

Eduardo Pacheco Rico

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,045
citations

393982

19
h-index

433756

31
g-index

50
all docs

50
docs citations

50
times ranked

1138
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethanol alters acetylcholinesterase activity and gene expression in zebrafish brain. <i>Toxicology Letters</i> , 2007, 174, 25-30.	0.4	75
2	Modulatory effect of resveratrol on SIRT1, SIRT3, SIRT4, PGC1 β and NAMPT gene expression profiles in wild-type adult zebrafish liver. <i>Molecular Biology Reports</i> , 2012, 39, 3281-3289.	1.0	65
3	ATP and ADP hydrolysis in brain membranes of zebrafish (<i>Danio rerio</i>). <i>Life Sciences</i> , 2003, 73, 2071-2082.	2.0	62
4	Exposure to Hg ²⁺ and Pb ²⁺ changes NTPDase and ecto-5 β -nucleotidase activities in central nervous system of zebrafish (<i>Danio rerio</i>). <i>Toxicology</i> , 2006, 226, 229-237.	2.0	57
5	Methanol alters ecto-nucleotidases and acetylcholinesterase in zebrafish brain. <i>Neurotoxicology and Teratology</i> , 2006, 28, 489-496.	1.2	56
6	NTPDase family in zebrafish: Nucleotide hydrolysis, molecular identification and gene expression profiles in brain, liver and heart. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 155, 230-240.	0.7	56
7	Ecto-5 β -nucleotidase activity in brain membranes of zebrafish (<i>Danio rerio</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 139, 203-207.	0.7	55
8	Expression and functional analysis of Na ⁺ -dependent glutamate transporters from zebrafish brain. <i>Brain Research Bulletin</i> , 2010, 81, 517-523.	1.4	46
9	In vitro effect of zinc and cadmium on acetylcholinesterase and ectonucleotidase activities in zebrafish (<i>Danio rerio</i>) brain. <i>Toxicology in Vitro</i> , 2006, 20, 954-958.	1.1	45
10	Cholinergic System and Oxidative Stress Changes in the Brain of a Zebrafish Model Chronically Exposed to Ethanol. <i>Neurotoxicity Research</i> , 2018, 33, 749-758.	1.3	38
11	Carbofuran and malathion inhibit nucleotide hydrolysis in zebrafish (<i>Danio rerio</i>) brain membranes. <i>Toxicology</i> , 2005, 212, 107-115.	2.0	37
12	Ethanol and acetaldehyde alter NTPDase and 5 β -nucleotidase from zebrafish brain membranes. <i>Neurochemistry International</i> , 2008, 52, 290-296.	1.9	31
13	Embryonic alcohol exposure leading to social avoidance and altered anxiety responses in adult zebrafish. <i>Behavioural Brain Research</i> , 2018, 352, 62-69.	1.2	31
14	Adenosine deaminase-related genes: Molecular identification, tissue expression pattern and truncated alternative splice isoform in adult zebrafish (<i>Danio rerio</i>). <i>Life Sciences</i> , 2007, 81, 1526-1534.	2.0	30
15	Effects of ethanol and acetaldehyde in zebrafish brain structures: An in vitro approach on glutamate uptake and on toxicity-related parameters. <i>Toxicology in Vitro</i> , 2014, 28, 822-828.	1.1	25
16	Antipsychotic drugs inhibit nucleotide hydrolysis in zebrafish (<i>Danio rerio</i>) brain membranes. <i>Toxicology in Vitro</i> , 2009, 23, 78-82.	1.1	23
17	Chronic ethanol treatment alters purine nucleotide hydrolysis and nucleotidase gene expression pattern in zebrafish brain. <i>NeuroToxicology</i> , 2011, 32, 871-878.	1.4	21
18	Iron exposure modifies acetylcholinesterase activity in zebrafish (<i>Danio rerio</i>) tissues: distinct susceptibility of tissues to iron overload. <i>Fish Physiology and Biochemistry</i> , 2011, 37, 573-581.	0.9	21

