

Jade de Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,241
citations

393982

19
h-index

395343

33
g-index

51
all docs

51
docs citations

51
times ranked

1663
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The role of CREB and BDNF in neurobiology and treatment of Alzheimer's disease. <i>Life Sciences</i> , 2020, 257, 118020. | 2.0 | 198 |
| 2 | Positive correlation between elevated plasma cholesterol levels and cognitive impairments in LDL receptor knockout mice: relevance of cortico-cerebral mitochondrial dysfunction and oxidative stress. <i>Neuroscience</i> , 2011, 197, 99-106. | 1.1 | 86 |
| 3 | Oxidative stress-mediated inhibition of brain creatine kinase activity by methylmercury. <i>NeuroToxicology</i> , 2010, 31, 454-460. | 1.4 | 57 |
| 4 | Long-term and low-dose malathion exposure causes cognitive impairment in adult mice: evidence of hippocampal mitochondrial dysfunction, astrogliosis and apoptotic events. <i>Archives of Toxicology</i> , 2016, 90, 647-660. | 1.9 | 56 |
| 5 | Hippocampal Function Is Impaired by a Short-Term High-Fat Diet in Mice: Increased Blood-Brain Barrier Permeability and Neuroinflammation as Triggering Events. <i>Frontiers in Neuroscience</i> , 2021, 15, 734158. | 1.4 | 55 |
| 6 | Proanthocyanidin-rich fraction from <i>Croton celtidifolius</i> Baill confers neuroprotection in the intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine rat model of Parkinson's disease. <i>Journal of Neural Transmission</i> , 2010, 117, 1337-1351. | 1.4 | 53 |
| 7 | Age-Related Cognitive Decline in Hypercholesterolemic LDL Receptor Knockout Mice (LDL ^{-/-}): Evidence of Antioxidant Imbalance and Increased Acetylcholinesterase Activity in the Prefrontal Cortex. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 495-511. | 1.2 | 53 |
| 8 | Increased Susceptibility to Amyloid- β -Induced Neurotoxicity in Mice Lacking the Low-Density Lipoprotein Receptor. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 43-60. | 1.2 | 48 |
| 9 | Does Methylmercury-Induced Hypercholesterolemia Play a Causal Role in Its Neurotoxicity and Cardiovascular Disease?. <i>Toxicological Sciences</i> , 2012, 130, 373-382. | 1.4 | 44 |
| 10 | Inflammatory Cascade in Alzheimer's Disease Pathogenesis: A Review of Experimental Findings. <i>Cells</i> , 2021, 10, 2581. | 1.8 | 42 |
| 11 | Hypercholesterolemia induces short-term spatial memory impairments in mice: up-regulation of acetylcholinesterase activity as an early and causal event?. <i>Journal of Neural Transmission</i> , 2014, 121, 415-426. | 1.4 | 36 |
| 12 | High Cholesterol Diet Exacerbates Blood-Brain Barrier Disruption in LDL ^{-/-} Mice: Impact on Cognitive Function. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 97-115. | 1.2 | 35 |
| 13 | Diphenyl Diselenide Prevents Cortico-cerebral Mitochondrial Dysfunction and Oxidative Stress Induced by Hypercholesterolemia in LDL Receptor Knockout Mice. <i>Neurochemical Research</i> , 2013, 38, 2028-2036. | 1.6 | 32 |
| 14 | Animal Models of Metabolic Disorders in the Study of Neurodegenerative Diseases: An Overview. <i>Frontiers in Neuroscience</i> , 2020, 14, 604150. | 1.4 | 31 |
| 15 | Probulcol mitigates streptozotocin-induced cognitive and biochemical changes in mice. <i>Neuroscience</i> , 2015, 284, 590-600. | 1.1 | 29 |
| 16 | Creatine Prevents Corticosterone-Induced Reduction in Hippocampal Proliferation and Differentiation: Possible Implication for Its Antidepressant Effect. <i>Molecular Neurobiology</i> , 2017, 54, 6245-6260. | 1.9 | 27 |
| 17 | Brain-Defective Insulin Signaling Is Associated to Late Cognitive Impairment in Post-Septic Mice. <i>Molecular Neurobiology</i> , 2018, 55, 435-444. | 1.9 | 26 |
| 18 | Diphenyl diselenide protects endothelial cells against oxidized low density lipoprotein-induced injury: Involvement of mitochondrial function. <i>Biochimie</i> , 2014, 105, 172-181. | 1.3 | 25 |

