



Sistema Integral de Información Académica
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RANULFO ROMO TRUJILLO

Datos Generales

Nombre: RANULFO ROMO TRUJILLO

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 30 años, 6 meses, 1 día

Nombramientos

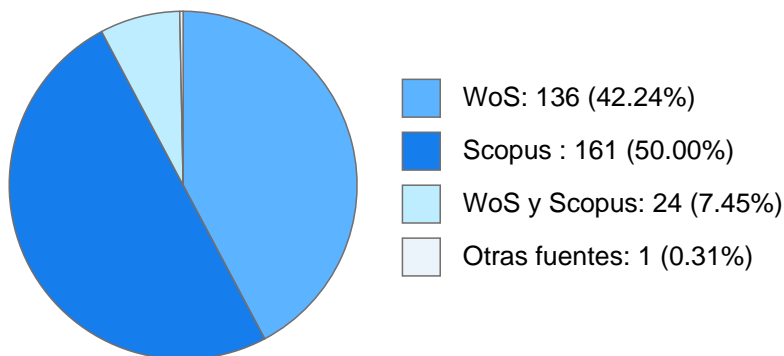
Último: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Fisiología Celular
Desde 01-01-2008 (fecha inicial de registros en el SIIA) hasta 15-04-2020

Estímulos, programas, premios y reconocimientos

SNI III - 2023
PRIDE D - 2020
HONORIS CAUSA Doctor Honoris Causa 2017
RDUNJA Investigación en ciencias naturales 1994
PUN Investigación en ciencias naturales 1999

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Quantum tunneling decay due to interference of a bound and an antibound state	GASTON DANIEL GARCIA Y CALDERON RANULFO ROMO TRUJILLO	PHYSICAL REVIEW A	2024
2	Hierarchical unimodal processing within the primary somatosensory cortex during a bimodal detection task (vol 119, e22138471119, 2022)	ANTONIO PAULINO ZAINOS ROSALES RANULFO ROMO TRUJILLO ROMAN ROSSI POOL et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2023
3	Dopamine firing plays a dual role in coding reward prediction errors and signaling motivation in a working memory task (vol 119, e21133111119, 2022)	ROMAN ROSSI POOL RANULFO ROMO TRUJILLO Stefania Sarno et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2023



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4	Dopamine firing plays a dual role in coding reward prediction errors and signaling motivation in a working memory task	ROMAN ROSSI POOL RANULFO ROMO TRUJILLO Sarno S. et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2022
5	An abstract categorical decision code in dorsal premotor cortex	JESUS MANUEL ALVAREZ LOPEZ ANTONIO PAULINO ZAINOS ROSALES SERGIO PARRA SANCHEZ et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2022
6	Hierarchical unimodal processing within the primary somatosensory cortex during a bimodal detection task	SERGIO PARRA SANCHEZ JAIME HECTOR DIAZ OSORNIO ANTONIO PAULINO ZAINOS ROSALES et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2022
7	Buildup and decay dynamics of exponentially modulated quantum waves in resonant structures	RANULFO ROMO TRUJILLO D. Amador-Bartolini J. Villavicencio et al.	PHYSICA SCRIPTA	2021
8	Invariant timescale hierarchy across the cortical somatosensory network	ROMAN ROSSI POOL ANTONIO PAULINO ZAINOS ROSALES JESUS MANUEL ALVAREZ LOPEZ et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2021
9	A continuum of invariant sensory and behavioral-context perceptual coding in secondary somatosensory cortex	ROMAN ROSSI POOL ANTONIO PAULINO ZAINOS ROSALES JESUS MANUEL ALVAREZ LOPEZ et al.	NATURE COMMUNICATIONS	2021
10	Dopamine activity plays a double role in improving perception and signaling motivation in a working memory task	ROMAN ROSSI POOL RANULFO ROMO TRUJILLO Joan Falco-Roget et al.	JOURNAL OF COMPUTATIONAL NEUROSCIENCE	2021



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11	Turning Touch into Perception	RANULFO ROMO TRUJILLO ROMAN ROSSI POOL	Neuron	2020
12	Towards a conscious model of consciousness	RANULFO ROMO TRUJILLO ROMAN ROSSI POOL	COGNITIVE NEUROPSYCHOLOGY	2020
13	Low-dimensional dynamics for working memory and time encoding	RANULFO ROMO TRUJILLO Cueva C.J. Saez A. et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2020
14	Feed-forward information and zero-lag synchronization in the sensory thalamocortical circuit are modulated during stimulus perception	JESUS MANUEL ALVAREZ LOPEZ ANTONIO PAULINO ZAINOS ROSALES ROMAN ROSSI POOL et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2019
15	Temporal signals underlying a cognitive process in the dorsal premotor cortex	ROMAN ROSSI POOL JESUS MANUEL ALVAREZ LOPEZ ANTONIO PAULINO ZAINOS ROSALES et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2019
16	Low Dimensionality, High Robustness in Neural Population Dynamics	ROMAN ROSSI POOL RANULFO ROMO TRUJILLO	Neuron	2019
17	The Memory Map of Visual Space	ROMAN ROSSI POOL RANULFO ROMO TRUJILLO Vergara J.	TRENDS IN NEUROSCIENCE S	2018
18	Dopamine reward prediction error signal codes the temporal evaluation of a perceptual decision report	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO Sarno, Stefania et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2017



