

# 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	Folic acid supplementation during pregnancy alters behavior in male rat offspring: nitrate stress and neuroinflammatory implications. <i>Molecular Neurobiology</i> , 2022, 59, 2150-2170.	4.0	4
2	P2X7 Receptor Triggers Lysosomal Leakage Through Calcium Mobilization in a Mechanism Dependent on Pannexin-1 Hemichannels. <i>Frontiers in Immunology</i> , 2022, 13, 752105.	4.8	5
3	Editorial: Extracellular Nucleotides in Lymphocyte Function. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 892303.	3.7	1
4	Rivastigmine Reverses the Decrease in Synapsin and Memory Caused by Homocysteine: Is There Relation to Inflammation?. <i>Molecular Neurobiology</i> , 2022, 59, 4517-4534.	4.0	4
5	Purinergic signalling in host innate immune defence against intracellular pathogens. <i>Biochemical Pharmacology</i> , 2021, 187, 114405.	4.4	21
6	Purinergic signaling: A new front-line determinant of resistance and susceptibility in leishmaniasis. <i>Biomedical Journal</i> , 2021, .	3.1	4
7	Hyperhomocysteinemia alters cytokine gene expression, cytochrome c oxidase activity and oxidative stress in striatum and cerebellum of rodents. <i>Life Sciences</i> , 2021, 277, 119386.	4.3	8
8	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
9	Purinergic signaling in the modulation of redox biology. <i>Redox Biology</i> , 2021, 47, 102137.	9.0	36
10	P2Y2 Receptor Induces L. amazonensis Infection Control in a Mechanism Dependent on Caspase-1 Activation and IL-1 $\beta$ Secretion. <i>Mediators of Inflammation</i> , 2020, 2020, 1-11.	3.0	7
11	P2X7 receptor deletion attenuates oxidative stress and liver damage in sepsis. <i>Purinergic Signalling</i> , 2020, 16, 561-572.	2.2	17
12	Purinergic signaling in infectious diseases of the central nervous system. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 480-490.	4.1	30
13	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
14	Ectonucleotidase Modulation of Lymphocyte Function in Gut and Liver. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 621760.	3.7	10
15	Targeting Purinergic Signaling in the Dynamics of Disease Progression in Sepsis. <i>Frontiers in Pharmacology</i> , 2020, 11, 626484.	3.5	9
16	Creatine supplementation impairs airway inflammation in an experimental model of asthma involving P2 $\text{Y}_7$ receptor. <i>European Journal of Immunology</i> , 2019, 49, 928-939.	2.9	12
17	Immunomodulatory effects of P2X7 receptor in intracellular parasite infections. <i>Current Opinion in Pharmacology</i> , 2019, 47, 53-58.	3.5	28
18	Disruption of Purinergic Receptor P2X7 Signaling Increases Susceptibility to Cerebral Toxoplasmosis. <i>American Journal of Pathology</i> , 2019, 189, 730-738.	3.8	13

