MaurÃ-cio Reis Bogo

List of Publications by Year
in descending order

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59 papers	2,010 citations	218677 26 h-index	254184 43 g-index
59 all docs	59 docs citations	59 times ranked	2648 citing authors

#	Article	IF	Citations
1	Prolonged ethanol exposure alters glutamate uptake leading to astrogliosis and neuroinflammation in adult zebrafish brain. NeuroToxicology, 2022, 88, 57-64.	3.0	3
2	Acute toxicity of methomyl commercial formulation induces morphological and behavioral changes in larval zebrafish (Danio rerio). Neurotoxicology and Teratology, 2022, 89, 107058.	2.4	3
3	Participation of ecto-5â€²-nucleotidase in the inflammatory response in an adult zebrafish (Danio rerio) model. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 260, 109402.	2.6	0
4	Effects of lipoic acid supplementation on age- and iron-induced memory impairment, mitochondrial DNA damage and antioxidant responses. European Journal of Nutrition, 2021, 60, 3679-3690.	3.9	10
5	Graphene oxide and GST-omega enzyme: An interaction that affects arsenic metabolism in the shrimp Litopenaeus vannamei. Science of the Total Environment, 2020, 716, 136893.	8.0	11
6	Acid mine drainage (AMD) treatment by neutralization: Evaluation of physical-chemical performance and ecotoxicological effects on zebrafish (Danio rerio) development. Chemosphere, 2020, 253, 126665.	8.2	22
7	Characterization of the adenosinergic system in a zebrafish embryo radiotherapy model. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 224, 108572.	2.6	4
8	Manganese(II) Chloride Alters Nucleotide and Nucleoside Catabolism in Zebrafish (Danio rerio) Adult Brain. Molecular Neurobiology, 2018, 55, 3866-3874.	4.0	3
9	Novel insights into mitochondrial molecular targets of iron-induced neurodegeneration: Reversal by cannabidiol. Brain Research Bulletin, 2018, 139, 1-8.	3.0	38
10	Adenosine deaminase activity and gene expression patterns are altered after chronic ethanol exposure in zebrafish brain. Neurotoxicology and Teratology, 2018, 65, 14-18.	2.4	5
11	Persistent increase in ectoâ€‘5â€²â€‘nucleotidase activity from encephala of adult zebrafish exposed to ethanol during early development. Neurotoxicology and Teratology, 2018, 70, 60-66.	2.4	6
12	Iron chelator deferiprone rescues memory deficits, hippocampal BDNF levels and antioxidant defenses in an experimental model of memory impairment. BioMetals, 2018, 31, 927-940.	4.1	19
13	Analysis of Extracellular Nucleotide Metabolism in Adult Zebrafish After Embryological Exposure to Valproic Acid. Molecular Neurobiology, 2017, 54, 3542-3553.	4.0	12
14	Effects of caffeine on behavioral and inflammatory changes elicited by copper in zebrafish larvae: Role of adenosine receptors. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 194, 28-36.	2.6	15
15	Tebuconazole alters morphological, behavioral and neurochemical parameters in larvae and adult zebrafish (Danio rerio). Chemosphere, 2017, 180, 483-490.	8.2	88
16	Implications of exposure to dextran-coated and uncoated iron oxide nanoparticles to developmental toxicity in zebrafish. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	24
17	Effects of chlorogenic acid, caffeine and coffee on components of the purinergic system of streptozotocin-induced diabetic rats. Journal of Nutritional Biochemistry, 2016, 38, 145-153.	4.2	21
18	Copper toxicology, oxidative stress and inflammation using zebrafish as experimental model. Journal of Applied Toxicology, 2016, 36, 876-885.	2.8	156

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19	Methionine Exposure Alters Glutamate Uptake and Adenine Nucleotide Hydrolysis in the Zebrafish Brain. Molecular Neurobiology, 2016, 53, 200-209.	4.0	10
20	Hyperglycemia alters E-NTPDases, ecto-5â€²-nucleotidase, and ectosolic and cytosolic adenosine deaminase activities and expression from encephala of adult zebrafish (Danio rerio). Purinergic Signalling, 2016, 12, 211-220.	2.2	15
21	Evaluation of Age-Dependent Response to NMDA Receptor Antagonism in Zebrafish. Zebrafish, 2015, 12, 137-143.	1.1	37
22	Investigation into effects of antipsychotics on ectonucleotidase and adenosine deaminase in zebrafish brain. Fish Physiology and Biochemistry, 2015, 41, 1383-1392.	2.3	9
23	Benzodiazepines alter nucleotide and nucleoside hydrolysis in zebrafish (Danio rerio) brain. Journal of Neural Transmission, 2015, 122, 1077-1088.	2.8	5
24	Maternal caffeine exposure alters neuromotor development and hippocampus acetylcholinesterase activity in rat offspring. Brain Research, 2015, 1595, 10-18.	2.2	26
25	Hyperglycemia induces memory impairment linked to increased acetylcholinesterase activity in zebrafish (Danio rerio). Behavioural Brain Research, 2014, 274, 319-325.	2.2	65
26	Transient modulation of acetylcholinesterase activity caused by exposure to dextran-coated iron oxide nanoparticles in brain of adult zebrafish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 162, 77-84.	2.6	31
27	Involvement of purinergic system in inflammation and toxicity induced by copper in zebrafish larvae. Toxicology and Applied Pharmacology, 2013, 272, 681-689.	2.8	54
28	Antiepileptic drugs prevent changes in adenosine deamination during acute seizure episodes in adult zebrafish. Pharmacology Biochemistry and Behavior, 2013, 104, 20-26.	2.9	23
29	Arginine exposure alters ectonucleotidase activities and morphology of zebrafish larvae (Danio rerio) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	19
30	Intraperitoneal Exposure to Nano/Microparticles of Fullerene (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 317 Td (xmlns:mml="ht Increases Acetylcholinesterase Activity and Lipid Peroxidation in Adult Zebrafish (Danio rerio) Brain. BioMed Research International, 2013, 2013, 1-11.	1.9	16
31	Endosulfan exposure inhibits brain AChE activity and impairs swimming performance in adult zebrafish (Danio rerio). NeuroToxicology, 2012, 33, 469-475.	3.0	101
32	Microcystin-LR acute exposure increases AChE activity via transcriptional ache activation in zebrafish (Danio rerio) brain. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 247-252.	2.6	37
33	Arsenic alters behavioral parameters and brain ectonucleotidases activities in zebrafish (Danio rerio). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 566-572.	2.6	39
34	Microcystin-LR acute exposure does not alter in vitro and in vivo ATP, ADP and AMP hydrolysis in adult zebrafish (Danio rerio) brain membranes. Journal of Xenobiotics, 2012, 2, 9.	6.7	2
35	Modulatory effect of resveratrol on SIRT1, SIRT3, SIRT4, PGC1Î± and NAMPT gene expression profiles in wild-type adult zebrafish liver. Molecular Biology Reports, 2012, 39, 3281-3289.	2.3	65
36	Zebrafish as a Model Organism to Evaluate Drugs Potentially Able to Modulate Sirtuin Expression. Zebrafish, 2011, 8, 9-16.	1.1	20

