

Luiz Eduardo Baggio Savio

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,407
citations

430874

18
h-index

361022

35
g-index

54
all docs

54
docs citations

54
times ranked

2016
citing authors

#	ARTICLE	IF	CITATIONS
1	The P2X7 Receptor in Inflammatory Diseases: Angel or Demon?. <i>Frontiers in Pharmacology</i> , 2018, 9, 52.	3.5	307
2	CD39 limits P2X7 receptor inflammatory signaling and attenuates sepsis-induced liver injury. <i>Journal of Hepatology</i> , 2017, 67, 716-726.	3.7	122
3	Multifaceted Effects of Extracellular Adenosine Triphosphate and Adenosine in the Tumor-Host Interaction and Therapeutic Perspectives. <i>Frontiers in Immunology</i> , 2017, 8, 1526.	4.8	74
4	The role of p2x7 receptor in infectious inflammatory diseases and the influence of ectonucleotidases. <i>Biomedical Journal</i> , 2014, 37, 169.	3.1	69
5	Secondary metabolism in micropropagated <i>Hypericum perforatum</i> L. grown in non-aerated liquid medium. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 108, 465-472.	2.3	68
6	Mild Hyperhomocysteinemia Increases Brain Acetylcholinesterase and Proinflammatory Cytokine Levels in Different Tissues. <i>Molecular Neurobiology</i> , 2014, 50, 589-596.	4.0	45
7	P2X7 receptor promotes intestinal inflammation in chemically induced colitis and triggers death of mucosal regulatory T cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1183-1194.	3.8	45
8	P2X7 Receptor Signaling Contributes to Sepsis-Associated Brain Dysfunction. <i>Molecular Neurobiology</i> , 2017, 54, 6459-6470.	4.0	41
9	Hyperthermia and associated changes in membrane fluidity potentiate P2X7 activation to promote tumor cell death. <i>Oncotarget</i> , 2017, 8, 67254-67268.	1.8	40
10	Behavioral changes induced by long-term proline exposure are reversed by antipsychotics in zebrafish. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 36, 258-263.	4.8	38
11	Purinergic signaling in the modulation of redox biology. <i>Redox Biology</i> , 2021, 47, 102137.	9.0	36
12	Inflammatory early events associated to the role of P2X7 receptor in acute murine toxoplasmosis. <i>Immunobiology</i> , 2017, 222, 676-683.	1.9	31
13	Purinergic signaling in infectious diseases of the central nervous system. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 480-490.	4.1	30
14	Long-Term Methionine Exposure Induces Memory Impairment on Inhibitory Avoidance Task and Alters Acetylcholinesterase Activity and Expression in Zebrafish (<i>Danio rerio</i>). <i>Neurochemical Research</i> , 2012, 37, 1545-1553.	3.3	29
15	The role of the P2X7 receptor in murine cutaneous leishmaniasis: aspects of inflammation and parasite control. <i>Purinergic Signalling</i> , 2017, 13, 143-152.	2.2	29
16	Immunomodulatory effects of P2X7 receptor in intracellular parasite infections. <i>Current Opinion in Pharmacology</i> , 2019, 47, 53-58.	3.5	28
17	Purinergic signalling in host innate immune defence against intracellular pathogens. <i>Biochemical Pharmacology</i> , 2021, 187, 114405.	4.4	21
18	Potential role of P2X7R in esophageal squamous cell carcinoma proliferation. <i>Purinergic Signalling</i> , 2017, 13, 279-292.	2.2	20

