

# Jhon-Jairo Sutachan

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

860  
citations

759233

12  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1794  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of natural antioxidants in neurodegenerative disease. <i>Nutritional Neuroscience</i> , 2012, 15, 1-9.	3.1	222
2	Characterization of lymphoblast mitochondria from patients with Barth syndrome. <i>Laboratory Investigation</i> , 2005, 85, 823-830.	3.7	132
3	Cellular and molecular mechanisms of antioxidants in Parkinson's disease. <i>Nutritional Neuroscience</i> , 2012, 15, 120-126.	3.1	102
4	Glycosylation Affects Rat Kv1.1 Potassium Channel Gating by a Combined Surface Potential and Cooperative Subunit Interaction Mechanism. <i>Journal of Physiology</i> , 2003, 550, 51-66.	2.9	79
5	The glycosylation state of Kv1.2 potassium channels affects trafficking, gating, and simulated action potentials. <i>Brain Research</i> , 2007, 1144, 1-18.	2.2	66
6	Connexin-Mediated Functional and Metabolic Coupling Between Astrocytes and Neurons. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 118.	2.9	49
7	Mitochondrial Functional Changes Characterization in Young and Senescent Human Adipose Derived MSCs. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 299.	3.4	41
8	Differential regulation of proliferation and neuronal differentiation in adult rat spinal cord neural stem/progenitors by ERK1/2, Akt, and PLC $\beta$ 3. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 23.	2.9	29
9	Role of Connexins 30, 36, and 43 in Brain Tumors, Neurodegenerative Diseases, and Neuroprotection. <i>Cells</i> , 2020, 9, 846.	4.1	24
10	Muscle-conditioned media and cAMP promote survival and neurite outgrowth of adult spinal cord motor neurons. <i>Experimental Neurology</i> , 2009, 220, 303-315.	4.1	23
11	Effects of Kv1.1 channel glycosylation on C-type inactivation and simulated action potentials. <i>Brain Research</i> , 2005, 1058, 30-43.	2.2	21
12	Pluronic F-127 affects the regulation of cytoplasmic Ca <sup>2+</sup> in neuronal cells. <i>Brain Research</i> , 2006, 1068, 131-137.	2.2	14
13	Regulation of inhibitory neurotransmission by the scaffolding protein ankyrin repeat-rich membrane spanning/kinase interacting substrate of 220 kDa. <i>Journal of Neuroscience Research</i> , 2010, 88, 3447-3456.	2.9	12
14	Molecular Cloning and Expression of a Kv1.1-like Potassium Channel from the Electric Organ of <i>Electrophorus electricus</i> . <i>Journal of Membrane Biology</i> , 2003, 196, 1-8.	2.1	11
15	Isoflurane Inhibits Cyclic Adenosine Monophosphate Response Element-Binding Protein Phosphorylation and Calmodulin Translocation to the Nucleus of SH-SY5Y Cells. <i>Anesthesia and Analgesia</i> , 2009, 109, 1127-1134.	2.2	9
16	Cytoprotective action against oxidative stress in astrocytes and neurons by <i>Bactris guineensis</i> (L.) H.E. Moore (corozo) fruit extracts. <i>Food and Chemical Toxicology</i> , 2017, 109, 1010-1017.	3.6	8
17	Relationship between Functional Deficiencies and the Contribution of Myelin Nerve Fibers Derived from L-4, L-5, and L-6 Spinolumbar Branches in Adult Rat Sciatic Nerve. <i>Experimental Neurology</i> , 2002, 173, 266-274.	4.1	7
18	Transient increases in extracellular K <sup>+</sup> produce two pharmacological distinct cytosolic Ca <sup>2+</sup> transients. <i>Brain Research</i> , 2005, 1031, 174-184.	2.2	5

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19	Activation of BK Channel Contributes to PL-Induced Mesenchymal Stem Cell Migration. Frontiers in Physiology, 2020, 11, 210.	2.8	4
20	An anterograde degeneration study of the distribution of regenerating rat myelinated fibers in the silicone chamber model. Neuroscience Letters, 2000, 286, 17-20.	2.1	1
21	Pulses of extracellular K <sup>+</sup> produce two cytosolic Ca <sup>2+</sup> transients that display different temperature dependence and carbonyl cyanide m-chlorophenyl sensitivity in SH-SY5Y cells. Brain Research, 2008, 1213, 12-26.	2.2	1