

# Eduardo Luiz Gasnhar Moreira

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,431  
citations

304368

22  
h-index

329751

37  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2262  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Short bouts of mild-intensity physical exercise improve spatial learning and memory in aging rats: Involvement of hippocampal plasticity via AKT, CREB and BDNF signaling. <i>Mechanisms of Ageing and Development</i> , 2011, 132, 560-567.                                | 2.2 | 219       |
| 2  | Improved neuroprotective effects of resveratrol-loaded polysorbate 80-coated poly(lactide) nanoparticles in MPTP-induced Parkinsonism. <i>Nanomedicine</i> , 2015, 10, 1127-1138.   | 1.7 | 99        |
| 3  | 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        |
| 4  | The Intranasal Administration of 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine (MPTP): A New Rodent Model to Test Palliative and Neuroprotective Agents for Parkinson's disease. <i>Current Pharmaceutical Design</i> , 2011, 17, 489-507.                                   | 0.9 | 75        |
| 5  | Probucol, a lipid-lowering drug, prevents cognitive and hippocampal synaptic impairments induced by amyloid $\beta^2$ peptide in mice. <i>Experimental Neurology</i> , 2012, 233, 767-775.  | 2.0 | 70        |
| 6  | Probucol Increases Striatal Glutathione Peroxidase Activity and Protects against 3-Nitropropionic Acid-Induced Pro-Oxidative Damage in Rats. <i>PLoS ONE</i> , 2013, 8, e67658.   | 1.1 | 58        |
| 7  | 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        |
| 8  | 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        |
| 9  | Age-Related Cognitive Decline in Hypercholesterolemic LDL Receptor Knockout Mice (LDLr <sup>-/-</sup> ): 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        |
| 10 | Increased Susceptibility to Amyloid- $\beta^2$ -Induced Neurotoxicity in Mice Lacking the Low-Density Lipoprotein Receptor. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 43-60.  | 1.2 | 48        |
| 11 | 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        |
| 12 | Probucol Affords Neuroprotection in a 6-OHDA Mouse Model of Parkinson's Disease. <i>Neurochemical Research</i> , 2013, 38, 660-668.   | 1.6 | 37        |
| 13 | Spatial reference memory deficits precede motor dysfunction in an experimental autoimmune encephalomyelitis model: The role of kallikrein-kinin system. <i>Brain, Behavior, and Immunity</i> , 2013, 33, 90-101.  | 2.0 | 37        |
| 14 | 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        |
| 15 | Exercise attenuates levodopa-induced dyskinesia in 6-hydroxydopamine-lesioned mice. <i>Neuroscience</i> , 2013, 243, 46-53.   | 1.1 | 35        |
| 16 | High Cholesterol Diet Exacerbates Blood-Brain Barrier Disruption in LDLr <sup>-/-</sup> Mice: Impact on Cognitive Function. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 97-115.   | 1.2 | 35        |
| 17 | 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        |
| 18 | Probucol mitigates streptozotocin-induced cognitive and biochemical changes in mice. <i>Neuroscience</i> , 2015, 284, 590-600.  | 1.1 | 29        |