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19	Beta oscillations reflect supramodal information during perceptual judgment	JOSE VERGARA DE LA FUENTE ROMAN ROSSI POOL LUIS ALONSO LEMUS SANDOVAL et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2017
20	Decoding a Decision Process in the Neuronal Population of Dorsal Premotor Cortex	ROMAN ROSSI POOL ANTONIO PAULINO ZAINOS ROSALES JESUS MANUEL ALVAREZ LOPEZ et al.	Neuron	2017
21	Stable population coding for working memory coexists with heterogeneous neural dynamics in prefrontal cortex	RANULFO ROMO TRUJILLO Murray, John D. Bernacchia, Alberto et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2017
22	Emergence of an abstract categorical code enabling the discrimination of temporally structured tactile stimuli	ANTONIO PAULINO ZAINOS ROSALES JESUS MANUEL ALVAREZ LOPEZ RANULFO ROMO TRUJILLO et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2016
23	Single-Neuron Sensory Coding Might Influence Performance in a Monkey's Perceptual Discrimination Task	RANULFO ROMO TRUJILLO de Jorge, Pau Nacher, Veronica et al.	Lecture Notes in Artificial Intelligence	2016
24	Single-neuron sensory coding might influence performance in a monkey's perceptual discrimination task	RANULFO ROMO TRUJILLO de Jorge, P. Nacher, V. et al.	Lecture Notes in Artificial Intelligence	2016
25	Demixed principal component analysis of neural population data	RANULFO ROMO TRUJILLO Kobak, Dmitry Brendel, Wieland et al.	eLife	2016
26	A Neural Parametric Code for Storing Information of More than One Sensory Modality in Working Memory	JOSE VERGARA DE LA FUENTE ROMAN ROSSI POOL RANULFO ROMO TRUJILLO et al.	Neuron	2016



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27	Task-driven intra- and interarea communications in primate cerebral cortex	Veronica Nacher Rogelio Luna RANULFO ROMO TRUJILLO et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2015
28	Decoding stimulus features in primate somatosensory cortex during perceptual categorization	JESUS MANUEL ALVAREZ LOPEZ ANTONIO PAULINO ZAINOS ROSALES RANULFO ROMO TRUJILLO	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2015
29	Dynamic Control of Response Criterion in Premotor Cortex during Perceptual Detection under Temporal Uncertainty	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO Carnevale, Federico et al.	Neuron	2015
30	Beta oscillations define discrete perceptual cycles in the somatosensory domain	RANULFO ROMO TRUJILLO Baumgarten T.J. Schnitzler A. et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2015
31	Local domains of motor cortical activity revealed by fiber-optic calcium recordings in behaving nonhuman primates	ANTONIO PAULINO ZAINOS ROSALES JESUS MANUEL ALVAREZ LOPEZ RANULFO ROMO TRUJILLO et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2014



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32	Thalamocortical rhythms during a vibrotactile detection task	Yuriria Vazquez ANTONIO PAULINO ZAINOS ROSALES JESUS MANUEL ALVAREZ LOPEZ et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2014
33	The Influence of Spatiotemporal Structure of Noisy Stimuli in Decision Making	RANULFO ROMO TRUJILLO Insabato, Andrea Dempere-Marco, Laura et al.	PLOS COMPUTATIONAL BIOLOGY	2014
34	How Confident Do You Feel?	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO	Neuron	2014
35	A hierarchy of intrinsic timescales across primate cortex	RANULFO ROMO TRUJILLO Murray, John D. Bernacchia, Alberto et al.	NATURE NEUROSCIENCE	2014
36	Embracing disorder: making sense of complex population codes	RANULFO ROMO TRUJILLO Barak, O. Sussillo, D. C. et al.	JOURNAL OF MOLECULAR NEUROSCIENCE	2013
37	Conversion of sensory signals into perceptions, memories and decisions	RANULFO ROMO TRUJILLO	PROGRESS IN NEUROBIOLOGY	2013
38	Conversion of sensory signals into perceptual decisions	RANULFO ROMO TRUJILLO VICTOR HUGO DE LAFUENTE FLORES	PROGRESS IN NEUROBIOLOGY	2013
39	Brain mechanisms for perceptual and reward-related decision-making	RANULFO ROMO TRUJILLO Deco, Gustavo Rolls, Edmund T. et al.	PROGRESS IN NEUROBIOLOGY	2013
40	From fixed points to chaos: Three models of delayed discrimination	RANULFO ROMO TRUJILLO Barak, Omri Sussillo, David et al.	PROGRESS IN NEUROBIOLOGY	2013
41	Transformation of the neural code for tactile detection from thalamus to cortex	Yuriria Vazquez RANULFO ROMO TRUJILLO Salinas, Emilio	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2013
42	Coherent delta-band oscillations between cortical areas correlate with decision making	Veronica Nacher RANULFO ROMO TRUJILLO Ledberg, Anders et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2013



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43	An optimal decision population code that accounts for correlated variability unambiguously predicts a subject's choice	Victor de Lafuente RANULFO ROMO TRUJILLO Carnevale, Federico et al.	Neuron	2013
44	Dynamics of Cortical Neuronal Ensembles Transit from Decision Making to Storage for Later Report	Adrian Ponce Alvarez Veronica Nacher Rogelio Luna et al.	JOURNAL OF NEUROSCIENCE	2012
45	Neural coding and perceptual detection in the primate somatosensory thalamus	Yuriria Vazquez ANTONIO PAULINO ZAINOS ROSALES JESUS MANUEL ALVAREZ LOPEZ et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2012
46	Internal signal correlates neural populations and biases perceptual decision reports	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO Carnevale, Federico et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2012
47	Sense, memory, and decision-making in the somatosensory cortical network	RANULFO ROMO TRUJILLO LUIS ALONSO LEMUS SANDOVAL Victor de Lafuente	CURRENT OPINION IN NEUROBIOLOGY	2012
48	DOPAMINERGIC ACTIVITY COINCIDES WITH STIMULUS DETECTION BY THE FRONTAL LOBE	V. de Lafuente RANULFO ROMO TRUJILLO	Neuroscience	2012
49	Coding perceptual discrimination in the somatosensory thalamus	Liliana Camarillo Rogelio Luna Veronica Nacher et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2012



