Eduardo Pacheco Rico

List of Publications by Year
in descending order

49 papers	1,045 citations	394421 19 h-index	434195 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. Toxicology Letters, 2007, 174, 25-30.	0.8	75
2	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
3	ATP and ADP hydrolysis in brain membranes of zebrafish (Danio rerio). Life Sciences, 2003, 73, 2071-2082.	4.3	62
4	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
5	Methanol alters ecto-nucleotidases and acetylcholinesterase in zebrafish brain. Neurotoxicology and Teratology, 2006, 28, 489-496.	2.4	56
6	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
7	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
8	Expression and functional analysis of Na+-dependent glutamate transporters from zebrafish brain. Brain Research Bulletin, 2010, 81, 517-523.	3.0	46
9	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
10	Cholinergic System and Oxidative Stress Changes in the Brain of a Zebrafish Model Chronically Exposed to Ethanol. Neurotoxicity Research, 2018, 33, 749-758.	2.7	38
11	Carbofuran and malathion inhibit nucleotide hydrolysis in zebrafish (Danio rerio) brain membranes. Toxicology, 2005, 212, 107-115.	4.2	37
12	Ethanol and acetaldehyde alter NTPDase and 5â€²-nucleotidase from zebrafish brain membranes. Neurochemistry International, 2008, 52, 290-296.	3.8	31
13	Embryonic alcohol exposure leading to social avoidance and altered anxiety responses in adult zebrafish. Behavioural Brain Research, 2018, 352, 62-69.	2.2	31
14	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
15	Effects of ethanol and acetaldehyde in zebrafish brain structures: An in vitro approach on glutamate uptake and on toxicity-related parameters. Toxicology in Vitro, 2014, 28, 822-828.	2.4	25
16	Antipsychotic drugs inhibit nucleotide hydrolysis in zebrafish (Danio rerio) brain membranes. Toxicology in Vitro, 2009, 23, 78-82.	2.4	23
17	Chronic ethanol treatment alters purine nucleotide hydrolysis and nucleotidase gene expression pattern in zebrafish brain. NeuroToxicology, 2011, 32, 871-878.	3.0	21
18	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

#	Article	IF	Citations
19	Embryonic alcohol exposure promotes long-term effects on cerebral glutamate transport of adult zebrafish. Neuroscience Letters, 2017, 636, 265-269.	2.1	21
20	Acute and subchronic copper treatments alter extracellular nucleotide hydrolysis in zebrafish brain membranes. Toxicology, 2007, 236, 132-139.	4.2	20
21	Zebrafish as a Model Organism to Evaluate Drugs Potentially Able to Modulate Sirtuin Expression. Zebrafish, 2011, 8, 9-16.	1.1	20
22	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
23	Tolerance to seizure induced by kainic acid is produced in a specific period of zebrafish development. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 55, 109-112.	4.8	20
24	Forebrain glutamate uptake and behavioral parameters are altered in adult zebrafish after the induction of Status Epilepticus by kainic acid. NeuroToxicology, 2018, 67, 305-312.	3.0	20
25	Brain bioenergetics in rats with acute hyperphenylalaninemia. Neurochemistry International, 2018, 117, 188-203.	3.8	13
26	NOS-2 participates in the behavioral effects of ethanol withdrawal in zebrafish. Neuroscience Letters, 2020, 728, 134952.	2.1	11
27	Methionine Exposure Alters Glutamate Uptake and Adenine Nucleotide Hydrolysis in the Zebrafish Brain. Molecular Neurobiology, 2016, 53, 200-209.	4.0	10
28	Ceftriaxone Attenuated Anxiety-Like Behavior and Enhanced Brain Glutamate Transport in Zebrafish Subjected to Alcohol Withdrawal. Neurochemical Research, 2020, 45, 1526-1535.	3.3	10
29	Prolonged fluoride exposure alters neurotransmission and oxidative stress in the zebrafish brain. NeuroToxicology, 2022, 89, 92-98.	3.0	10
30	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
31	Fluoxetine and nortriptyline affect NTPDase and 5â€²-nucleotidase activities in rat blood serum. Life Sciences, 2007, 81, 1205-1210.	4.3	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. Journal of Neural Transmission, 2012, 119, 319-327.	2.8	8
33	Cholinergic system and exploratory behavior are changed after weekly-binge ethanol exposure in zebrafish. Pharmacology Biochemistry and Behavior, 2019, 186, 172790.	2.9	7
34	Weekly ethanol exposure alters dopaminergic parameters in zebrafish brain. Neurotoxicology and Teratology, 2019, 75, 106822.	2.4	7
35	Gallic Acid Reverses Neurochemical Changes Induced by Prolonged Ethanol Exposure in the Zebrafish Brain. Neuroscience, 2021, 455, 251-262.	2.3	7
36	Melatonin Pretreatment Protects Against Status epilepticus, Glutamate Transport, and Oxidative Stress Induced by Kainic Acid in Zebrafish. Molecular Neurobiology, 2022, 59, 266-275.	4.0	7

#	Article	IF	Citations
37	Fetal alcohol spectrum disorders model alters the functionality of glutamatergic neurotransmission in adult zebrafish. NeuroToxicology, 2020, 78, 152-160.	3.0	6
38	Hexane extract from SpoSndias mombin L. (Anacardiaceae) prevents behavioral and oxidative status changes on model of Parkinson's disease in zebrafish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 241, 108953.	2.6	6
39	Antioxidants Reverse the Changes in the Cholinergic System Caused by L-Tyrosine Administration in Rats. Neurotoxicity Research, 2018, 34, 769-780.	2.7	5
40	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
41	RelaÃ§Ã£o Entre Ritmo Circadiano, Turno e Rendimento Escolar de Alunos do Ensino Fundamental. Revista Neurociencias, 2013, 21, 175-183.	0.0	5
42	Nomenclature of glutamate transporters in zebrafish and other vertebrates. Brain Research Bulletin, 2010, 83, 297.	3.0	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. Neuroscience, 2021, 457, 41-50.	2.3	4
44	Prolonged ethanol exposure alters glutamate uptake leading to astrogliosis and neuroinflammation in adult zebrafish brain. NeuroToxicology, 2022, 88, 57-64.	3.0	3
45	Longâ€lasting implications of embryonic exposure to alcohol: Insights from zebrafish research. Developmental Neurobiology, 2022, 82, 29-40.	3.0	2
46	Gallic acid modulates purine metabolism and oxidative stress induced by ethanol exposure in zebrafish brain. Purinergic Signalling, 2022, 18, 307-315.	2.2	2
47	Evaluation of the dopaminergic system with positron-emission tomography in alcohol abuse: A systematic review. Psychiatry Research, 2019, 281, 112542.	3.3	1
48	Fetal Alcohol Spectrum Disorders Model Alters the Functionality of Glutamatergic Neurotransmission in Adult Zebrafish. Biological Psychiatry, 2020, 87, S394-S395.	1.3	0
49	AmnÃ©sia Induzida por Ãlcool: prevalÃªncia e fatores associados em estudantes de medicina. Revista Neurociencias, 0, 30, 1-23.	0.0	0