

Diogo Losch de Oliveira

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

990
citations

18
h-index

30
g-index

51
ext. papers

1,164
ext. citations

3.7
avg. IF

3.91
L-index

#	Paper	IF	Citations
51	Prolonged ethanol exposure alters glutamate uptake leading to astrogliosis and neuroinflammation in adult zebrafish brain. <i>NeuroToxicology</i> , 2021 , 88, 57-64	4.4	1
50	Effect of glutamine and cysteine supplementation on quality of cryopreserved sperm of South American silver catfish. <i>Aquaculture Research</i> , 2021 , 52, 2173-2181	1.9	
49	Effects of acute seizures on cell proliferation, synaptic plasticity and long-term behavior in adult zebrafish. <i>Brain Research</i> , 2021 , 1756, 147334	3.7	1
48	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	3.2	11
47	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	2.6	1
46	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	3.7	
45	Extract Prevents Alarm Substance-Induced Fear- and Anxiety-Like Responses in Adult Zebrafish. <i>Zebrafish</i> , 2020 , 17, 120-130	2	4
44	Fetal alcohol spectrum disorders model alters the functionality of glutamatergic neurotransmission in adult zebrafish. <i>NeuroToxicology</i> , 2020 , 78, 152-160	4.4	5
43	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	2.8	6
42	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	2.2	4
41	Histopathological, genotoxic, and behavioral damages induced by manganese (II) in adult zebrafish. <i>Chemosphere</i> , 2020 , 244, 125550	8.4	7
40	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	1.6	6
39	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	4.4	11
38	Environmental enrichment modulates the response to chronic stress in zebrafish. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	43
37	Effects of dexamethasone on the Li-pilocarpine model of epilepsy: protection against hippocampal inflammation and astrogliosis. <i>Journal of Neuroinflammation</i> , 2018 , 15, 68	10.1	24
36	Memantine decreases neuronal degeneration in young rats submitted to LiCl-pilocarpine-induced status epilepticus. <i>NeuroToxicology</i> , 2018 , 66, 45-52	4.4	7
35	Teratogenic and anticonvulsant effects of zinc and copper valproate complexes in zebrafish. <i>Epilepsy Research</i> , 2018 , 139, 171-179	3	4

34	Embryonic alcohol exposure leading to social avoidance and altered anxiety responses in adult zebrafish. <i>Behavioural Brain Research</i> , 2018 , 352, 62-69	3.4	21
33	Phase-Dependent Astroglial Alterations in Li-Pilocarpine-Induced Status Epilepticus in Young Rats. <i>Neurochemical Research</i> , 2017 , 42, 2730-2742	4.6	10
32	Toxicological profile and acetylcholinesterase inhibitory potential of Palicourea deflexa, a source of Ecaboline alkaloids. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017 , 201, 44-50	3.2	10
31	Embryonic alcohol exposure promotes long-term effects on cerebral glutamate transport of adult zebrafish. <i>Neuroscience Letters</i> , 2017 , 636, 265-269	3.3	16
30	Metabotropic glutamate receptors as a new therapeutic target for malignant gliomas. <i>Oncotarget</i> , 2017 , 8, 22279-22298	3.3	28
29	Methionine Exposure Alters Glutamate Uptake and Adenine Nucleotide Hydrolysis in the Zebrafish Brain. <i>Molecular Neurobiology</i> , 2016 , 53, 200-209	6.2	7
28	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	6.2	5
27	Lactobacillus rhamnosus GG Effect on Behavior of Zebrafish During Chronic Ethanol Exposure. <i>BioResearch Open Access</i> , 2016 , 5, 1-5	2.4	8
26	Water column depth and light intensity modulate the zebrafish preference response in the black/white test. <i>Neuroscience Letters</i> , 2016 , 619, 131-6	3.3	9
25	Anticonvulsant properties of Euterpe oleracea in mice. <i>Neurochemistry International</i> , 2015 , 90, 20-7	4.4	29
24	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	3.1	14
23	Evaluation of zinc effect on cadmium action in lipid peroxidation and metallothionein levels in the brain. <i>Toxicology Reports</i> , 2015 , 2, 858-863	4.8	5
22	Cellular senescence induced by prolonged subculture adversely affects glutamate uptake in C6 lineage. <i>Neurochemical Research</i> , 2014 , 39, 973-84	4.6	1
21	Anxiolytic effects of diphenyl diselenide on adult zebrafish in a novelty paradigm. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 54, 187-94	5.5	27
20	Time-of-day influence on exploratory behaviour of rats exposed to an unfamiliar environment. <i>Behaviour</i> , 2014 , 151, 1943-1966	1.4	7
19	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, 822-8	3.6	22
18	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	2.7	8
17	Topographical analysis of reactive zinc in the central nervous system of adult zebrafish (Danio rerio). <i>Zebrafish</i> , 2013 , 10, 376-88	2	6

16	Seizures induced by pentylenetetrazole in the adult zebrafish: a detailed behavioral characterization. <i>PLoS ONE</i> , 2013 , 8, e54515	3.7	73
15	Cd modifies hepatic Zn deposition and modulates β ALA-D activity and MT levels by distinct mechanisms. <i>Journal of Applied Toxicology</i> , 2012 , 32, 20-5	4.1	12
14	Behavioral effects of taurine pretreatment in zebrafish acutely exposed to ethanol. <i>Neuropharmacology</i> , 2012 , 63, 613-23	5.5	111
13	Ketamine reduces neuronal degeneration and anxiety levels when administered during early life-induced status epilepticus in rats. <i>Brain Research</i> , 2012 , 1474, 110-7	3.7	34
12	A comparison of the light/dark and novel tank tests in zebrafish. <i>Behaviour</i> , 2012 , 149, 1099-1123	1.4	54
11	Impairment of the organization of locomotor and exploratory behaviors in bile duct-ligated rats. <i>PLoS ONE</i> , 2012 , 7, e36322	3.7	25
10	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	3.3	9
9	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, 1121-30	1.4	2
8	Differences in spatio-temporal behavior of zebrafish in the open tank paradigm after a short-period confinement into dark and bright environments. <i>PLoS ONE</i> , 2011 , 6, e19397	3.7	117
7	Early life LiCl-pilocarpine-induced status epilepticus reduces acutely hippocampal glutamate uptake and Na ⁺ /K ⁺ ATPase activity. <i>Brain Research</i> , 2011 , 1369, 167-72	3.7	5
6	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. <i>Neurochemical Research</i> , 2011 , 36, 506-17	4.6	21
5	Hyperhomocysteinemia reduces glutamate uptake in parietal cortex of rats. <i>International Journal of Developmental Neuroscience</i> , 2010 , 28, 183-7	2.7	15
4	Expression and functional analysis of Na ⁽⁺⁾ -dependent glutamate transporters from zebrafish brain. <i>Brain Research Bulletin</i> , 2010 , 81, 517-23	3.9	39
3	Effects of early-life LiCl-pilocarpine-induced status epilepticus on memory and anxiety in adult rats are associated with mossy fiber sprouting and elevated CSF S100B protein. <i>Epilepsia</i> , 2008 , 49, 842-52	6.4	32
2	Gestational and postnatal malnutrition affects sensitivity of young rats to picrotoxin and quinolinic acid and uptake of GABA by cortical and hippocampal slices. <i>Developmental Brain Research</i> , 2005 , 154, 177-85		24
1	Quinolinic acid promotes seizures and decreases glutamate uptake in young rats: reversal by orally administered guanosine. <i>Brain Research</i> , 2004 , 1018, 48-54	3.7	49