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50	Phantom percepts: Tinnitus and pain as persisting aversive memory networks	RANULFO ROMO TRUJILLO De Ridder, Dirk Elgoyhen, Ana Belen et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2011
51	Beta oscillations in the monkey sensorimotor network reflect somatosensory decision making	Veronica Nacher ADRIAN HERNANDEZ ALVA Rogelio Luna et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2011
52	Neural and computational mechanisms of postponed decisions	RANULFO ROMO TRUJILLO Martinez-Garcia, Marina Rolls, Edmund T. et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2011
53	alpha-Oscillations in the monkey sensorimotor network influence discrimination performance by rhythmical inhibition of neuronal spiking	Veronica Nacher Rogelio Luna RANULFO ROMO TRUJILLO et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2011
54	Dopamine neurons code subjective sensory experience and uncertainty of perceptual decisions	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2011



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55	Demixed principal component analysis	RANULFO ROMO TRUJILLO Brendel W. Machens C.K.	Advances In Neural Information Processing Systems 24: 25th Annual Conference On Neural Information Processing Sys	2011
56	Heterogenous population coding of a short-term memory and decision task (The Journal of Neuroscience (2010) (916–929))	ADRIAN HERNANDEZ ALVA ANTONIO PAULINO ZAINOS ROSALES LUIS ALONSO LEMUS SANDOVAL et al.	JOURNAL OF NEUROSCIENCE	2010
57	Functional, But Not Anatomical, Separation of "What" and "When" in Prefrontal Cortex	RANULFO ROMO TRUJILLO Machens, Christian K. Brody, Carlos D.	JOURNAL OF NEUROSCIENCE	2010
58	Heterogenous Population Coding of a Short-Term Memory and Decision Task	ADRIAN HERNANDEZ ALVA ANTONIO PAULINO ZAINOS ROSALES LUIS ALONSO LEMUS SANDOVAL et al.	JOURNAL OF NEUROSCIENCE	2010
59	Synaptic dynamics and decision making	RANULFO ROMO TRUJILLO Deco, Gustavo Rolls, Edmund T.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2010
60	Decoding a Perceptual Decision Process across Cortex	ADRIAN HERNANDEZ ALVA Veronica Nacher Rogelio Luna et al.	Neuron	2010
61	Neuronal Population Coding of Parametric Working Memory	RANULFO ROMO TRUJILLO Barak, Omri Tsodyks, Misha	JOURNAL OF NEUROSCIENCE	2010
62	Do Sensory Cortices Process More than One Sensory Modality during Perceptual Judgments?	LUIS ALONSO LEMUS SANDOVAL ADRIAN HERNANDEZ ALVA Rogelio Luna et al.	Neuron	2010
63	Stochastic dynamics as a principle of brain function	RANULFO ROMO TRUJILLO Deco, Gustavo Rolls, Edmund T.	PROGRESS IN NEUROBIOLOGY	2009



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64	Context-Dependent Modulation of Functional Connectivity: Secondary Somatosensory Cortex to Prefrontal Cortex Connections in Two-Stimulus-Interval Discrimination Tasks	RANULFO ROMO TRUJILLO Chow, Stephanie S. Brody, Carlos D.	JOURNAL OF NEUROSCIENCE	2009
65	Neural codes for perceptual discrimination of acoustic flutter in the primate auditory cortex	LUIS ALONSO LEMUS SANDOVAL ADRIAN HERNANDEZ ALVA RANULFO ROMO TRUJILLO	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2009
66	Neural encoding of auditory discrimination in ventral premotor cortex	LUIS ALONSO LEMUS SANDOVAL ADRIAN HERNANDEZ ALVA RANULFO ROMO TRUJILLO	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2009
67	Chair's introduction	RANULFO ROMO TRUJILLO	No Identificado	2008
68	Procedure for recording the simultaneous activity of single neurons distributed across cortical areas during sensory discrimination	Veronica Nacher Rogelio Luna ANTONIO PAULINO ZAINOS ROSALES et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2008
69	The role of fluctuations in perception	RANULFO ROMO TRUJILLO Deco, Gustavo	TRENDS IN NEUROSCIENCE S	2008
70	Perceptual detection as a dynamical bistability phenomenon: A neurocomputational correlate of sensation	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO Deco G. et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2007



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71	Molecules to Remember	RANULFO ROMO TRUJILLO Salinas E.	Cell	2007
72	Biomimetic brain machine interfaces for the control of movement	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO Fagg A.H. et al.	JOURNAL OF NEUROSCIENCE	2007
73	Neural correlates of a postponed decision report	LUIS ALONSO LEMUS SANDOVAL ANTONIO PAULINO ZAINOS ROSALES RANULFO ROMO TRUJILLO et al.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2007
74	General discussion I	RANULFO ROMO TRUJILLO Treves A. Diamond M.E. et al.	NOVART FDN SYMP	2006
75	Discussion	RANULFO ROMO TRUJILLO Logothetis N.K. Hasson U. et al.	NOVART FDN SYMP	2006
76	General discussion IV	RANULFO ROMO TRUJILLO Rizzolatti G. Albright T.D. et al.	NOVART FDN SYMP	2006
77	General discussion III	RANULFO ROMO TRUJILLO Tanifuji M. Rizzolatti G. et al.	NOVART FDN SYMP	2006
78	Discussion	RANULFO ROMO TRUJILLO Schall J.D. Harris J.A. et al.	NOVART FDN SYMP	2006
79	General discussion II	RANULFO ROMO TRUJILLO Logothetis N.K. Derdikman D. et al.	NOVART FDN SYMP	2006
80	Discussion	RANULFO ROMO TRUJILLO Derdikman D. Brecht M. et al.	NOVART FDN SYMP	2006
81	Discussion	RANULFO ROMO TRUJILLO Scott S.H. Diamond M.E. et al.	NOVART FDN SYMP	2006
82	Chair's introduction	RANULFO ROMO TRUJILLO	NOVART FDN SYMP	2006
83	Discussion	RANULFO ROMO TRUJILLO Logothetis N.K. Gold J.I. et al.	NOVART FDN SYMP	2006
84	Decoding the temporal evolution of a simple perceptual act	RANULFO ROMO TRUJILLO ANTONIO PAULINO ZAINOS ROSALES LUIS ALONSO LEMUS SANDOVAL et al.	NOVART FDN SYMP	2006