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|----|--|-----|-----------|
| 19 | Is there an association between hypercholesterolemia and depression? Behavioral evidence from the LDLr ^{-/-} mouse experimental model. <i>Behavioural Brain Research</i> , 2016, 311, 31-38. | 1.2 | 24 |
| 20 | High fat diet-induced obesity causes a reduction in brain tyrosine hydroxylase levels and non-motor features in rats through metabolic dysfunction, neuroinflammation and oxidative stress. <i>Nutritional Neuroscience</i> , 2022, 25, 1026-1040. | 1.5 | 21 |
| 21 | Duloxetine Protects Human Neuroblastoma Cells from Oxidative Stress-Induced Cell Death Through Akt/Nrf-2/HO-1 Pathway. <i>Neurochemical Research</i> , 2018, 43, 387-396. | 1.6 | 20 |
| 22 | Impaired adult hippocampal neurogenesis in a mouse model of familial hypercholesterolemia: A role for the LDL receptor and cholesterol metabolism in adult neural precursor cells. <i>Molecular Metabolism</i> , 2019, 30, 1-15. | 3.0 | 19 |
| 23 | Effects of lifestyle modifications on cognitive impairments in a mouse model of hypercholesterolemia. <i>Neuroscience Letters</i> , 2013, 541, 193-198. | 1.0 | 18 |
| 24 | Decrement in resting and insulin-stimulated soleus muscle mitochondrial respiration is an early event in diet-induced obesity in mice. <i>Experimental Physiology</i> , 2019, 104, 306-321. | 0.9 | 18 |
| 25 | Acute exposure to leucine modifies behavioral parameters and cholinergic activity in zebrafish. <i>International Journal of Developmental Neuroscience</i> , 2019, 78, 222-226. | 0.7 | 17 |
| 26 | LDL Receptor Deficiency Does not Alter Brain Amyloid- β^2 Levels but Causes an Exacerbation of Apoptosis. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 585-596. | 1.2 | 16 |
| 27 | Acute exposure of rabbits to diphenyl diselenide: a toxicological evaluation. <i>Journal of Applied Toxicology</i> , 2010, 30, 761-768. | 1.4 | 14 |
| 28 | Omega-3 fatty acid supplementation can prevent changes in mitochondrial energy metabolism and oxidative stress caused by chronic administration of L-tyrosine in the brain of rats. <i>Metabolic Brain Disease</i> , 2019, 34, 1207-1219. | 1.4 | 13 |
| 29 | Disubstituted diaryl diselenides as potential atheroprotective compounds: Involvement of TrxR and GPx-like systems. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 717-725. | 1.9 | 10 |
| 30 | Administration of branched-chain amino acids increases the susceptibility to lipopolysaccharide-induced inflammation in young Wistar rats. <i>International Journal of Developmental Neuroscience</i> , 2019, 78, 210-214. | 0.7 | 10 |
| 31 | Nanotechnology as a therapeutic strategy to prevent neuropsychomotor alterations associated with hypercholesterolemia. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 201, 111608. | 2.5 | 10 |
| 32 | Efficacy of Donepezil for Cognitive Impairments in Familial Hypercholesterolemia: Preclinical Proof of Concept. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 964-966. | 1.9 | 9 |
| 33 | Caffeine Mitigates the Locomotor Hyperactivity in Middle-aged Low-density Lipoprotein Receptor (<sc>LDL</sc>)-knockout Mice. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 420-422. | 1.9 | 8 |
| 34 | The metabolic effect of β -ketoisocaproic acid: in vivo and in vitro studies. <i>Metabolic Brain Disease</i> , 2021, 36, 185-192. | 1.4 | 8 |
| 35 | Experimental evidence of tyrosine neurotoxicity: focus on mitochondrial dysfunction. <i>Metabolic Brain Disease</i> , 2021, 36, 1673-1685. | 1.4 | 8 |
| 36 | Red wine consumption mitigates the cognitive impairments in low-density lipoprotein receptor knockout (LDLr ^{-/-}) mice. <i>Nutritional Neuroscience</i> , 2020, 24, 1-11. | 1.5 | 7 |

