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	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
2	Longâ€lasting implications of embryonic exposure to alcohol: Insights from zebrafish research. Developmental Neurobiology, 2022, 82, 29-40.	3.0	2
3	Prolonged ethanol exposure alters glutamate uptake leading to astrogliosis and neuroinflammation in adult zebrafish brain. NeuroToxicology, 2022, 88, 57-64.	3.0	3
4	Prolonged fluoride exposure alters neurotransmission and oxidative stress in the zebrafish brain. NeuroToxicology, 2022, 89, 92-98.	3.0	10
5	Gallic acid modulates purine metabolism and oxidative stress induced by ethanol exposure in zebrafish brain. Purinergic Signalling, 2022, 18, 307-315.	2.2	2
6	Gallic Acid Reverses Neurochemical Changes Induced by Prolonged Ethanol Exposure in the Zebrafish Brain. Neuroscience, 2021, 455, 251-262.	2.3	7
7	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
8	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
9	Fetal Alcohol Spectrum Disorders Model Alters the Functionality of Glutamatergic Neurotransmission in Adult Zebrafish. Biological Psychiatry, 2020, 87, S394-S395.	1.3	0
10	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
11	Fetal alcohol spectrum disorders model alters the functionality of glutamatergic neurotransmission in adult zebrafish. NeuroToxicology, 2020, 78, 152-160.	3.0	6
12	NOS-2 participates in the behavioral effects of ethanol withdrawal in zebrafish. Neuroscience Letters, 2020, 728, 134952.	2.1	11
13	Evaluation of the dopaminergic system with positron-emission tomography in alcohol abuse: A systematic review. Psychiatry Research, 2019, 281, 112542.	3.3	1
14	Cholinergic system and exploratory behavior are changed after weekly-binge ethanol exposure in zebrafish. Pharmacology Biochemistry and Behavior, 2019, 186, 172790.	2.9	7
15	Weekly ethanol exposure alters dopaminergic parameters in zebrafish brain. Neurotoxicology and Teratology, 2019, 75, 106822.	2.4	7
16	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
17	Brain bioenergetics in rats with acute hyperphenylalaninemia. Neurochemistry International, 2018, 117, 188-203.	3.8	13
18	Antioxidants Reverse the Changes in the Cholinergic System Caused by L-Tyrosine Administration in Rats. Neurotoxicity Research, 2018, 34, 769-780.	2.7	5

#	Article	IF	Citations
19	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
20	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
21	Embryonic alcohol exposure leading to social avoidance and altered anxiety responses in adult zebrafish. Behavioural Brain Research, 2018, 352, 62-69.	2.2	31
22	Embryonic alcohol exposure promotes long-term effects on cerebral glutamate transport of adult zebrafish. Neuroscience Letters, 2017, 636, 265-269.	2.1	21
23	Methionine Exposure Alters Glutamate Uptake and Adenine Nucleotide Hydrolysis in the Zebrafish Brain. Molecular Neurobiology, 2016, 53, 200-209.	4.0	10
24	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
25	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
26	RelaÃ§Ã£o Entre Ritmo Circadiano, Turno e Rendimento Escolar de Alunos do Ensino Fundamental. Revista Neurociencias, 2013, 21, 175-183.	0.0	5
27	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
28	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
29	Zebrafish as a Model Organism to Evaluate Drugs Potentially Able to Modulate Sirtuin Expression. Zebrafish, 2011, 8, 9-16.	1.1	20
30	Chronic ethanol treatment alters purine nucleotide hydrolysis and nucleotidase gene expression pattern in zebrafish brain. NeuroToxicology, 2011, 32, 871-878.	3.0	21
31	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
32	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
33	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
34	Expression and functional analysis of Na+-dependent glutamate transporters from zebrafish brain. Brain Research Bulletin, 2010, 81, 517-523.	3.0	46
35	Nomenclature of glutamate transporters in zebrafish and other vertebrates. Brain Research Bulletin, 2010, 83, 297.	3.0	4
36	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

#	Article	IF	Citations
37	Antipsychotic drugs inhibit nucleotide hydrolysis in zebrafish (Danio rerio) brain membranes. Toxicology in Vitro, 2009, 23, 78-82.	2.4	23
38	Ethanol and acetaldehyde alter NTPDase and 5â€²-nucleotidase from zebrafish brain membranes. Neurochemistry International, 2008, 52, 290-296.	3.8	31
39	Fluoxetine and nortriptyline affect NTPDase and 5â€²-nucleotidase activities in rat blood serum. Life Sciences, 2007, 81, 1205-1210.	4.3	8
40	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
41	Ethanol alters acetylcholinesterase activity and gene expression in zebrafish brain. Toxicology Letters, 2007, 174, 25-30.	0.8	75
42	Acute and subchronic copper treatments alter extracellular nucleotide hydrolysis in zebrafish brain membranes. Toxicology, 2007, 236, 132-139.	4.2	20
43	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
44	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
45	Methanol alters ecto-nucleotidases and acetylcholinesterase in zebrafish brain. Neurotoxicology and Teratology, 2006, 28, 489-496.	2.4	56
46	Carbofuran and malathion inhibit nucleotide hydrolysis in zebrafish (Danio rerio) brain membranes. Toxicology, 2005, 212, 107-115.	4.2	37
47	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
48	ATP and ADP hydrolysis in brain membranes of zebrafish (Danio rerio). Life Sciences, 2003, 73, 2071-2082.	4.3	62
49	AmnÃ©sia Induzida por Ãlcool: prevalÃªncia e fatores associados em estudantes de medicina. Revista Neurociencias, 0, 30, 1-23.	0.0	0