

Ricardo C Araneda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1786355/publications.pdf>

Version: 2024-02-01

41
papers

2,756
citations

257450

24
h-index

330143

37
g-index

43
all docs

43
docs citations

43
times ranked

2807
citing authors

#	ARTICLE	IF	CITATIONS
1	5-Hydroxytryptamine ₂ and 5-hydroxytryptamine _{1A} receptors mediate opposing responses on membrane excitability in rat association cortex. <i>Neuroscience</i> , 1991, 40, 399-412.	2.3	600
2	The molecular receptive range of an odorant receptor. <i>Nature Neuroscience</i> , 2000, 3, 1248-1255.	14.8	479
3	Protein kinase C modulates NMDA receptor trafficking and gating. <i>Nature Neuroscience</i> , 2001, 4, 382-390.	14.8	390
4	A pharmacological profile of the aldehyde receptor repertoire in rat olfactory epithelium. <i>Journal of Physiology</i> , 2004, 555, 743-756.	2.9	136
5	Disruption of centrifugal inhibition to olfactory bulb granule cells impairs olfactory discrimination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14777-14782.	7.1	114
6	Improved PeT Molecules for Optically Sensing Voltage in Neurons. <i>Journal of the American Chemical Society</i> , 2015, 137, 1817-1824.	13.7	100
7	Pharmacological and functional analysis of a novel serotonin receptor in the rat hippocampus. <i>European Journal of Pharmacology</i> , 1990, 182, 441-456.	3.5	75
8	Modulation of Dendritic Release of Dopamine by N-Methyl-D-Aspartate Receptors in Rat Substantia Nigra. <i>Journal of Neurochemistry</i> , 1989, 52, 962-970.	3.9	71
9	Adrenergic Enhancement of Inhibitory Transmission in the Accessory Olfactory Bulb. <i>Journal of Neuroscience</i> , 2006, 26, 3292-3298.	3.6	53
10	Differential Muscarinic Modulation in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2015, 35, 10773-10785.	3.6	51
11	Movement of magnetic nanoparticles in brain tissue: mechanisms and impact on normal neuronal function. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1821-1829.	3.3	48
12	A mechanism for combinatorial regulation of electrical activity: Potassium channel subunits capable of functioning as Src homology 3-dependent adaptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 705-710.	7.1	45
13	Selective Gene Expression by Postnatal Electroporation during Olfactory Interneuron Neurogenesis. <i>PLoS ONE</i> , 2008, 3, e1517.	2.5	45
14	Effects of polyamines on NMDA-induced currents in rat hippocampal neurons: A whole-cell and single-channel study. <i>Neuroscience Letters</i> , 1993, 152, 107-112.	2.1	41
15	Spermine and Arcaïne Block and Permeate N-Methyl-d-Aspartate Receptor Channels. <i>Biophysical Journal</i> , 1999, 76, 2899-2911.	0.5	39
16	AMPA receptor protein expression and function in astrocytes cultured from hippocampus. <i>Journal of Neuroscience Research</i> , 1999, 57, 557-571.	2.9	38
17	Excitatory Actions of Noradrenaline and Metabotropic Glutamate Receptor Activation in Granule Cells of the Accessory Olfactory Bulb. <i>Journal of Neurophysiology</i> , 2009, 102, 1103-1114.	1.8	37
18	Cholinergic Modulation of Neuronal Excitability in the Accessory Olfactory Bulb. <i>Journal of Neurophysiology</i> , 2010, 104, 2963-2974.	1.8	37

#	ARTICLE	IF	CITATIONS
19	Regulation of adult neurogenesis by behavior and age in the accessory olfactory bulb. <i>Molecular and Cellular Neurosciences</i> , 2011, 47, 274-285.	2.2	36
20	Glial hypothalamic inhibition of GLUT2 expression alters satiety, impacting eating behavior. <i>Glia</i> , 2018, 66, 592-605.	4.9	36
21	Adrenergic regulation of inhibition in the olfactory bulb. <i>Journal of Physiology</i> , 2013, 591, 1631-1643.	2.9	32
22	Detection of explosives by olfactory sensory neurons. <i>Journal of Hazardous Materials</i> , 2010, 175, 1096-1100.	12.4	31
23	Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels in Olfactory Sensory Neurons Regulate Axon Extension and Glomerular Formation. <i>Journal of Neuroscience</i> , 2010, 30, 16498-16508.	3.6	31
24	A mechanism for combinatorial regulation of electrical activity: Potassium channel subunits capable of functioning as Src homology 3-dependent adaptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 705-710.	7.1	30
25	Long-Range GABAergic Inhibition Modulates Spatiotemporal Dynamics of the Output Neurons in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2021, 41, 3610-3621.	3.6	22
26	Lactate activates hypothalamic POMC neurons by intercellular signaling. <i>Scientific Reports</i> , 2021, 11, 21644.	3.3	22
27	Mice Lacking M1 and M3 Muscarinic Acetylcholine Receptors Have Impaired Odor Discrimination and Learning. <i>Frontiers in Synaptic Neuroscience</i> , 2017, 9, 4.	2.5	21
28	Selective activation of G-protein coupled receptors by volatile anesthetics. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 506-512.	2.2	20
29	Hyperpolarization-Activated Currents and Subthreshold Resonance in Granule Cells of the Olfactory Bulb. <i>ENeuro</i> , 2016, 3, ENEURO.0197-16.2016.	1.9	17
30	Mutation of structural determinants lining the N-methyl-d-aspartate receptor channel differentially affects phencyclidine block and spermine potentiation and block. <i>Neuroscience</i> , 1999, 93, 125-134.	2.3	16
31	Olfaction on a chip. <i>Sensors and Actuators B: Chemical</i> , 2016, 235, 74-78.	7.8	14
32	The scents of androstenone in humans. <i>Journal of Physiology</i> , 2004, 554, 1-1.	2.9	7
33	Pharmacology of Mammalian Olfactory Receptors. <i>Methods in Molecular Biology</i> , 2013, 1003, 203-209.	0.9	7
34	Electrical Properties of Electrosensory Cells Isolated from Skate Ampulla of Lorenzini. <i>Biological Bulletin</i> , 1993, 185, 310-311.	1.8	5
35	Action Potentials that Go the Distance. <i>Neuron</i> , 2002, 34, 5-6.	8.1	2
36	Do olfactory receptors respond to explosives?. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
37	Activation of Microwave Signals in Nanoscale Magnetic Tunnel Junctions by Neuronal Action Potentials. IEEE Magnetics Letters, 2019, 10, 1-5.	1.1	1
38	Modulation and detection of single neuron activity using spin transfer nano-oscillators. , 2017, , .		1
39	GKRP-dependent modulation of feeding behavior by tanycyte-released monocarboxylates. Theranostics, 2022, 12, 1518-1536.	10.0	1
40	Image-guided Placement of Magnetic Neoparticles as a Potential High-Resolution Brain-Machine Interface. , 0, , .		0
41	Dissecting Neuronal Circuits Involved in Olfactory-Mediated Behaviors. Neuromethods, 2015, , 83-94.	0.3	0