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85	Neural correlate of subjective sensory experience gradually builds up across cortical areas	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2006
86	Neural codes for perceptual discrimination in primary somatosensory cortex	RANULFO ROMO TRUJILLO Luna R. Brody C.D. et al.	NATURE NEUROSCIENCE	2005
87	Neuronal correlates of subjective sensory experience	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO	NATURE NEUROSCIENCE	2005
88	Erratum: A recurrent network model of somatosensory parametric working memory in the prefrontal cortex (Cerebral Cortex (November 2003) 13:11 (1208-1218) DOI:10.1093/cercor/bhg101	RANULFO ROMO TRUJILLO Miller P. Brody C.D. et al.	CEREB CORTEX	2005
89	Flexible control of mutual inhibition: A neural model of two-interval discrimination	RANULFO ROMO TRUJILLO Machens C.K. Brody C.D.	Science	2005
90	Language Abilities of Motor Cortex	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO	Neuron	2004
91	Timing and Neural Encoding of Somatosensory Parametric Working Memory in Macaque Prefrontal Cortex	ANTONIO PAULINO ZAINOS ROSALES RANULFO ROMO TRUJILLO Brody C.D. et al.	CEREB CORTEX	2003
92	Correlated neuronal discharges that increase coding efficiency during perceptual discrimination	RANULFO ROMO TRUJILLO ADRIAN HERNANDEZ ALVA ANTONIO PAULINO ZAINOS ROSALES et al.	Neuron	2003
93	Basic mechanisms for graded persistent activity: Discrete attractors, continuous attractors, and dynamic representations	RANULFO ROMO TRUJILLO Brody C.D. Kepecs A.	CURRENT OPINION IN NEUROBIOLOGY	2003
94	A Recurrent Network Model of Somatosensory Parametric Working Memory in the Prefrontal Cortex	RANULFO ROMO TRUJILLO Miller P. Brody C.D. et al.	CEREB CORTEX	2003
95	Flutter discrimination: Neural codes, perception, memory and decision making	RANULFO ROMO TRUJILLO Salinas E.	NATURE REVIEWS NEUROSCIENCE	2003
96	Decisions arising from opposing views	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO	NATURE NEUROSCIENCE	2003



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97	Probing the cortical neuronal correlates of a sensory discrimination process	RANULFO ROMO TRUJILLO ANTONIO PAULINO ZAINOS ROSALES LUIS ALONSO LEMUS SANDOVAL et al.	ARCHIVES ITALIENNES DE BIOLOGIE	2002
98	A hidden sensory function for motor cortex	VICTOR HUGO DE LAFUENTE FLORES RANULFO ROMO TRUJILLO	Neuron	2002
99	Temporal evolution of a decision-making process in medial premotor cortex	ANTONIO PAULINO ZAINOS ROSALES RANULFO ROMO TRUJILLO ADRIAN HERNANDEZ ALVA	Neuron	2002
100	Neural codes for perception [Códigos neurales para la percepción]	RANULFO ROMO TRUJILLO ANTONIO PAULINO ZAINOS ROSALES LUIS ALONSO LEMUS SANDOVAL et al.	REVISTA DE NEUROLOGIA	2002
101	Neural codes for perception [Códigos neurales para la percepción.]	RANULFO ROMO TRUJILLO ADRIAN HERNANDEZ ALVA ANTONIO PAULINO ZAINOS ROSALES et al.	REVISTA DE NEUROLOGIA	2002
102	Exploring the cortical evidence of a sensory-discrimination process	RANULFO ROMO TRUJILLO ANTONIO PAULINO ZAINOS ROSALES Brody C. et al.	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2002
103	Analysing neuronal correlates of the comparison of two sequentially presented sensory stimuli	ANTONIO PAULINO ZAINOS ROSALES LUIS ALONSO LEMUS SANDOVAL RANULFO ROMO TRUJILLO et al.	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2002
104	Cognitive neuroscience: Editorial overview	RANULFO ROMO TRUJILLO Maunsell J.	CURRENT OPINION IN NEUROBIOLOGY	2002
105	Neuronal correlates of decision-making in secondary somatosensory cortex	RANULFO ROMO TRUJILLO ANTONIO PAULINO ZAINOS ROSALES LUIS ALONSO LEMUS SANDOVAL et al.	NATURE NEUROSCIENCE	2002
106	Touch and go: Decision-making mechanisms in somatosensation	RANULFO ROMO TRUJILLO Salinas E.	Annual Review of Neuroscience	2001
107	Tactile shape processing	RANULFO ROMO TRUJILLO Ostry D.J.	Neuron	2001
108	A chorus line	RANULFO ROMO TRUJILLO Salinas E.	Nature	2000
109	Periodicity and firing rate as candidate neural codes for the frequency of vibrotactile stimuli	ADRIAN HERNANDEZ ALVA ANTONIO PAULINO ZAINOS ROSALES RANULFO ROMO TRUJILLO et al.	JOURNAL OF NEUROSCIENCE	2000
110	Coming home to research in Mexico	RANULFO ROMO TRUJILLO	CURRENT BIOLOGY	2000