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|----|--|-----|-----------|
| 19 | Central nervous system activity of the proanthocyanidin-rich fraction obtained from <i>Croton celtidifolius</i> in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 1061-1068.  | 1.2 | 26        |
| 20 | A selanylimidazopyridine (3-SePh-IP) reverses the prodepressant- and anxiogenic-like effects of a high-fat/high-fructose diet in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 673-681.                                  | 1.2 | 25        |
| 21 | Mechanisms Underlying the Vasorelaxant Effect Induced by Proanthocyanidin-Rich Fraction From <i>Croton celtidifolius</i> in Rat Small Resistance Arteries. <i>Journal of Pharmacological Sciences</i> , 2008, 106, 234-241.              | 1.1 | 24        |
| 22 | Is there an association between hypercholesterolemia and depression? Behavioral evidence from the LDLr <sup>-/-</sup> mouse experimental model. <i>Behavioural Brain Research</i> , 2016, 311, 31-38.                                    | 1.2 | 24        |
| 23 | Six Weeks of Voluntary Exercise don't Protect C57BL/6 Mice Against Neurotoxicity of MPTP and MPP <sup>+</sup> . <i>Neurotoxicity Research</i> , 2014, 25, 147-152.   | 1.3 | 23        |
| 24 | Behavioural, metabolic and neurochemical effects of environmental enrichment in high-fat cholesterol-enriched diet-fed mice. <i>Behavioural Brain Research</i> , 2019, 359, 648-656.   | 1.2 | 20        |
| 25 | Glucose-dependent insulinotropic peptide receptor expression in the hippocampus and neocortex of mesial temporal lobe epilepsy patients and rats undergoing pilocarpine induced status epilepticus. <i>Peptides</i> , 2011, 32, 781-789. | 1.2 | 18        |
| 26 | Effects of lifestyle modifications on cognitive impairments in a mouse model of hypercholesterolemia. <i>Neuroscience Letters</i> , 2013, 541, 193-198.  | 1.0 | 18        |
| 27 | Cellular prion protein is present in dopaminergic neurons and modulates the dopaminergic system. <i>European Journal of Neuroscience</i> , 2014, 40, 2479-2486.  | 1.2 | 15        |
| 28 | Moderate traumatic brain injury increases the vulnerability to neurotoxicity induced by systemic administration of 6-hydroxydopamine in mice. <i>Brain Research</i> , 2017, 1663, 78-86.   | 1.1 | 12        |
| 29 | Animal models of olfactory dysfunction in neurodegenerative diseases. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 164, 431-452.  | 1.0 | 12        |
| 30 | Succinobucol, a Non-Statins Hypocholesterolemic Drug, Prevents Premotor Symptoms and Nigrostriatal Neurodegeneration in an Experimental Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 1513-1530.               | 1.9 | 11        |
| 31 | Impact of different fructose concentrations on metabolic and behavioral parameters of male and female mice. <i>Physiology and Behavior</i> , 2021, 228, 113187.  | 1.0 | 11        |
| 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 | Effects of <i>Hypericum perforatum</i> on turning behavior in an animal model of Parkinson's disease. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015, 51, 111-115.   | 1.2 | 9         |
| 34 | Probucol Protects Neuronal Cells Against Peroxide-Induced Damage and Directly Activates Glutathione Peroxidase-1. <i>Molecular Neurobiology</i> , 2020, 57, 3245-3257.   | 1.9 | 9         |
| 35 | Caffeine Mitigates the Locomotor Hyperactivity in Middle-Aged Low-Density Lipoprotein Receptor (LDL <sup>r</sup> ) Knockout Mice. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 420-422.  | 1.9 | 8         |
| 36 | Enriched environment ameliorates dexamethasone effects on emotional reactivity and metabolic parameters in mice. <i>Stress</i> , 2020, 23, 466-473.  | 0.8 | 8         |

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|----|---|-----|-----------|
| 37 | Switching from high-fat feeding (HFD) to regular diet improves metabolic and behavioral impairments in middle-aged female mice. <i>Behavioural Brain Research</i> , 2021, 398, 112969.  | 1.2 | 8         |
| 38 | An unsolved puzzle: the complex interplay between methylmercury and fish oil-derived fatty acids within the cardiovascular system. <i>Toxicology Research</i> , 2014, 3, 300.   | 0.9 | 7         |
| 39 | Assessment of In Vitro Biological Activities of Anthocyanins-Rich Plant Species Based on <i>Plinia cauliflora</i> Study Model. <i>Methods in Molecular Biology</i> , 2016, 1391, 65-80.   | 0.4 | 7         |
| 40 | Glucose Homeostasis Is Not Affected in a Murine Model of Parkinson's Disease Induced by 6-OHDA. <i>Frontiers in Neuroscience</i> , 2018, 12, 1020.  | 1.4 | 7         |
| 41 | Red wine consumption mitigates the cognitive impairments in low-density lipoprotein receptor knockout (LDLR <sup>-/-</sup> ) mice. <i>Nutritional Neuroscience</i> , 2020, 24, 1-11.  | 1.5 | 7         |
| 42 | 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         |
| 43 | Hypercholesterolemia impairs contextual fear conditioning memory formation in female mice. <i>NeuroReport</i> , 2018, 29, 1140-1143.  | 0.6 | 3         |
| 44 | Cholesterol Levels and Cognitive Impairments. , 2015, , 743-751.  |     | 2         |
| 45 | 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         |