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37	PTZ-induced seizures inhibit adenosine deamination in adult zebrafish brain membranes. Brain Research Bulletin, 2011, 86, 385-389.	3.0	32
38	Arsenic toxicity in mammals and aquatic animals: A comparative biochemical approach. Ecotoxicology and Environmental Safety, 2011, 74, 211-218.	6.0	147
39	Chronic ethanol treatment alters purine nucleotide hydrolysis and nucleotidase gene expression pattern in zebrafish brain. NeuroToxicology, 2011, 32, 871-878.	3.0	21
40	Inhibitory effect of lithium on nucleotide hydrolysis and acetylcholinesterase activity in zebrafish (Danio rerio) brain. Neurotoxicology and Teratology, 2011, 33, 651-657.	2.4	20
41	Iron exposure modifies acetylcholinesterase activity in zebrafish (Danio rerio) tissues: distinct susceptibility of tissues to iron overload. Fish Physiology and Biochemistry, 2011, 37, 573-581.	2.3	21
42	Aluminum exposure alters behavioral parameters and increases acetylcholinesterase activity in zebrafish (Danio rerio) brain. Cell Biology and Toxicology, 2011, 27, 199-205.	5.3	56
43	Evidence that acute taurine treatment alters extracellular AMP hydrolysis and adenosine deaminase activity in zebrafish brain membranes. Neuroscience Letters, 2010, 481, 105-109.	2.1	9
44	Influence of mercury chloride on adenosine deaminase activity and gene expression in zebrafish (Danio rerio) brain. NeuroToxicology, 2010, 31, 291-296.	3.0	15
45	Antipsychotic drugs prevent the motor hyperactivity induced by psychotomimetic MK-801 in zebrafish (Danio rerio). Behavioural Brain Research, 2010, 214, 417-422.	2.2	83
46	NTPDase family in zebrafish: Nucleotide hydrolysis, molecular identification and gene expression profiles in brain, liver and heart. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 155, 230-240.	1.6	56
47	Typical and atypical antipsychotics alter acetylcholinesterase activity and ache expression in zebrafish (Danio rerio) brain. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 150, 10-15.	2.6	19
48	Antipsychotic drugs inhibit nucleotide hydrolysis in zebrafish (Danio rerio) brain membranes. Toxicology in Vitro, 2009, 23, 78-82.	2.4	23
49	Ethanol and acetaldehyde alter NTPDase and 5â€²-nucleotidase from zebrafish brain membranes. Neurochemistry International, 2008, 52, 290-296.	3.8	31
50	Kinetic characterization of adenosine deaminase activity in zebrafish (Danio rerio) brain. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 151, 96-101.	1.6	26
51	Adenosine deaminase-related genes: Molecular identification, tissue expression pattern and truncated alternative splice isoform in adult zebrafish (Danio rerio). Life Sciences, 2007, 81, 1526-1534.	4.3	30
52	Ethanol alters acetylcholinesterase activity and gene expression in zebrafish brain. Toxicology Letters, 2007, 174, 25-30.	0.8	75
53	Acute and subchronic copper treatments alter extracellular nucleotide hydrolysis in zebrafish brain membranes. Toxicology, 2007, 236, 132-139.	4.2	20
54	In vitro effect of zinc and cadmium on acetylcholinesterase and ectonucleotidase activities in zebrafish (Danio rerio) brain. Toxicology in Vitro, 2006, 20, 954-958.	2.4	45

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55	Exposure to Hg2+ and Pb2+ changes NTPDase and ecto-5â€²-nucleotidase activities in central nervous system of zebrafish (Danio rerio). Toxicology, 2006, 226, 229-237.	4.2	57
56	Methanol alters ecto-nucleotidases and acetylcholinesterase in zebrafish brain. Neurotoxicology and Teratology, 2006, 28, 489-496.	2.4	56
57	Carbofuran and malathion inhibit nucleotide hydrolysis in zebrafish (Danio rerio) brain membranes. Toxicology, 2005, 212, 107-115.	4.2	37
58	Ecto-5â€²-nucleotidase activity in brain membranes of zebrafish (Danio rerio). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2004, 139, 203-207.	1.6	55
59	ATP and ADP hydrolysis in brain membranes of zebrafish (Danio rerio). Life Sciences, 2003, 73, 2071-2082.	4.3	62