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19	MK-801 alters Na ⁺ , K ⁺ -ATPase activity and oxidative status in zebrafish brain: reversal by antipsychotic drugs. <i>Journal of Neural Transmission</i> , 2012, 119, 661-667.	2.8	19
20	The effect of exercise on the oxidative stress induced by experimental lung injury. <i>Life Sciences</i> , 2013, 92, 218-227.	4.3	19
21	Purinergic signaling in infection and autoimmune disease. <i>Biomedical Journal</i> , 2016, 39, 304-305.	3.1	18
22	Innate immune memory mediates increased susceptibility to Alzheimer's disease-like pathology in sepsis surviving mice. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 287-298.	4.1	18
23	P2X7 receptor deletion attenuates oxidative stress and liver damage in sepsis. <i>Purinergic Signalling</i> , 2020, 16, 561-572.	2.2	17
24	Nucleoside triphosphate diphosphohydrolases role in the pathophysiology of cognitive impairment induced by seizure in early age. <i>Neuroscience</i> , 2011, 180, 191-200.	2.3	16
25	Adenosine A2A receptor agonist (CGS-21680) prevents endotoxin-induced effects on nucleotidase activities in mouse lymphocytes. <i>European Journal of Pharmacology</i> , 2011, 651, 212-217.	3.5	16
26	Macrophage P2X7 Receptor Function Is Reduced during Schistosomiasis: Putative Role of TGF- β 1. <i>Mediators of Inflammation</i> , 2014, 2014, 1-12.	3.0	16
27	P2X7 receptor-mediated leukocyte recruitment and <i>Porphyromonas gingivalis</i> clearance requires IL-1 β production and autocrine IL-1 receptor activation. <i>Immunobiology</i> , 2019, 224, 50-59.	1.9	16
28	P2X7 receptor activation increases caveolin-1 expression and macrophage lipid raft formation boosting CD39 activity. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	15
29	Increased expression of NTPDases 2 and 3 in mesenteric endothelial cells during schistosomiasis favors leukocyte adhesion through P2Y1 receptors. <i>Vascular Pharmacology</i> , 2016, 82, 66-72.	2.1	13
30	Disruption of Purinergic Receptor P2X7 Signaling Increases Susceptibility to Cerebral Toxoplasmosis. <i>American Journal of Pathology</i> , 2019, 189, 730-738.	3.8	13
31	Creatine supplementation impairs airway inflammation in an experimental model of asthma involving P2 A_7 receptor. <i>European Journal of Immunology</i> , 2019, 49, 928-939.	2.9	12
32	Mild hyperhomocysteinemia reduces the activity and immunocontent, but does not alter the gene expression, of catalytic α subunits of cerebral Na ⁺ ,K ⁺ -ATPase. <i>Molecular and Cellular Biochemistry</i> , 2013, 378, 91-97.	3.1	11
33	Intralesional uridine-5 α -triphosphate (UTP) treatment induced resistance to <i>Leishmania amazonensis</i> infection by boosting Th1 immune responses and reactive oxygen species production. <i>Purinergic Signalling</i> , 2018, 14, 201-211.	2.2	11
34	Methionine Exposure Alters Glutamate Uptake and Adenine Nucleotide Hydrolysis in the Zebrafish Brain. <i>Molecular Neurobiology</i> , 2016, 53, 200-209.	4.0	10
35	Ectonucleotidase Modulation of Lymphocyte Function in Gut and Liver. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 621760.	3.7	10
36	Targeting Purinergic Signaling in the Dynamics of Disease Progression in Sepsis. <i>Frontiers in Pharmacology</i> , 2020, 11, 626484.	3.5	9

#	ARTICLE	IF	CITATIONS
37	Ectonucleotidases in Immunobiology. , 2016, , 424-431.		9
38	Hyperhomocysteinemia alters cytokine gene expression, cytochrome c oxidase activity and oxidative stress in striatum and cerebellum of rodents. Life Sciences, 2021, 277, 119386.	4.3	8
39	Endotoxin-induced effects on nucleotide catabolism in mouse kidney. European Journal of Pharmacology, 2012, 674, 422-429.	3.5	7
40	P2Y2 Receptor Induces L. amazonensis Infection Control in a Mechanism Dependent on Caspase-1 Activation and IL-1 β Secretion. Mediators of Inflammation, 2020, 2020, 1-11.	3.0	7
41	Mild hyperhomocysteinemia alters extracellular adenine metabolism in rat brain. Neuroscience, 2012, 223, 28-34.	2.3	6
42	Chronic mild hyperhomocysteinemia alters ectonucleotidase activities and gene expression of ecto-5 β -nucleotidase/CD73 in rat lymphocytes. Molecular and Cellular Biochemistry, 2012, 362, 187-194.	3.1	6
43	Proline-induced changes in acetylcholinesterase activity and gene expression in zebrafish brain: Reversal by antipsychotic drugs. Neuroscience, 2013, 250, 121-128.	2.3	6
44	P2X7 Receptor Triggers Lysosomal Leakage Through Calcium Mobilization in a Mechanism Dependent on Pannexin-1 Hemichannels. Frontiers in Immunology, 2022, 13, 752105.	4.8	5
45	Long-term proline exposure alters nucleotide catabolism and ectonucleotidase gene expression in zebrafish brain. Metabolic Brain Disease, 2012, 27, 541-549.	2.9	4
46	Purinergic signaling: A new front-line determinant of resistance and susceptibility in leishmaniasis. Biomedical Journal, 2021, , .	3.1	4
47	Folic acid supplementation during pregnancy alters behavior in male rat offspring: nitrate stress and neuroinflammatory implications. Molecular Neurobiology, 2022, 59, 2150-2170.	4.0	4
48	Rivastigmine Reverses the Decrease in Synapsin and Memory Caused by Homocysteine: Is There Relation to Inflammation?. Molecular Neurobiology, 2022, 59, 4517-4534.	4.0	4
49	Endotoxemia alters nucleotide hydrolysis in platelets of rats. Platelets, 2009, 20, 83-89.	2.3	3
50	Editorial: Extracellular Nucleotides in Lymphocyte Function. Frontiers in Cell and Developmental Biology, 2022, 10, 892303.	3.7	1
51	P2X receptors in the balance between inflammation and pathogen control in sepsis. Purinergic Signalling, 0, , .	2.2	0