

Jaime Eugenia

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,792
citations

471509

17
h-index

395702

33
g-index

39
all docs

39
docs citations

39
times ranked

2992
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of aged microglia on d-serine-regulated glutamatergic transmission. , 2021, , 227-236.		0
2	Plasticity of cardiovascular chemoreflexes after prolonged unilateral carotid body denervation: implications for its therapeutic use. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H1325-H1336.	3.2	2
3	TGF β 1-Smad3 signaling mediates the formation of a stable serine racemase dimer in microglia.. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2020, 1868, 140447.	2.3	3
4	d-serine regulation of the timing and architecture of the inspiratory burst in neonatal mice. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2020, 1868, 140484.	2.3	1
5	Phenotypic changes of microglia in adult mice brainstem induced by hypercapnia. IBRO Reports, 2019, 6, S386.	0.3	0
6	Scavenger Receptor-A deficiency impairs immune response of microglia and astrocytes potentiating Alzheimer's disease pathophysiology. Brain, Behavior, and Immunity, 2018, 69, 336-350.	4.1	39
7	Impact of Aging in Microglia-Mediated D-Serine Balance in the CNS. Mediators of Inflammation, 2018, 2018, 1-11.	3.0	18
8	What Is Neural Plasticity?. Advances in Experimental Medicine and Biology, 2017, 1015, 1-15.	1.6	83
9	D-serine released by astrocytes in brainstem regulates breathing response to CO ₂ levels. Nature Communications, 2017, 8, 838.	12.8	53
10	The Onset of the Fetal Respiratory Rhythm: An Emergent Property Triggered by Chemosensory Drive?. Advances in Experimental Medicine and Biology, 2017, 1015, 163-192.	1.6	4
11	Neurodevelopmental Effects of Serotonin on the Brainstem Respiratory Network. Advances in Experimental Medicine and Biology, 2017, 1015, 193-216.	1.6	4
12	Expression Pattern of Scavenger Receptors and Amyloid- β Phagocytosis of Astrocytes and Microglia in Culture are Modified by Acidosis: Implications for Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 53, 857-873.	2.6	31
13	Perinatal Fluoxetine Exposure Impairs the CO ₂ Chemoreflex. Implications for Sudden Infant Death Syndrome. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 368-376.	2.9	10
14	Microglial cell dysregulation in brain aging and neurodegeneration. Frontiers in Aging Neuroscience, 2015, 7, 124.	3.4	421
15	Role of TGF β signaling in the pathogenesis of Alzheimer's disease. Frontiers in Cellular Neuroscience, 2015, 9, 426.	3.7	121
16	Commentaries on Viewpoint: The ongoing need for good physiological investigation: Obstructive sleep apnea in HIV patients as a paradigm. Journal of Applied Physiology, 2015, 118, 247-250.	2.5	2
17	The Alteration of Neonatal Raphe Neurons by Prenatal "Perinatal Nicotine. Meaning for Sudden Infant Death Syndrome. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 489-499.	2.9	39
18	Prenatal nicotine exposure enhances Cx43 and Panx1 unopposed channel activity in brain cells of adult offspring mice fed a high-fat/cholesterol diet. Frontiers in Cellular Neuroscience, 2014, 8, 403.	3.7	33

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19	Functional expression of the $\alpha 7$ and $\alpha 4$ -containing nicotinic acetylcholine receptors on the neonatal rat carotid body. <i>Neurochemistry International</i> , 2012, 60, 115-124.	3.8	12
20	Alzheimer's Disease: Redox Dysregulation As a Common Denominator for Diverse Pathogenic Mechanisms. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 974-1031.	5.4	163
21	Aging-dependent changes of microglial cells and their relevance for neurodegenerative disorders. <i>Journal of Neurochemistry</i> , 2010, 112, 1099-1114.	3.9	211
22	Developmental Origin of PreBötzing Complex Respiratory Neurons. <i>Journal of Neuroscience</i> , 2010, 30, 14883-14895.	3.6	175
23	Optical analysis of circuitry for respiratory rhythm in isolated brainstem of foetal mice. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 2485-2491.	4.0	5
24	Alterations in cholinergic sensitivity of respiratory neurons induced by pre-natal nicotine: a mechanism for respiratory dysfunction in neonatal mice. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 2527-2535.	4.0	24
25	Respiratory dysfunctions induced by prenatal nicotine exposure. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 1205-1217.	1.9	41
26	Prenatal to Early Postnatal Nicotine Exposure Impairs Central Chemoreception and Modifies Breathing Pattern in Mouse Neonates: A Probable Link to Sudden Infant Death Syndrome. <i>Journal of Neuroscience</i> , 2008, 28, 13907-13917.	3.6	74
27	Pro-inflammatory conditions promote neuronal damage mediated by Amyloid Precursor Protein and decrease its phagocytosis and degradation by microglial cells in culture. <i>Neurobiology of Disease</i> , 2007, 26, 153-164.	4.4	45
28	Electrophysiological properties of rat nodose ganglion neurons co-transplanted with carotid bodies into the chick chorioallantoic membrane. <i>Biological Research</i> , 2005, 38, 329-34.	3.4	2
29	Somatostatin inhibition of fictive respiration is modulated by pH. <i>Brain Research</i> , 2004, 1026, 136-142.	2.2	16
30	Microglial reactivity to $\beta 2$ -amyloid is modulated by astrocytes and proinflammatory factors. <i>Brain Research</i> , 2004, 1025, 186-193.	2.2	88
31	Respiratory responses to pH in the absence of pontine and dorsal medullary areas in the newborn mouse in vitro. <i>Brain Research</i> , 2003, 984, 198-205.	2.2	14
32	pH Sensitivity of Spinal Cord Rhythm in Fetal Mice in Vitro. <i>Advances in Experimental Medicine and Biology</i> , 2003, 536, 535-539.	1.6	2
33	pH Sensitivity in the Isolated CNS of Newborn Mouse. <i>Advances in Experimental Medicine and Biology</i> , 2002, 475, 785-788.	1.6	2
34	In vitro approach to the chemical drive of breathing. <i>Biological Research</i> , 2001, 34, 117-22.	3.4	8
35	Chemosensory and cholinergic stimulation of fictive respiration in isolated CNS of neonatal opossum. <i>Journal of Physiology</i> , 1997, 501, 425-437.	2.9	38
36	Modelling the Peripheral Chemosensory Drive of Ventilation on Basis of Homogenous Sensory Units. <i>Advances in Experimental Medicine and Biology</i> , 1996, 410, 405-410.	1.6	0

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37	Central pH Chemosensitivity in the Newborn Opossum <i>Monodelphis Domestica</i> . <i>Advances in Experimental Medicine and Biology</i> , 1996, 410, 217-220.	1.6	0
38	Incorporation of amino acids into the axoplasm is enhanced by electrical stimulation of the fiber. <i>Brain Research</i> , 1995, 677, 319-325.	2.2	8