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111	Sensing without touching: Psychophysical performance based on cortical microstimulation	RANULFO ROMO TRUJILLO ANTONIO PAULINO ZAINOS ROSALES LUIS ALONSO LEMUS SANDOVAL et al.	Neuron	2000
112	Neuronal correlates of sensory discrimination in the somatosensory cortex	ANTONIO PAULINO ZAINOS ROSALES RANULFO ROMO TRUJILLO ADRIAN HERNANDEZ ALVA	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2000
113	Sensing and deciding in the somatosensory system	RANULFO ROMO TRUJILLO Salinas E.	CURRENT OPINION IN NEUROBIOLOGY	1999
114	Neuronal correlates of parametric working memory in the prefrontal cortex	RANULFO ROMO TRUJILLO ADRIAN HERNANDEZ ALVA LUIS ALONSO LEMUS SANDOVAL et al.	Nature	1999
115	Conversion of sensory signals into motor commands in primary motor cortex	RANULFO ROMO TRUJILLO Salinas E.	JOURNAL OF NEUROSCIENCE	1998
116	Somatosensory discrimination based on cortical microstimulation	RANULFO ROMO TRUJILLO ADRIAN HERNANDEZ ALVA ANTONIO PAULINO ZAINOS ROSALES et al.	Nature	1998
117	Processing of somesthetic stimuli in primate sensory-motor cortex	RANULFO ROMO TRUJILLO ANTONIO PAULINO ZAINOS ROSALES HUGO MERCHANT NANCY et al.	Advances in Psychology	1998
118	Discrimination in the sense of flutter: New psychophysical measurements in monkeys	ADRIAN HERNANDEZ ALVA RANULFO ROMO TRUJILLO Salinas E. et al.	JOURNAL OF NEUROSCIENCE	1997
119	Categorical perception of somesthetic stimuli: Psychophysical measurements correlated with neuronal events in primate medial premotor cortex	RANULFO ROMO TRUJILLO HUGO MERCHANT NANCY ANTONIO PAULINO ZAINOS ROSALES et al.	CEREB CORTEX	1997
120	Role of primary somatic sensory cortex in the categorization of tactile stimuli: Effects of lesions	ANTONIO PAULINO ZAINOS ROSALES HUGO MERCHANT NANCY ADRIAN HERNANDEZ ALVA et al.	EXPERIMENTAL BRAIN RESEARCH	1997
121	Functional properties of primate putamen neurons during the categorization of tactile stimuli	HUGO MERCHANT NANCY ANTONIO PAULINO ZAINOS ROSALES ADRIAN HERNANDEZ ALVA et al.	JOURNAL OF NEUROPHYSIOLOGY	1997
122	Categorization of somaesthetic stimuli: Sensorimotor performance and neuronal activity in primary somatic sensory cortex of awake monkeys	RANULFO ROMO TRUJILLO HUGO MERCHANT NANCY ANTONIO PAULINO ZAINOS ROSALES et al.	Neuroreport	1996



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123	Representation of moving tactile stimuli in the somatic sensory cortex of awake monkeys	BLANCA OLIMPIA PATRICIA CRESPO ARELLANO RANULFO ROMO TRUJILLO Ruiz S.	JOURNAL OF NEUROPHYSIOLOGY	1995
124	Neuronal activity of primate putamen during categorical perception of somesthetic stimuli	RANULFO ROMO TRUJILLO HUGO MERCHANT NANCY BLANCA OLIMPIA PATRICIA CRESPO ARELLANO et al.	Neuroreport	1995
125	Reward-related activity in the monkey striatum and substantia nigra	RANULFO ROMO TRUJILLO Schultz W. Apicella P. et al.	Progress in Brain Research	1993
126	A tactile stimulator for studying motion processing in the somatic sensory system of primates	RANULFO ROMO TRUJILLO BLANCA OLIMPIA PATRICIA CRESPO ARELLANO Ruiz S. et al.	JOURNAL OF NEUROSCIENCE METHODS	1993
127	Role of primate basal ganglia and frontal cortex in the internal generation of movements - III. Neuronal activity in the supplementary motor area	RANULFO ROMO TRUJILLO Schultz W.	EXPERIMENTAL BRAIN RESEARCH	1992
128	Role of primate basal ganglia and frontal cortex in the internal generation of movements - II. Movement-related activity in the anterior striatum	RANULFO ROMO TRUJILLO Scarnati E. Schultz W.	EXPERIMENTAL BRAIN RESEARCH	1992
129	Role of primate basal ganglia and frontal cortex in the internal generation of movements - I. Preparatory activity in the anterior striatum	RANULFO ROMO TRUJILLO Schultz W.	EXPERIMENTAL BRAIN RESEARCH	1992
130	Selective output-discriminative signals in the motor cortex of waking monkeys	RANULFO ROMO TRUJILLO Mountcastle V.B. Atluri P.P.	CEREB CORTEX	1992
131	Dopamine neurons of the monkey midbrain: Contingencies of responses to stimuli eliciting immediate behavioral reactions	RANULFO ROMO TRUJILLO Schultz W.	JOURNAL OF NEUROPHYSIOLOGY	1990
132	Dopamine neurons of the monkey midbrain: Contingencies of responses to active touch during self-initiated arm movements	RANULFO ROMO TRUJILLO Schultz W.	JOURNAL OF NEUROPHYSIOLOGY	1990
133	Frequency discrimination in the sense of flutter: Psychophysical measurements correlated with postcentral events in behaving monkeys	RANULFO ROMO TRUJILLO Mountcastle V.B. Steinmetz M.A.	JOURNAL OF NEUROSCIENCE	1990
134	Cortical neuronal periodicities and frequency discrimination in the sense of flutter	RANULFO ROMO TRUJILLO Mountcastle V.B. Steinmetz M.A.	COLD SPRING HARB SYM	1990



