

Claudio Acuña-Castillo

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,156
citations

361045

20
h-index

433756

31
g-index

55
all docs

55
docs citations

55
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroendocrine mechanisms for immune system regulation during stress in fish. <i>Fish and Shellfish Immunology</i> , 2014, 40, 531-538.	1.6	123
2	Zinc and Copper Modulate Differentially the P2X4 Receptor. <i>Journal of Neurochemistry</i> , 2002, 74, 1529-1537.	2.1	85
3	Differential role of extracellular histidines in copper, zinc, magnesium and proton modulation of the P2X7 purinergic receptor. <i>Journal of Neurochemistry</i> , 2006, 101, 17-26.	2.1	72
4	Differences in potency and efficacy of a series of phenylisopropylamine/phenylethylamine pairs at 5-HT2A and 5-HT2C receptors. <i>British Journal of Pharmacology</i> , 2002, 136, 510-519.	2.7	69
5	Neural reflex regulation of systemic inflammation: potential new targets for sepsis therapy. <i>Frontiers in Physiology</i> , 2014, 5, 489.	1.3	50
6	Dissecting the Facilitator and Inhibitor Allosteric Metal Sites of the P2X4 Receptor Channel. <i>Journal of Biological Chemistry</i> , 2007, 282, 36879-36886.	1.6	40
7	Lipopolysaccharide signaling in the carotid chemoreceptor pathway of rats with sepsis syndrome. <i>Respiratory Physiology and Neurobiology</i> , 2011, 175, 336-348.	0.7	38
8	Induction of anti-inflammatory cytokine expression by IPNV in persistent infection. <i>Fish and Shellfish Immunology</i> , 2014, 41, 172-182.	1.6	38
9	Regulatory T Cells Are Locally Induced during Intravaginal Infection of Mice with <i>Neisseria gonorrhoeae</i> . <i>Infection and Immunity</i> , 2008, 76, 5456-5465.	1.0	36
10	<i>Neisseria gonorrhoeae</i> Modulates Immunity by Polarizing Human Macrophages to a M2 Profile. <i>PLoS ONE</i> , 2015, 10, e0130713.	1.1	34
11	Heavy metals modulate the activity of the purinergic P2X4 receptor. <i>Toxicology and Applied Pharmacology</i> , 2005, 202, 121-131.	1.3	31
12	Reactive Oxygen Species Potentiate the P2X2 Receptor Activity through Intracellular Cys430. <i>Journal of Neuroscience</i> , 2009, 29, 12284-12291.	1.7	31
13	Sepsis progression to multiple organ dysfunction in carotid chemo/baro-denervated rats treated with lipopolysaccharide. <i>Journal of Neuroimmunology</i> , 2015, 278, 44-52.	1.1	31
14	P2X7 Receptor at the Crossroads of T Cell Fate. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4937.	1.8	31
15	Purinergic Signaling as a Regulator of Th17 Cell Plasticity. <i>PLoS ONE</i> , 2016, 11, e0157889.	1.1	30
16	The Rapid Antigen Detection Test for SARS-CoV-2 Underestimates the Identification of COVID-19 Positive Cases and Compromises the Diagnosis of the SARS-CoV-2 (K417N/T, E484K, and N501Y) Variants. <i>Frontiers in Public Health</i> , 2021, 9, 780801.	1.3	29
17	Metabolic Syndrome and Antipsychotics: The Role of Mitochondrial Fission/Fusion Imbalance. <i>Frontiers in Endocrinology</i> , 2018, 9, 144.	1.5	24
18	Serum from aged F344 rats conditions the activation of young macrophages. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 257-263.	2.2	23

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19	Formation of carnosine-Cu(II) complexes prevents and reverts the inhibitory action of copper in P2X4 and P2X7 receptors. <i>Journal of Neurochemistry</i> , 2002, 80, 626-633.	2.1	22
20	Macrophage-Neisseria gonorrhoeae Interactions: A Better Understanding of Pathogen Mechanisms of Immunomodulation. <i>Frontiers in Immunology</i> , 2018, 9, 3044.	2.2	22
21	Tolerogenic Dendritic Cells Derived from Donors with Natural Rubber Latex Allergy Modulate Allergen-Specific T-Cell Responses and IgE Production. <i>PLoS ONE</i> , 2014, 9, e85930.	1.1	22
22	Oxidative Damage in Lymphocytes of Copper Smelter Workers Correlated to Higher Levels of Excreted Arsenic. <i>Mediators of Inflammation</i> , 2010, 2010, 1-8.	1.4	21
23	<i>Neisseria gonorrhoeae</i> Induces a Tolerogenic Phenotype in Macrophages to Modulate Host Immunity. <i>Mediators of Inflammation</i> , 2013, 2013, 1-9.	1.4	19
24	T-kininogen, a cystatin-like molecule, inhibits ERK-dependent lymphocyte proliferation. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 1284-1291.	2.2	18
25	PGC-1 α -Dependent Mitochondrial Adaptation Is Necessary to Sustain IL-2-Induced Activities in Human NK Cells. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	1.4	16
26	The release of sympathetic neurotransmitters is impaired in aged rats after an inflammatory stimulus: A possible link between cytokine production and sympathetic transmission. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 728-734.	2.2	13
27	Pharmacological dissection of the cellular mechanisms associated to the spontaneous and the mechanically stimulated ATP release by mesentery endothelial cells: roles of thrombin and TRPV. <i>Purinergic Signalling</i> , 2018, 14, 121-139.	1.1	13
28	Chitosan-Based Nanoparticles for Intracellular Delivery of ISAV Fusion Protein cDNA into Melanoma Cells: A Path to Develop Oncolytic Anticancer Therapies. <i>Mediators of Inflammation</i> , 2020, 2020, 1-13.	1.4	13
29	Diminished Acute Phase Response and Increased Hepatic Inflammation of Aged Rats in Response to Intraperitoneal Injection of Lipopolysaccharide. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008, 63, 1299-1306.	1.7	12
30	Endocytosis and MHC class II expression by human oviductal epithelium according to stage of the menstrual cycle. <i>Human Reproduction</i> , 1998, 13, 1163-1168.	0.4	11
31	Analysis by real-time PCR of five transport and conservation mediums of nasopharyngeal swab samples to COVID-19 diagnosis in Santiago of Chile. <i>Journal of Medical Virology</i> , 2022, 94, 1167-1174.	2.5	11
32	Increased Kinin Levels and Decreased Responsiveness to Kinins During Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 984-990.	1.7	10
33	T-kininogen induces endothelial cell proliferation. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 282-289.	2.2	10
34	Polymyxin B increases the depletion of T regulatory cell induced by purinergic agonist. <i>Immunobiology</i> , 2012, 217, 307-315.	0.8	10
35	Defect in ERK2 and p54JNK Activation in Aging Mouse Splenocytes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2002, 57, B41-B47.	1.7	9
36	The Analysis of Live-Attenuated <i>Piscirickettsia salmonis</i> Vaccine Reveals the Short-Term Upregulation of Innate and Adaptive Immune Genes in Atlantic Salmon (<i>Salmo salar</i>): An In Situ Open-Sea Cages Study. <i>Microorganisms</i> , 2021, 9, 703.	1.6	9

