

Diogo Losch de Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,312
citations

393982

19
h-index

377514

34
g-index

51
all docs

51
docs citations

51
times ranked

1934
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in Spatio-Temporal Behavior of Zebrafish in the Open Tank Paradigm after a Short-Period Confinement into Dark and Bright Environments. PLoS ONE, 2011, 6, e19397.	1.1	136
2	Behavioral effects of taurine pretreatment in zebrafish acutely exposed to ethanol. Neuropharmacology, 2012, 63, 613-623.	2.0	121
3	Seizures Induced by Pentylentetrazole in the Adult Zebrafish: A Detailed Behavioral Characterization. PLoS ONE, 2013, 8, e54515.	1.1	104
4	A comparison of the light/dark and novel tank tests in zebrafish. Behaviour, 2012, 149, 1099-1123.	0.4	76
5	Environmental enrichment modulates the response to chronic stress in zebrafish. Journal of Experimental Biology, 2018, 221, .	0.8	69
6	Quinolinic acid promotes seizures and decreases glutamate uptake in young rats: reversal by orally administered guanosine. Brain Research, 2004, 1018, 48-54.	1.1	55
7	Expression and functional analysis of Na ⁺ -dependent glutamate transporters from zebrafish brain. Brain Research Bulletin, 2010, 81, 517-523.	1.4	46
8	Ketamine reduces neuronal degeneration and anxiety levels when administered during early life-induced status epilepticus in rats. Brain Research, 2012, 1474, 110-117.	1.1	43
9	Effects of early-life LiCl-induced status epilepticus on memory and anxiety in adult rats are associated with mossy fiber sprouting and elevated CSF S100B protein. Epilepsia, 2008, 49, 842-852.	2.6	41
10	Anticonvulsant properties of Euterpe oleracea in mice. Neurochemistry International, 2015, 90, 20-27.	1.9	39
11	Effects of dexamethasone on the Li-pilocarpine model of epilepsy: protection against hippocampal inflammation and astrogliosis. Journal of Neuroinflammation, 2018, 15, 68.	3.1	39
12	Metabotropic glutamate receptors as a new therapeutic target for malignant gliomas. Oncotarget, 2017, 8, 22279-22298.	0.8	38
13	Anxiolytic effects of diphenyl diselenide on adult zebrafish in a novelty paradigm. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 54, 187-194.	2.5	37
14	Embryonic alcohol exposure leading to social avoidance and altered anxiety responses in adult zebrafish. Behavioural Brain Research, 2018, 352, 62-69.	1.2	31
15	Impairment of the Organization of Locomotor and Exploratory Behaviors in Bile Duct-Ligated Rats. PLoS ONE, 2012, 7, e36322.	1.1	31
16	Gestational and postnatal malnutrition affects sensitivity of young rats to picrotoxin and quinolinic acid and uptake of GABA by cortical and hippocampal slices. Developmental Brain Research, 2005, 154, 177-185.	2.1	26
17	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.	1.1	25
18	Total and Mitochondrial Nitrosative Stress, Decreased Brain-Derived Neurotrophic Factor (BDNF) Levels and Glutamate Uptake, and Evidence of Endoplasmic Reticulum Stress in the Hippocampus of Vitamin A-Treated Rats. Neurochemical Research, 2011, 36, 506-517.	1.6	23