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135	Protection against 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced parkinsonism by the catecholamine uptake inhibitor nomifensine: Behavioral analysis in monkeys with partial striatal dopamine depletions	RANULFO ROMO TRUJILLO Schultz W. Scarnati E. et al.	Neuroscience	1989
136	Deficits in reaction times and movement times as correlates of hypokinesia in monkeys with MPTP-induced striatal dopamine depletion	RANULFO ROMO TRUJILLO Schultz W. Studer A. et al.	JOURNAL OF NEUROPHYSIOLOGY	1989
137	Saccadic reaction times, eye-arm coordination and spontaneous eye movements in normal and MPTP- treated monkeys	RANULFO ROMO TRUJILLO Schultz W. Scarnati E. et al.	EXPERIMENTAL BRAIN RESEARCH	1989
138	Somatosensory input to dopamine neurones of the monkey midbrain: Responses to pain pinch under anaesthesia and to active touch in behavioural context	RANULFO ROMO TRUJILLO Schultz W.	Progress in Brain Research	1989
139	Neuronal activity in the monkey striatum during the initiation of movements	RANULFO ROMO TRUJILLO Schultz W.	EXPERIMENTAL BRAIN RESEARCH	1988
140	Presynaptic regulation of dopaminergic transmission in the striatum	RANULFO ROMO TRUJILLO Glowinski J. Chéramy A. et al.	CELLULAR AND MOLECULAR NEUROBIOLOGY	1988
141	Response of nigrostriated dopamine neurons to high-intensity somatosensory stimulation in the anesthetized monkey	RANULFO ROMO TRUJILLO Schultz W.	JOURNAL OF NEUROPHYSIOLOGY	1987
142	Different effects of electrical stimulation of the mesencephalic and pontine reticular formation on the release of dopamine and acetylcholine in the cat caudate nucleus	RANULFO ROMO TRUJILLO Gaudry-Talarmin Y.M. Chéramy A. et al.	NEUROSCIENCE LETTERS	1987
143	The role of dopamine released from distal and proximal dendrites of nigrostriatal dopaminergic neurons in the control of gaba transmission in the thalamic nucleus ventralis medialis in the cat	RANULFO ROMO TRUJILLO Gauchy C. Kemel M.L. et al.	Neuroscience	1987



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144	Neuronal activity preceding self-initiated or externally timed arm movements in area 6 of monkey cortex	RANULFO ROMO TRUJILLO Schultz W.	EXPERIMENTAL BRAIN RESEARCH	1987
145	Immunocytochemical study of enkephalin-like cell bodies in the thalamus of the cat	RANULFO ROMO TRUJILLO Covenas R. Cheramy A. et al.	BRAIN RESEARCH	1986
146	Distribution of Met-enkephalin immunoreactive fibres in the thalamus of the cat	RANULFO ROMO TRUJILLO Conrath M. Covenas R. et al.	NEUROSCIENCE LETTERS	1986
147	Involvement of cortico-striatal "glutamatergic" neurons in the presynaptic control of dopamine release in the cat caudate nucleus.	RANULFO ROMO TRUJILLO Chéramy A. Barbeito L. et al.	CLINICAL NEUROPHARMACOLOGY	1986
148	Physiological presynaptic facilitation of dopamine release in the cat caudate nucleus	RANULFO ROMO TRUJILLO Cheramy A. Godeheu G. et al.	J PHYSIOL-PARIS	1986
149	The relative roles of neuronal activity and direct presynaptic mechanisms in controlling the release of dopamine from the cat caudate nucleus.	RANULFO ROMO TRUJILLO Cheramy A. Glowinski J.	ANNALS OF THE NEW YORK ACADEMY OF SCIENCES	1986
150	In vivo presynaptic control of dopamine release in the cat caudate nucleus-I. Opposite changes in neuronal activity and release evoked from thalamic motor nuclei	RANULFO ROMO TRUJILLO Chéramy A. Godeheu G. et al.	Neuroscience	1986
151	In vivo presynaptic control of dopamine release in the cat caudate nucleus-II. Facilitatory or inhibitory influence of l-glutamate	RANULFO ROMO TRUJILLO Chéramy A. Godeheu G. et al.	Neuroscience	1986
152	In vivo presynaptic control of dopamine release in the cat caudate nucleus-III. Further evidence for the implication of corticostriatal glutamatergic neurons	RANULFO ROMO TRUJILLO Chéramy A. Godeheu G. et al.	Neuroscience	1986
153	In vivo presynaptic control of dopamine release in the cat caudate nucleus - II. Facilitatory or inhibitory influence of L-glutamate	RANULFO ROMO TRUJILLO Cheramy A. Godeheu G. et al.	Neuroscience	1986
154	Acetylcholine release in the cat caudate nucleus measured with the choline oxidase method	RANULFO ROMO TRUJILLO Morot-Gaudry Y. Lesbats B. et al.	EUROPEAN JOURNAL OF PHARMACOLOGY	1985