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37	T-kininogen inhibits kinin-mediated activation of ERK in endothelial cells. <i>Biological Research</i> , 2002, 35, 287-94.	1.5	9
38	T-Kininogen: A Biomarker of Aging in Fisher 344 Rats With Possible Implications for the Immune Response. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 641-649.	1.7	8
39	Lipopolysaccharide Inhibits the Channel Activity of the P2X7 Receptor. <i>Mediators of Inflammation</i> , 2011, 2011, 1-12.	1.4	7
40	T-kininogen can either induce or inhibit proliferation in Balb/c 3T3 fibroblasts, depending on the route of administration. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 399-406.	2.2	6
41	ATP Induces IL-1 β Secretion in <i>Neisseria gonorrhoeae</i> -Infected Human Macrophages by a Mechanism Not Related to the NLRP3/ASC/Caspase-1 Axis. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	1.4	6
42	Dead Tumor Cells Expressing Infectious Salmon Anemia Virus Fusogenic Protein Favor Antigen Cross-Priming In Vitro. <i>Frontiers in Immunology</i> , 2017, 8, 1170.	2.2	6
43	Chitosan-Based Delivery of Avian Reovirus Fusogenic Protein p10 Gene: <i>In Vitro</i> and <i>In Vivo</i> Studies towards a New Vaccine against Melanoma. <i>BioMed Research International</i> , 2020, 2020, 1-11.	0.9	6
44	Neural Reflex Control of Inflammation During Sepsis Syndromes. , 0, , .		6
45	<i>Lithraea caustica</i> (Litre) Extract Promotes an Antitumor Response Against B16 Melanoma. <i>Frontiers in Pharmacology</i> , 2019, 10, 1201.	1.6	4
46	Lipopolysaccharide-Induced Ionized Hypocalcemia and Acute Kidney Injury in Carotid Chemo/Baro-Denervated Rats. <i>Advances in Experimental Medicine and Biology</i> , 2015, 860, 161-166.	0.8	4
47	The Comparative Analysis of Two RT-qPCR Kits for Detecting SARS-CoV-2 Reveals a Higher Risk of False-Negative Diagnosis in Samples with High Quantification Cycles for Viral and Internal Genes. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2022, 2022, 1-10.	0.7	4
48	ALEPH-2, a suspected anxiolytic and putative hallucinogenic phenylisopropylamine derivative, is a 5-HT $_{2a}$ and 5-HT $_{2c}$ receptor agonist. <i>Life Sciences</i> , 2000, 67, 3241-3247.	2.0	3
49	P2X7 receptor is essential for cross-dressing of bone marrow-derived dendritic cells. <i>IScience</i> , 2021, 24, 103520.	1.9	3
50	Adenosine triphosphate, polymyxin B and B16 cell-derived immunization induce anticancer response. <i>Immunotherapy</i> , 2021, 13, 309-326.	1.0	2
51	First Identification of Reinfection by a Genetically Different Variant of SARS-CoV-2 in a Homeless Person from the Metropolitan Area of Santiago, Chile. <i>Journal of Environmental and Public Health</i> , 2022, 2022, 1-6.	0.4	2
52	In Vivo Antitumor Effect against Murine Cells of CT26 Colon Cancer and EL4 Lymphoma by Autologous Whole Tumor Dead Cells. <i>BioMed Research International</i> , 2021, 2021, 1-16.	0.9	1
53	Anthocyanins from <i>Aristotelia chilensis</i> Prevent Olanzapine-Induced Hepatic-Lipid Accumulation but Not Insulin Resistance in Skeletal Muscle Cells. <i>Molecules</i> , 2021, 26, 6149.	1.7	1