7	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
8	Brain and plasma amino acid concentration in infant rats prenatally exposed to valproic acid	LUIS BELTRAN PARRAZAL Puig-Lagunes Á.A. Rocha L. et al.	Anais Da Academia Brasileira De Ciencias	2021
9	Status Epilepticus Increases Cell Proliferation and Neurogenesis in the Developing Rat Cerebellum	LUIS BELTRAN PARRAZAL Velazco-Cercas E. Morgado-Valle C. et al.	Cerebellum	2020
10	Long-term effects of status epilepticus during infancy in male rats: Sexual behavior and brain response upon exposure to sexually receptive females	LUIS BELTRAN PARRAZAL Chena-Becerra F. Coria-Avila G.A. et al.	EPILEPSY & BEHAVIOR	2020
11	Characterization and Classification of Electrophysiological Signals Represented as Visibility Graphs Using the Maxclique Graph	EDUARDO VAZQUEZ MENDOZA CONSUELO MORGADO VALLE LUIS BELTRAN PARRAZAL et al.	Frontiers in Bioengineering and Biotechnology	2020
12	Pre-Bötzinger complex: Generation and modulation of respiratory rhythm	LUIS BELTRAN PARRAZAL Muñoz-Ortiz J. Muñoz-Ortiz E. et al.	Neurologia	2019
13	Oxidative stress in the blood labyrinthine barrier in the macula utricule of Meniere's disease patients	LUIS BELTRAN PARRAZAL Ishiyama G. Wester J. et al.	FRONTIERS IN PHYSIOLOGY	2018
14	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
15	Respiratory rhythm generation: The whole is greater than the sum of the parts	LUIS BELTRAN PARRAZAL Morgado-Valle C.	Advances in Experimental Medicine and Biology	2017
16	Pentylentetrazole-induced seizures in developing rats prenatally exposed to valproic acid	LUIS BELTRAN PARRAZAL CONSUELO MORGADO VALLE Puig-Lagunes, A.A. et al.	PEERJ	2016
17	Open-box muscle-computer interface: Introduction to human-computer interactions in bioengineering, physiology, and neuroscience courses	CONSUELO MORGADO VALLE LUIS BELTRAN PARRAZAL Landa-Jiménez M.A. et al.	ADVANCES IN PHYSIOLOGY EDUCATION	2016
18	Hippocampal distribution of IL-1 β and IL-1RI following lithium-pilocarpine-induced status epilepticus in the developing rat	LUIS BELTRAN PARRAZAL Álvarez-Croda D.-M. Santiago-García J. et al.	Anais Da Academia Brasileira De Ciencias	2016

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19	Substitution of extracellular Ca^{2+} by Sr^{2+} prolongs inspiratory burst in pre-bötzing complex inspiratory neurons	CONSUELO MORGADO VALLE JUAN FERNANDEZ RUIZ LUIS BELTRAN PARRAZAL et al.	JOURNAL OF NEUROPHYSIOLOGY	2015
20	Effects of aging on strategic-based visuomotor learning	Israel VacaPalomares Rosalinda Díaz LUIS BELTRAN PARRAZAL et al.	BRAIN RESEARCH	2015
21	Effect of lithium-pilocarpine-induced status epilepticus on ultrasonic vocalizations in the infant rat pup	CONSUELO MORGADO VALLE LUIS BELTRAN PARRAZAL Lopez-Meraz, Maria-Leonor et al.	EPILEPSY & BEHAVIOR	2014
22	IL-1 beta increases necrotic neuronal cell death in the developing rat hippocampus after status epilepticus by activating type I IL-1 receptor (IL-1RI)	LUIS BELTRAN PARRAZAL CONSUELO MORGADO VALLE Medel-Matus, Jesus-Servando et al.	INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE	2014
23	A comparative study between piecewise-linear and point-based methodologies for galvanometer mirror systems	LUIS BELTRAN PARRAZAL Jiménez-Fernández V.M. Vazquez-Leal H. et al.	Revista Facultad De Ingeniería. Universidad De Antioquia	2014
24	A parametric piecewise-linear approach to laser projection	LUIS BELTRAN PARRAZAL Jimenez-Fernandez V.M. Cerecedo-Núñez H.H. et al.	COMPUTATIONAL & APPLIED MATHEMATICS	2013
25	Optical Fiber Trap: Radiation pressure effect on inorganic and organic microparticles	LUIS BELTRAN PARRAZAL Cerecedo-Núñez H.H. Alvarado-Zacarías J.C. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2013
26	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
27	Immunohistochemical localization and mRNA expression of aquaporins in the macula utriculi of patients with Meniere's disease and acoustic neuroma	LUIS BELTRAN PARRAZAL Ishiyama G. Lopez I.A. et al.	CELL AND TISSUE RESEARCH	2010
28	Neuroglobin, cytoglobin, and transcriptional profiling of hypoxia-related genes in the rat cerebellum after prenatal chronic very mild carbon monoxide exposure (25 ppm)	LUIS BELTRAN PARRAZAL Acuna D. Ngan A.M. et al.	BRAIN RESEARCH	2010