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155	Prolonged changes in dopaminergic terminal excitability and short changes in dopaminergic neuron discharge rate after short peripheral stimulation in monkey	RANULFO ROMO TRUJILLO Schultz W.	NEUROSCIENCE LETTERS	1985
156	Distinct commissural pathways are involved in the enhanced release of dopamine induced in the contralateral caudate nucleus and substantia nigra by unilateral application of GABA in the cat thalamic motor nuclei	RANULFO ROMO TRUJILLO Chéramy A. Godeheu G. et al.	BRAIN RESEARCH	1984
157	Evidence for a dopaminergic innervation of the cat lateral habenula: its role in controlling serotonin transmission in the Basal ganglia	RANULFO ROMO TRUJILLO Reisine T.D. Soubrié P. et al.	BRAIN RESEARCH	1984
158	Effects of electrical stimulation of various midline thalamic nuclei on the bilateral release of dopamine from dendrites and nerve terminals of neurons in the nigro-striatal dopaminergic pathways	RANULFO ROMO TRUJILLO Chéramy A. Godeheu G. et al.	NEUROSCIENCE LETTERS	1984
159	Role of thalamic motor nuclei in bilateral regulation of serotonergic transmission in cat basal ganglia	RANULFO ROMO TRUJILLO Soubrie P. Glowinski J.	BRAIN RESEARCH	1984
160	GABA in the thalamic motor nuclei modulates dopamine release from the two dopaminergic nigrostriatal pathways in the cat	RANULFO ROMO TRUJILLO Chesselet M.F. Cheramy A. et al.	EXPERIMENTAL BRAIN RESEARCH	1983
161	Effects of unilateral electrical stimulation of various thalamic nuclei on the release of dopamine from dendrites and nerve terminals of neurons of the two nigrostriatal dopaminergic pathways	RANULFO ROMO TRUJILLO Chéramy A. Chesselet M.F. et al.	Neuroscience	1983
162	In vivo release of [3H]GABA in cat caudate nucleus and substantia nigra. I. Bilateral changes induced by a unilateral nigral application of muscimol	RANULFO ROMO TRUJILLO Kemel M.L. Gauchy C. et al.	BRAIN RESEARCH	1983
163	Effects of nigral application of muscimol on release of [3H]-aminobutyrate and on multi-unit activity in various cat thalamic nuclei	RANULFO ROMO TRUJILLO Gauchy C. Kemel M.L. et al.	Neuroscience	1983



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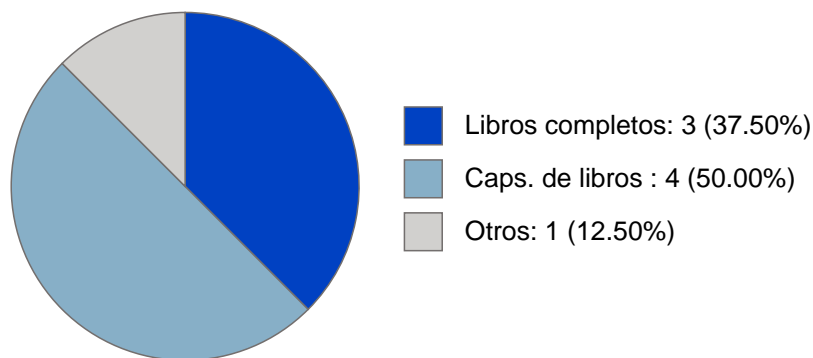


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164	GABA in the intralaminar thalamic nuclei modulates dopamine release from the two dopaminergic nigro-striatal pathways in the Cat	RANULFO ROMO TRUJILLO Chéramy A. Desban M. et al.	BRAIN RESEARCH BULLETIN	1983
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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Medir para saber	RANULFO ROMO TRUJILLO DIEGO VALADES RIOS LINDA ROSA MANZANILLA NAIM et al.	Libro Completo	2022	9786077244486
2	Premiados	JOSE RAMON COSSIO DIAZ VICENTE ROJO ALMAZAN RANULFO ROMO TRUJILLO	Libro Completo	2016	9786077241850
3	Control motor y cognición: propiedades emergentes de redes neuronales	RANULFO ROMO TRUJILLO	Libro Completo	2012	9786077240105
4	Role of Primary Somatosensory Cortex in Perceptual Touch Detection and Discrimination	RANULFO ROMO TRUJILLO ADRIAN HERNANDEZ ALVA VICTOR HUGO DE LAFUENTE FLORES et al.	Capítulo de un Libro	2010	9780123708809
5	Linear readout from a neural population with partial correlation data	RANULFO ROMO TRUJILLO Wohrer A. MacHens C.	Conferenc e Paper	2010	9781617823800



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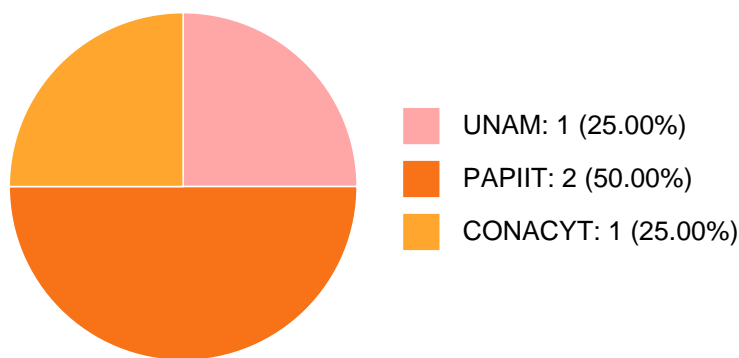


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6	Neural Codes for Perceptual Decisions	RANULFO ROMO TRUJILLO ADRIAN HERNANDEZ ALVA LUIS ALONSO LEMUS SANDOVAL et al.	Capítulo de un Libro	2009	9780199865253
7	Decoding the temporal evolution of a simple perceptual act	RANULFO ROMO TRUJILLO ADRIAN HERNANDEZ ALVA ANTONIO PAULINO ZAINOS ROSALES et al.	Capítulo de un Libro	2008	9780470034989
8	Probing the cortical evidence of somatosensory discrimination	RANULFO ROMO TRUJILLO ANTONIO PAULINO ZAINOS ROSALES LUIS ALONSO LEMUS SANDOVAL et al.	Capítulo de un Libro	2005	9780203508039

