

# Jorge Parodi

## List of Publications by Year in descending order

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38  
papers

1,124  
citations

567247

15  
h-index

395678

33  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wingless-type family member 5A (Wnt-5a) stimulates synaptic differentiation and function of glutamatergic synapses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21164-21169.	7.1	185
2	A $\beta$ -Amyloid Causes Depletion of Synaptic Vesicles Leading to Neurotransmission Failure. Journal of Biological Chemistry, 2010, 285, 2506-2514.	3.4	153
3	Synaptotoxicity of Alzheimer Beta Amyloid Can Be Explained by Its Membrane Perforating Property. PLoS ONE, 2010, 5, e11820.	2.5	134
4	Modulation of glycine-activated ion channel function by G-protein $\beta\gamma$ subunits. Nature Neuroscience, 2003, 6, 819-824.	14.8	94
5	Canonical Wnt3a Modulates Intracellular Calcium and Enhances Excitatory Neurotransmission in Hippocampal Neurons. Journal of Biological Chemistry, 2010, 285, 18939-18947.	3.4	62
6	Tetrahydroperforin prevents cognitive deficit, A $\beta$ deposition, tau phosphorylation and synaptotoxicity in the APP <sup>swE</sup> /PSEN1 <sup>E9</sup> model of Alzheimer's disease: a possible effect on APP processing. Translational Psychiatry, 2011, 1, e20-e20.	4.8	62
7	Pathogenicity of Lupus Anti- $\alpha$ -Ribosomal P Antibodies: Role of Cross-Reacting Neuronal Surface P Antigen in Glutamatergic Transmission and Plasticity in a Mouse Model. Arthritis and Rheumatology, 2015, 67, 1598-1610.	5.6	62
8	Inhibition of Nitrobenzylthioinosine-Sensitive Adenosine Transport by Elevated d-Glucose Involves Activation of P 2Y <sub>2</sub> Purinoceptors in Human Umbilical Vein Endothelial Cells. Circulation Research, 2002, 90, 570-577.	4.5	59
9	Rapid Stimulation of $\alpha$ -Arginine Transport by d-Glucose Involves p42/44 $\text{mapk}$ and Nitric Oxide in Human Umbilical Vein Endothelium. Circulation Research, 2003, 92, 64-72.	4.5	52
10	Wnt-5a Is a Synaptogenic Factor with Neuroprotective Properties against A $\beta$ Toxicity. Neurodegenerative Diseases, 2012, 10, 23-26.	1.4	30
11	Modulation of adenosine transport by insulin in human umbilical artery smooth muscle cells from normal or gestational diabetic pregnancies. Journal of Physiology, 2001, 534, 243-254.	2.9	25
12	Motility, viability, and calcium in the sperm cells. Systems Biology in Reproductive Medicine, 2014, 60, 65-71.	2.1	25
13	Ethanol Reduces Amyloid Aggregation In Vitro and Prevents Toxicity in Cell Lines. Archives of Medical Research, 2013, 44, 1-7.	3.3	24
14	The GABA(A) $\alpha$ receptors in hippocampal spontaneous activity and their distribution in hippocampus, amygdala and visual cortex. Neuroscience Letters, 2011, 500, 20-25.	2.1	18
15	Amyloid pore-channel hypothesis: effect of ethanol on aggregation state using frog oocytes for an Alzheimer's disease study. BMB Reports, 2015, 48, 13-18.	2.4	16
16	Wnt5a inhibits K <sup>+</sup> currents in hippocampal synapses through nitric oxide production. Molecular and Cellular Neurosciences, 2015, 68, 314-322.	2.2	15
17	Hybrid porous silicon/green synthesized Ag microparticles as potential carries for Ag nanoparticles and drug delivery. Materials Science and Engineering C, 2020, 116, 111183.	7.3	13
18	Tetraethylammonium-Sensitive K <sup>+</sup> Current in the Bovine Spermatozoa and its Blocking by the Venom of the Chilean <i>Latrodectus mactans</i> . Systems Biology in Reproductive Medicine, 2010, 56, 37-43.	2.1	11