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19	P2X7 receptor-mediated leukocyte recruitment and Porphyromonas gingivalis clearance requires IL-1 $\beta$ production and autocrine IL-1 receptor activation. Immunobiology, 2019, 224, 50-59.	1.9	16
20	Intralesional uridine-5 $\alpha$ -triphosphate (UTP) treatment induced resistance to Leishmania amazonensis infection by boosting Th1 immune responses and reactive oxygen species production. Purinergic Signalling, 2018, 14, 201-211.	2.2	11
21	The P2X7 Receptor in Inflammatory Diseases: Angel or Demon?. Frontiers in Pharmacology, 2018, 9, 52.	3.5	307
22	Inflammatory early events associated to the role of P2X7 receptor in acute murine toxoplasmosis. Immunobiology, 2017, 222, 676-683.	1.9	31
23	Potential role of P2X7R in esophageal squamous cell carcinoma proliferation. Purinergic Signalling, 2017, 13, 279-292.	2.2	20
24	CD39 limits P2X7 receptor inflammatory signaling and attenuates sepsis-induced liver injury. Journal of Hepatology, 2017, 67, 716-726.	3.7	122
25	P2X7 receptor promotes intestinal inflammation in chemically induced colitis and triggers death of mucosal regulatory T cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1183-1194.	3.8	45
26	The role of the P2X7 receptor in murine cutaneous leishmaniasis: aspects of inflammation and parasite control. Purinergic Signalling, 2017, 13, 143-152.	2.2	29
27	P2X7 Receptor Signaling Contributes to Sepsis-Associated Brain Dysfunction. Molecular Neurobiology, 2017, 54, 6459-6470.	4.0	41
28	Multifaceted Effects of Extracellular Adenosine Triphosphate and Adenosine in the Tumor-Host Interaction and Therapeutic Perspectives. Frontiers in Immunology, 2017, 8, 1526.	4.8	74
29	Hyperthermia and associated changes in membrane fluidity potentiate P2X7 activation to promote tumor cell death. Oncotarget, 2017, 8, 67254-67268.	1.8	40
30	Purinergic signaling in infection and autoimmune disease. Biomedical Journal, 2016, 39, 304-305.	3.1	18
31	Methionine Exposure Alters Glutamate Uptake and Adenine Nucleotide Hydrolysis in the Zebrafish Brain. Molecular Neurobiology, 2016, 53, 200-209.	4.0	10
32	Increased expression of NTPDases 2 and 3 in mesenteric endothelial cells during schistosomiasis favors leukocyte adhesion through P2Y1 receptors. Vascular Pharmacology, 2016, 82, 66-72.	2.1	13
33	Ectonucleotidases in Immunobiology. , 2016, , 424-431.		9
34	Macrophage P2X7 Receptor Function Is Reduced during Schistosomiasis: Putative Role of TGF- $\beta$ 1. Mediators of Inflammation, 2014, 2014, 1-12.	3.0	16
35	Mild Hyperhomocysteinemia Increases Brain Acetylcholinesterase and Proinflammatory Cytokine Levels in Different Tissues. Molecular Neurobiology, 2014, 50, 589-596.	4.0	45
36	The role of p2x7 receptor in infectious inflammatory diseases and the influence of ectonucleotidases. Biomedical Journal, 2014, 37, 169.	3.1	69

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37	Mild hyperhomocysteinemia reduces the activity and immunocontent, but does not alter the gene expression, of catalytic $\alpha$ subunits of cerebral Na <sup>+</sup> ,K <sup>+</sup> -ATPase. <i>Molecular and Cellular Biochemistry</i> , 2013, 378, 91-97.	3.1	11
38	Proline-induced changes in acetylcholinesterase activity and gene expression in zebrafish brain: Reversal by antipsychotic drugs. <i>Neuroscience</i> , 2013, 250, 121-128.	2.3	6
39	The effect of exercise on the oxidative stress induced by experimental lung injury. <i>Life Sciences</i> , 2013, 92, 218-227.	4.3	19
40	Long-term proline exposure alters nucleotide catabolism and ectonucleotidase gene expression in zebrafish brain. <i>Metabolic Brain Disease</i> , 2012, 27, 541-549.	2.9	4
41	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
42	Mild hyperhomocysteinemia alters extracellular adenine metabolism in rat brain. <i>Neuroscience</i> , 2012, 223, 28-34.	2.3	6
43	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
44	MK-801 alters Na <sup>+</sup> , K <sup>+</sup> -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
45	Endotoxin-induced effects on nucleotide catabolism in mouse kidney. <i>European Journal of Pharmacology</i> , 2012, 674, 422-429.	3.5	7
46	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
47	Chronic mild hyperhomocysteinemia alters ectonucleotidase activities and gene expression of ecto-5'-nucleotidase/CD73 in rat lymphocytes. <i>Molecular and Cellular Biochemistry</i> , 2012, 362, 187-194.	3.1	6
48	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
49	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
50	Endotoxemia alters nucleotide hydrolysis in platelets of rats. <i>Platelets</i> , 2009, 20, 83-89.	2.3	3
51	P2X receptors in the balance between inflammation and pathogen control in sepsis. <i>Purinergic Signalling</i> , 0, , .	2.2	0