PARTICIPACIÓN EN PROYECTOS

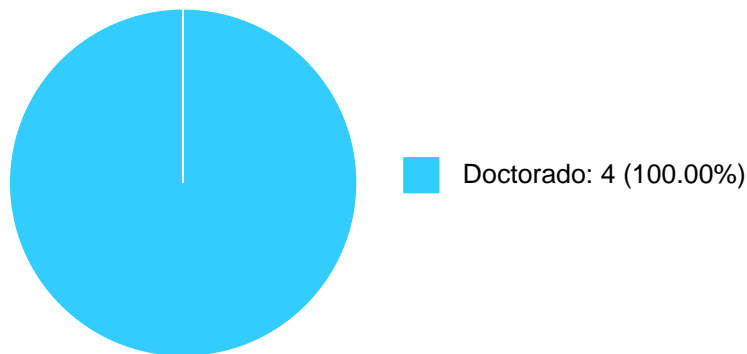
Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Códigos neurales en la percepción.	RANULFO ROMO TRUJILLO	Presupuesto de la UNAM asignado a la Dependencia	01-01-2008	31-12-2028
2	Correlatos neuronales asociados con la integración de estímulos vibrotáctiles y acústicos en el lóbulo frontal durante la toma de decisiones.	RANULFO ROMO TRUJILLO	Recursos CONACYT	05-06-2015	17-07-2019
3	¿Dónde y cómo en el cerebro las neuronas procesan más de una modalidad sensorial durante la toma de decisiones perceptuales?	RANULFO ROMO TRUJILLO	Recursos PAPIIT	01-01-2016	01-12-2018
4	Decodificación de información de más de una modalidad sensorial en las poblaciones neuronales del lóbulo frontal durante la toma de decisiones.	RANULFO ROMO TRUJILLO	Recursos PAPIIT	01-01-2019	31-12-2021

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Neuronas individuales de la corteza motora pre-suplementaria (PRE-SMA) codifican información de más de una modalidad sensorial durante la memoria de trabajo	Tesis de Doctorado	RANULFO ROMO TRUJILLO,	Vergara de la Fuente, José,	Instituto de Fisiología Celular,	2019
2	Actividad neuronal de la corteza cerebral asociada a la percepción de los atributos físicos de los estímulos vibro-táctiles	Tesis de Doctorado	RANULFO ROMO TRUJILLO,	Álvarez López, Jesús Manuel,	Instituto de Fisiología Celular,	2016
3	Correlatos neurales de la percepción en el tálamo somatosensorial	Tesis de Doctorado	JOSE BARGAS DIAZ,	GABRIEL GUTIERREZ OSPINA, RANULFO ROMO TRUJILLO, et al.	Facultad de Psicología, Instituto de Fisiología Celular, Instituto de Investigaciones Biomédicas,	2016



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4	Interacciones temporales entre las neuronas del núcleo ventral posterior del tálamo y la corteza somatosensorial primaria durante una tarea de detección de estímulos vibrotáctiles	Tesis de Doctorado	RANULFO ROMO TRUJILLO,	Vázquez Zúñiga, Yuriria,	Instituto de Fisiología Celular,	2013
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DOCENCIA IMPARTIDA

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

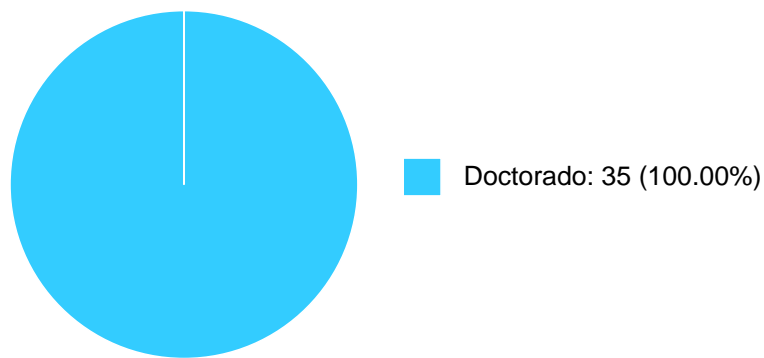
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TUTORIAS EN POSGRADO

Histórico de tutorías en posgrado



#	Entidad	Nivel	Plan de estudios	Año	Semestre
1	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2019	2019-2
2	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2019	2020-1
3	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2019	2019-2
4	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2019	2020-1
5	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2019	2019-2
6	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2019	2020-1
7	Instituto de Ecología	Doctorado	Doctorado en Ciencias Biomédicas	2017	2017-2
8	Instituto de Ecología	Doctorado	Doctorado en Ciencias Biomédicas	2017	2018-1
9	Instituto de Ecología	Doctorado	Doctorado en Ciencias Biomédicas	2016	2016-2
10	Instituto de Ecología	Doctorado	Doctorado en Ciencias Biomédicas	2016	2017-1
11	Instituto de Ecología	Doctorado	Doctorado en Ciencias Biomédicas	2015	2015-2
12	Instituto de Ecología	Doctorado	Doctorado en Ciencias Biomédicas	2015	2016-1
13	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2015	2015-2
14	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2015	2016-1
15	Instituto de Ecología	Doctorado	Doctorado en Ciencias Biomédicas	2014	2014-2
16	Instituto de Ecología	Doctorado	Doctorado en Ciencias Biomédicas	2014	2015-1



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17	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2014	2014-2
18	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2014	2015-1
19	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2013	2013-2
20	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2013	2014-1
21	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2013	2013-2
22	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2012	2012-2
23	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2012	2013-1
24	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2012	2012-2
25	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2012	2013-1
26	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2011	2011-2
27	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2011	2012-1
28	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2011	2011-2
29	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2011	2012-1
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31	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2010	2011-1
32	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2009	2009-2
33	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2009	2010-1
34	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2008	2008-2
35	Instituto de Fisiología Celular	Doctorado	Doctorado en Ciencias Biomédicas	2008	2009-1



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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	2008-2024
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2024
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2023
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

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