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19	Water contaminated with <i>Didymosphenia geminata</i> generates changes in <i>Salmo salar</i> spermatozoa activation times. <i>Aquatic Toxicology</i> , 2015, 163, 102-108.	4.0	11
20	Synaptic effects of low molecular weight components from Chilean Black Widow spider venom. <i>NeuroToxicology</i> , 2008, 29, 1121-1126.	3.0	8
21	Some effects of the venom of the Chilean spider <i>Latrodectus mactans</i> on endogenous ion-currents of <i>Xenopus laevis</i> oocytes. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 571-575.	2.1	8
22	Venom of the Chilean <i>Latrodectus mactans</i> Alters Bovine Spermatozoa Calcium and Function by Blocking the TEA-sensitive $K^{+}$ Current. <i>Systems Biology in Reproductive Medicine</i> , 2010, 56, 303-310.	2.1	8
23	Fish Nutrition Additives in SHK-1 Cells: Protective Effects of Silymarin. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2016, 07, 55-62.	0.7	6
24	S-Methylcysteine may be a Causal Factor in Monohalomethane Neurotoxicity. <i>NeuroToxicology</i> , 2004, 25, 817-823.	3.0	5
25	Functional and Structural Effects of Amyloid- $\beta^2$ Aggregate on <i>Xenopus laevis</i> Oocytes. <i>Molecules and Cells</i> , 2012, 34, 349-356.	2.6	5
26	A synergy of the nutritional additives taurine and silymarin in salmon farming: evaluation with the CHSE-214 cellular model. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 945-952.	2.3	5
27	Example Use of Low-Cost System for Capturing the Kinetic Parameters of Sperm Cells in Atlantic Salmon ( <i>Salmo salar</i> ). <i>Advances in Bioscience and Biotechnology (Print)</i> , 2015, 06, 63-72.	0.7	5
28	Polyphenols obtained from <i>Didymosphenia geminata</i> (Lyngbye) Schmidt altered the viability and proliferation of salmonids cells lines SHK-1 and CHSE-214. <i>Aquatic Toxicology</i> , 2019, 211, 141-147.	4.0	4
29	Aguas Profundas, un Efecto en la Temperatura para el Manejo de Caligidosis en el Salmón del Atlántico ( <i>Salmo salar</i> ). <i>Revista De Investigaciones Veterinarias Del Peru</i> , 2017, 28, 33.	0.1	4
30	Laboratory Handling of <i>Didymosphenia geminata</i> (Lyngbye) Schmidt and the Effect of Control Efforts on Viability. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2015, 06, 508-516.	0.7	4
31	Pore-Forming Neurotoxin-Like Mechanism for $A\beta^2$ Oligomer-Induced Synaptic Failure. , 2009, , 13-21.		2
32	Nucleotides and Effect Over Starving Condition on Fish SHK-1 Cells Model. <i>Journal of Aquaculture Research &amp; Development</i> , 2016, 7, .	0.4	2
33	Polyphenols extracts from <i>Didymosphenia geminata</i> (Lyngbye) Schmidt altered the motility and viability of <i>Daphnia magna</i> . <i>Aquatic Ecology</i> , 2022, 56, 35-45.	1.5	2
34	Aditivos Mucogástricos para el Control de <i>Caligus rogercresseyi</i> en Salmón del Atlántico ( <i>Salmo</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	2
35	Mat thickness associated with <i>Didymosphenia geminata</i> and <i>Cymbella</i> spp. in the southern rivers of Chile. <i>PeerJ</i> , 2019, 7, e6481.	2.0	1
36	Something Old, Something New and Something Used in Alzheimer's; the Idea of Pore, Ethanol and the Use of Oocytes to Understand the Disease. <i>Current Chemical Biology</i> , 2019, 13, 105-109.	0.5	1

#	ARTICLE	IF	CITATIONS
37	A low-cost system for the study of proteins used in salmonid diets, use of proteolysis to determine the quality. LWT - Food Science and Technology, 2022, 165, 113706.	5.2	1
38	A low-cost screening system for kinetic analysis of Caligus rogercresseyi : New focus on pharmacological study of caligidosis disease. Aquaculture Research, 2021, 52, 5931.	1.8	0