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29	Bradykinin increases resensitization of purinergic receptor signaling in glioma cells	HECTOR EDUARDO LOPEZ VALDES LUIS BELTRAN PARRAZAL Brennan, Kevin C. et al.	CANCER CELL INTERNATIONAL	2010
30	Evidence for oxidative stress in the developing cerebellum of the rat after chronic mild carbon monoxide exposure (0.0025% in air)	LUIS BELTRAN PARRAZAL Lopez I.A. Acuna D. et al.	BMC NEUROSCIENCE	2009
31	Oxidative stress and the deleterious consequences to the rat cochlea after prenatal chronic mild exposure to carbon monoxide in air	LUIS BELTRAN PARRAZAL Lopez I.A. Acuna D. et al.	Neuroscience	2008
32	Somatic Ca ²⁺ transients do not contribute to inspiratory drive in preBötzing Complex neurons	CONSUELO MORGADO VALLE LUIS BELTRAN PARRAZAL DiFranco M. et al.	JOURNAL OF PHYSIOLOGY-LONDON	2008
33	Genetic program of neuronal differentiation and growth induced by specific activation of NMDA receptors	LUIS BELTRAN PARRAZAL Ghiani C.A. Sforza D.M. et al.	NEUROCHEMICAL RESEARCH	2007
34	Distinct vascular conduction with cortical spreading depression	LUIS BELTRAN PARRAZAL HECTOR EDUARDO LOPEZ VALDES Brennan K.C. et al.	JOURNAL OF NEUROPHYSIOLOGY	2007
35	K ⁺ channel KV3.1 associates with OSP/claudin-11 and regulates oligodendrocyte development	LUIS BELTRAN PARRAZAL Tiwari-Woodruff S. Charles A. et al.	AMERICAN JOURNAL OF PHYSIOLOGY-CELL PHYSIOLOGY	2006
36	Mitochondrial transport in processes of cortical neurons is independent of intracellular calcium	LUIS BELTRAN PARRAZAL HECTOR EDUARDO LOPEZ VALDES MAURICIO DIAZ MUÑOZ et al.	AMERICAN JOURNAL OF PHYSIOLOGY-CELL PHYSIOLOGY	2006
37	Gene expression is differentially regulated by neurotransmitters in embryonic neuronal cortical culture.	LUIS BELTRAN PARRAZAL Ghiani C.A. Lelievre V. et al.	JOURNAL OF NEUROCHEMISTRY	2006
38	Lowering Cyclic Adenosine-3',5'-Monophosphate (cAMP) Levels by Expression of a cAMP-Specific Phosphodiesterase Decreases Intrinsic Pulsatile Gonadotropin-Releasing Hormone Secretion from GT1 Cells	LUIS BELTRAN PARRAZAL Yoshida H. Butler P. et al.	MOL ENDOCRINOL	2003
39	Riluzole inhibits spontaneous Ca ²⁺ signaling in neuroendocrine cells by activation of K ⁺ channels and inhibition of Na ⁺ channels	LUIS BELTRAN PARRAZAL Charles A.	BRITISH JOURNAL OF PHARMACOLOGY	2003

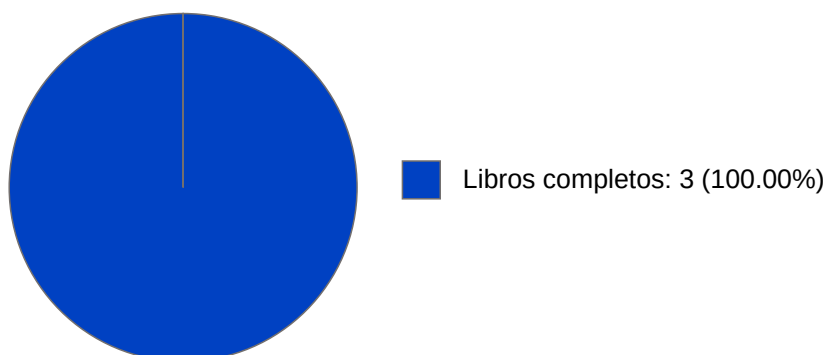
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40	GABA inhibition of immortalized gonadotropin-releasing hormone neuronal excitability involves GABA A receptors negatively coupled to cyclic adenosine monophosphate formation	LUIS BELTRAN PARRAZAL MARIA DEL CARMEN CLAPP JIMENEZ L. GONZALO MARTINEZ DE LA ESCALERA LORENZO et al.	ENDOCRINE	2001
41	Manipulations during forced wakefulness have differential impact on sleep architecture, EEG power spectrum, and Fos induction	LUIS BELTRAN PARRAZAL ARTURO VEGA GONZALEZ RENE RAUL DRUCKER COLIN et al.	BRAIN RESEARCH BULLETIN	1998
42	Delay in manifestations of aging by grafting NGF cultured cromaffin cells in adulthood	LUIS BELTRAN PARRAZAL SYLVIA LETICIA VERDUGO DIAZ CONSUELO MORGADO VALLE et al.	NEUROBIOLOGY OF AGING	1995
43	Evaluation of the anticonvulsant and neuroprotective effect of intracerebral administration of growth hormone in rats	LUIS BELTRAN PARRAZAL Zamora-Bello I. Martínez A. et al.	Neurologia	

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Diez años celebrando el cerebro	LUIS BELTRAN PARRAZAL	Libro Completo	2017	9786075026206
2	Neurofisiología de la conducta	JUAN FERNANDEZ RUIZ LUIS BELTRAN PARRAZAL	Libro Completo	2015	9786075024127
3	Neurofisiología de la Conducta	JUAN FERNANDEZ RUIZ LUIS BELTRAN PARRAZAL	Libro Completo	2012	9786075021911



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PARTICIPACIÓN EN PROYECTOS

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

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PARTICIPACIÓN EN TESIS

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DOCENCIA IMPARTIDA

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

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PATENTES

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

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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