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19	Embryonic alcohol exposure promotes long-term effects on cerebral glutamate transport of adult zebrafish. <i>Neuroscience Letters</i> , 2017, 636, 265-269.	1.0	21
20	Acute and subchronic copper treatments alter extracellular nucleotide hydrolysis in zebrafish brain membranes. <i>Toxicology</i> , 2007, 236, 132-139.	2.0	20
21	Zebrafish as a Model Organism to Evaluate Drugs Potentially Able to Modulate Sirtuin Expression. <i>Zebrafish</i> , 2011, 8, 9-16.	0.5	20
22	Inhibitory effect of lithium on nucleotide hydrolysis and acetylcholinesterase activity in zebrafish (<i>Danio rerio</i>) brain. <i>Neurotoxicology and Teratology</i> , 2011, 33, 651-657.	1.2	20
23	Tolerance to seizure induced by kainic acid is produced in a specific period of zebrafish development. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 55, 109-112.	2.5	20
24	Forebrain glutamate uptake and behavioral parameters are altered in adult zebrafish after the induction of Status Epilepticus by kainic acid. <i>NeuroToxicology</i> , 2018, 67, 305-312.	1.4	20
25	Brain bioenergetics in rats with acute hyperphenylalaninemia. <i>Neurochemistry International</i> , 2018, 117, 188-203.	1.9	13
26	NOS-2 participates in the behavioral effects of ethanol withdrawal in zebrafish. <i>Neuroscience Letters</i> , 2020, 728, 134952.	1.0	11
27	Methionine Exposure Alters Glutamate Uptake and Adenine Nucleotide Hydrolysis in the Zebrafish Brain. <i>Molecular Neurobiology</i> , 2016, 53, 200-209.	1.9	10
28	Ceftriaxone Attenuated Anxiety-Like Behavior and Enhanced Brain Glutamate Transport in Zebrafish Subjected to Alcohol Withdrawal. <i>Neurochemical Research</i> , 2020, 45, 1526-1535.	1.6	10
29	Prolonged fluoride exposure alters neurotransmission and oxidative stress in the zebrafish brain. <i>NeuroToxicology</i> , 2022, 89, 92-98.	1.4	10
30	Evidence that acute taurine treatment alters extracellular AMP hydrolysis and adenosine deaminase activity in zebrafish brain membranes. <i>Neuroscience Letters</i> , 2010, 481, 105-109.	1.0	9
31	Fluoxetine and nortriptyline affect NTPDase and 5â€²-nucleotidase activities in rat blood serum. <i>Life Sciences</i> , 2007, 81, 1205-1210.	2.0	8
32	Rescue of social behavior impairment by clozapine and alterations in the expression of neuronal receptors in a rat model of neurodevelopmental impairment induced by GRPR blockade. <i>Journal of Neural Transmission</i> , 2012, 119, 319-327.	1.4	8
33	Cholinergic system and exploratory behavior are changed after weekly-binge ethanol exposure in zebrafish. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 186, 172790.	1.3	7
34	Weekly ethanol exposure alters dopaminergic parameters in zebrafish brain. <i>Neurotoxicology and Teratology</i> , 2019, 75, 106822.	1.2	7
35	Gallic Acid Reverses Neurochemical Changes Induced by Prolonged Ethanol Exposure in the Zebrafish Brain. <i>Neuroscience</i> , 2021, 455, 251-262.	1.1	7
36	Melatonin Pretreatment Protects Against Status epilepticus, Glutamate Transport, and Oxidative Stress Induced by Kainic Acid in Zebrafish. <i>Molecular Neurobiology</i> , 2022, 59, 266-275.	1.9	7

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37	Fetal alcohol spectrum disorders model alters the functionality of glutamatergic neurotransmission in adult zebrafish. <i>NeuroToxicology</i> , 2020, 78, 152-160.	1.4	6
38	Hexane extract from <i>Spondias mombin</i> L. (Anacardiaceae) prevents behavioral and oxidative status changes on model of Parkinson's disease in zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 241, 108953.	1.3	6
39	Antioxidants Reverse the Changes in the Cholinergic System Caused by L-Tyrosine Administration in Rats. <i>Neurotoxicity Research</i> , 2018, 34, 769-780.	1.3	5
40	Adenosine deaminase activity and gene expression patterns are altered after chronic ethanol exposure in zebrafish brain. <i>Neurotoxicology and Teratology</i> , 2018, 65, 14-18.	1.2	5
41	Relação Entre Ritmo Circadiano, Turno e Rendimento Escolar de Alunos do Ensino Fundamental. <i>Revista Neurociências</i> , 2013, 21, 175-183.	0.0	5
42	Nomenclature of glutamate transporters in zebrafish and other vertebrates. <i>Brain Research Bulletin</i> , 2010, 83, 297.	1.4	4
43	Cotreatment of Small Gold Nanoparticles Protects Against the Increase in Cerebral Acetylcholinesterase Activity and Oxidative Stress Induced by Acute Ethanol Exposure in the Zebrafish. <i>Neuroscience</i> , 2021, 457, 41-50.	1.1	4
44	Prolonged ethanol exposure alters glutamate uptake leading to astrogliosis and neuroinflammation in adult zebrafish brain. <i>NeuroToxicology</i> , 2022, 88, 57-64.	1.4	3
45	Long-lasting implications of embryonic exposure to alcohol: Insights from zebrafish research. <i>Developmental Neurobiology</i> , 2022, 82, 29-40.	1.5	2
46	Gallic acid modulates purine metabolism and oxidative stress induced by ethanol exposure in zebrafish brain. <i>Purinergic Signalling</i> , 2022, 18, 307-315.	1.1	2
47	Evaluation of the dopaminergic system with positron-emission tomography in alcohol abuse: A systematic review. <i>Psychiatry Research</i> , 2019, 281, 112542.	1.7	1
48	Fetal Alcohol Spectrum Disorders Model Alters the Functionality of Glutamatergic Neurotransmission in Adult Zebrafish. <i>Biological Psychiatry</i> , 2020, 87, S394-S395.	0.7	0
49	Amnésia Induzida por Álcool: prevalência e fatores associados em estudantes de medicina. <i>Revista Neurociências</i> , 0, 30, 1-23.	0.0	0