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|----|---|-----|-----------|
| 37 | Intranasal HSP70 administration protects against dopaminergic denervation and modulates neuroinflammatory response in the 6-OHDA rat model. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 14, 100253. | 1.3 | 7 |
| 38 | Diphenyl diselenide differently modulates cardiovascular redox responses in young adult and middle-aged low-density lipoprotein receptor knockout hypercholesterolemic mice. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 387-397. | 1.2 | 6 |
| 39 | Atorvastatin Improves Mitochondrial Function and Prevents Oxidative Stress in Hippocampus Following Amyloid- β 40 Intracerebroventricular Administration in Mice. <i>Molecular Neurobiology</i> , 2020, 57, 4187-4201. | 1.9 | 6 |
| 40 | Melatonin ameliorates oxidative stress and DNA damage of rats subjected to a chemically induced chronic model of Maple Syrup Urine Disease. <i>Metabolic Brain Disease</i> , 2020, 35, 905-914. | 1.4 | 6 |
| 41 | Evidence of hippocampal astrogliosis and antioxidant imbalance after L-tyrosine chronic administration in rats. <i>Metabolic Brain Disease</i> , 2020, 35, 193-200. | 1.4 | 5 |
| 42 | Effects of omega-3 fatty acids supplementation on inflammatory parameters after chronic administration of L-tyrosine. <i>Metabolic Brain Disease</i> , 2020, 35, 295-303. | 1.4 | 5 |
| 43 | Administration of branched-chain amino acids alters epigenetic regulatory enzymes in an animal model of Maple Syrup Urine Disease. <i>Metabolic Brain Disease</i> , 2021, 36, 247-254. | 1.4 | 5 |
| 44 | Facial hyperalgesia due to direct action of endothelin-1 in the trigeminal ganglion of mice. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 893-900. | 1.2 | 4 |
| 45 | Oral administration of D-galactose increases brain tricarboxylic acid cycle enzymes activities in Wistar rats. <i>Metabolic Brain Disease</i> , 2021, 36, 1057-1067. | 1.4 | 4 |
| 46 | Role of toll-like receptor 4 and sex in 6-hydroxydopamine-induced behavioral impairments and neurodegeneration in mice. <i>Neurochemistry International</i> , 2021, 151, 105215. | 1.9 | 4 |
| 47 | Atheroprotective action of a modified organoselenium compound: in vitro evidence. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1953-1965. | 0.3 | 3 |
| 48 | Cholesterol Levels and Cognitive Impairments. , 2015, , 743-751. | | 2 |
| 49 | Amyloid beta β 42-induced animal model of dementia. , 2020, , 865-880. | | 1 |
| 50 | Influence of Hypercholesterolemia on Cerebral Oxidative Stress and Cell Damage Induced by Beta Amyloid Peptide in the Low Density Lipoprotein Receptor Knockout Mice. <i>Free Radical Biology and Medicine</i> , 2012, 53, S63. | 1.3 | 0 |
| 51 | Low-density Lipoprotein Receptor: A Promising Therapeutic Target to Promote Cerebral Beta-amyloid Clearance?. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 877-878. | 1.9 | 0 |