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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	Influence of environmental enrichment vs. time-of-day on behavioral repertoire of male albino Swiss mice. <i>Neurobiology of Learning and Memory</i> , 2015, 125, 63-72.	1.0	20
21	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
22	Phase-Dependent Astroglial Alterations in "Pilocarpine-Induced Status Epilepticus in Young Rats. <i>Neurochemical Research</i> , 2017, 42, 2730-2742.	1.6	19
23	Anti-inflammatory effect of rosmarinic acid isolated from <i>Blechnum brasiliense</i> in adult zebrafish brain. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 239, 108874.	1.3	19
24	Hyperhomocysteinemia reduces glutamate uptake in parietal cortex of rats. <i>International Journal of Developmental Neuroscience</i> , 2010, 28, 183-187.	0.7	17
25	Histopathological, genotoxic, and behavioral damages induced by manganese (II) in adult zebrafish. <i>Chemosphere</i> , 2020, 244, 125550.	4.2	15
26	Effects of chronic administration of tryptophan with or without concomitant fluoxetine in depression-related and anxiety-like behaviors on adult rat. <i>Neuroscience Letters</i> , 2011, 499, 59-63.	1.0	14
27	Cd modifies hepatic Zn deposition and modulates "ALA" activity and MT levels by distinct mechanisms. <i>Journal of Applied Toxicology</i> , 2012, 32, 20-25.	1.4	13
28	Water column depth and light intensity modulate the zebrafish preference response in the black/white test. <i>Neuroscience Letters</i> , 2016, 619, 131-136.	1.0	13
29	Toxicological profile and acetylcholinesterase inhibitory potential of <i>Palicourea deflexa</i> , a source of "carboline alkaloids. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 201, 44-50.	1.3	12
30	Grape seed proanthocyanidins improves mitochondrial function and reduces oxidative stress through an increase in sirtuin 3 expression in EA.hy926 cells in high glucose condition. <i>Molecular Biology Reports</i> , 2020, 47, 3319-3330.	1.0	12
31	Methionine Exposure Alters Glutamate Uptake and Adenine Nucleotide Hydrolysis in the Zebrafish Brain. <i>Molecular Neurobiology</i> , 2016, 53, 200-209.	1.9	10
32	<i>Lactobacillus rhamnosus</i> GG Effect on Behavior of Zebrafish During Chronic Ethanol Exposure. <i>BioResearch Open Access</i> , 2016, 5, 1-5.	2.6	10
33	Memantine decreases neuronal degeneration in young rats submitted to LiCl-pilocarpine-induced status epilepticus. <i>NeuroToxicology</i> , 2018, 66, 45-52.	1.4	10
34	Differential impact of shorter and longer periods of environmental enrichment on adult zebrafish exploratory activity (<i>Danio rerio</i>) in the novel tank paradigm. <i>Behavioural Processes</i> , 2020, 181, 104278.	0.5	10
35	Evaluation of zinc effect on cadmium action in lipid peroxidation and metallothionein levels in the brain. <i>Toxicology Reports</i> , 2015, 2, 858-863.	1.6	9
36	Crosstalk Among Disrupted Glutamatergic and Cholinergic Homeostasis and Inflammatory Response in Mechanisms Elicited by Proline in Astrocytes. <i>Molecular Neurobiology</i> , 2016, 53, 1065-1079.	1.9	9

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37	Chronic exposure to ethanol alters the expression of miR-155, miR-122 and miR-217 in alcoholic liver disease in an adult zebrafish model. <i>Biomarkers</i> , 2021, 26, 146-151.	0.9	9
38	Low-intensity physical training recovers object recognition memory impairment in rats after early-life induced Status epilepticus. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 196-201.	0.7	8
39	Coriandrum sativum Extract Prevents Alarm Substance-Induced Fear- and Anxiety-Like Responses in Adult Zebrafish. <i>Zebrafish</i> , 2020, 17, 120-130.	0.5	8
40	Time-of-day influence on exploratory behaviour of rats exposed to an unfamiliar environment. <i>Behaviour</i> , 2014, 151, 1943-1966.	0.4	7
41	Teratogenic and anticonvulsant effects of zinc and copper valproate complexes in zebrafish. <i>Epilepsy Research</i> , 2018, 139, 171-179.	0.8	7
42	Early life LiCl-pilocarpine-induced status epilepticus reduces acutely hippocampal glutamate uptake and Na ⁺ /K ⁺ ATPase activity. <i>Brain Research</i> , 2011, 1369, 167-172.	1.1	6
43	Topographical Analysis of Reactive Zinc in the Central Nervous System of Adult Zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.5	6
44	Fetal alcohol spectrum disorders model alters the functionality of glutamatergic neurotransmission in adult zebrafish. <i>NeuroToxicology</i> , 2020, 78, 152-160.	1.4	6
45	Effects of acute seizures on cell proliferation, synaptic plasticity and long-term behavior in adult zebrafish. <i>Brain Research</i> , 2021, 1756, 147334.	1.1	6
46	Betulinic Acid and Brosimine B Hybrid Derivatives as Potential Agents against Female Cancers. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 622-633.	0.9	6
47	37 years of scientific activity in a Biochemistry Department in Brazil: patterns of growth and factors leading to increased productivity. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 1121-1130.	0.3	4
48	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
49	An optimized method for adult zebrafish brain-tissue dissociation that allows access mitochondrial function under healthy and epileptic conditions. <i>Brain Research</i> , 2021, 1765, 147498.	1.1	2
50	Cellular Senescence Induced by Prolonged Subculture Adversely Affects Glutamate Uptake in C6 Lineage. <i>Neurochemical Research</i> , 2014, 39, 973-984.	1.6	1
51	Effect of glutamine and cysteine supplementation on quality of cryopreserved sperm of South American silver catfish. <i>Aquaculture Research</i> , 2021, 52, 2173-2181.	0.9	0