# Larissa Daniele Bobermin

List of Publications by Year
in descending order



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|---|---|---|---|
| 46 papers | 1,257 citations | 304743 22 h-index | 377865 34 g-index |
| 47 all docs | 47 docs citations | 47 times ranked | 1874 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sulforaphane Induces Glioprotection After LPS Challenge. Cellular and Molecular Neurobiology, 2022, 42, 829-846. | 3.3 | 9 |
| 2 | Lipopolysaccharide Induces Gliotoxicity in Hippocampal Astrocytes from Aged Rats: Insights About the Glioprotective Roles of Resveratrol. Molecular Neurobiology, 2022, 59, 1419-1439. | 4.0 | 8 |
| 3 | Glioprotective Effects of Resveratrol Against BMAA-Induced Astroglial Dysfunctions. Neurotoxicity Research, 2022, 40, 530-541. | 2.7 | 2 |
| 4 | Systemic, Intrathecal, and Intracerebroventricular Antihyperalgesic Effects of the Calcium Channel Blocker CTK 01512â€“2 Toxin in Persistent Pain Models. Molecular Neurobiology, 2022, , . | 4.0 | 2 |
| 5 | Short-Term Alterations in Behavior and Astroglial Function After Intracerebroventricular Infusion of Methylglyoxal in Rats. Neurochemical Research, 2021, 46, 183-196. | 3.3 | 14 |
| 6 | Homocysteine and Gliotoxicity. Neurotoxicity Research, 2021, 39, 966-974. | 2.7 | 8 |
| 7 | COVID-19 and hyperammonemia: Potential interplay between liver and brain dysfunctions. Brain, Behavior, & Immunity - Health, 2021, 14, 100257. | 2.5 | 11 |
| 8 | Mild Hyperhomocysteinemia Causes Anxiety-like Behavior and Brain Hyperactivity in Rodents: Are ATPase and Excitotoxicity by NMDA Receptor Overstimulation Involved in this Effect?. Cellular and Molecular Neurobiology, 2021, , 1. | 3.3 | 1 |
| 9 | Potential Glioprotective Strategies Against Diabetes-Induced Brain Toxicity. Neurotoxicity Research, 2021, 39, 1651-1664. | 2.7 | 2 |
| 10 | Gliotoxicity and Glioprotection: the Dual Role of Glial Cells. Molecular Neurobiology, 2021, 58, 6577-6592. | 4.0 | 16 |
| 11 | Zika virus exposure affects neuron-glia communication in the hippocampal slices of adult rats. Scientific Reports, 2020, 10, 21604. | 3.3 | 15 |
| 12 | Ammonia-Induced Glial-Inflammaging. Molecular Neurobiology, 2020, 57, 3552-3567. | 4.0 | 30 |
| 13 | Cross-talk between guanidinoacetate neurotoxicity, memory and possible neuroprotective role of creatine. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 165529. | 3.8 | 10 |
| 14 | High-glucose medium induces cellular differentiation and changes in metabolic functionality of oligodendroglia. Molecular Biology Reports, 2019, 46, 4817-4826. | 2.3 | 8 |
| 15 | Adenosine receptors as a new target for resveratrol-mediated glioprotection. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 634-647. | 3.8 | 41 |
| 16 | Evidence that thiol group modification and reactive oxygen species are involved in hydrogen sulfide-induced mitochondrial permeability transition pore opening in rat cerebellum. Mitochondrion, 2019, 47, 141-150. | 3.4 | 7 |
| 17 | Systemic Inflammation as a Driver of Brain Injury: the Astrocyte as an Emerging Player. Molecular Neurobiology, 2018, 55, 2685-2695. | 4.0 | 48 |
| 18 | Homocysteine Induces Glial Reactivity in Adult Rat Astrocyte Cultures. Molecular Neurobiology, 2018, 55, 1966-1976. | 4.0 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Resveratrol prevents ammonia-induced mitochondrial dysfunction and cellular redox imbalance in C6 astroglial cells. Nutritional Neuroscience, 2018, 21, 276-285. | 3.1 | 24 |
| 20 | Age-Dependent Neurochemical Remodeling of Hypothalamic Astrocytes. Molecular Neurobiology, 2018, 55, 5565-5579. | 4.0 | 20 |
| 21 | Leptin stimulates the release of pro-inflammatory cytokines in hypothalamic astrocyte cultures from adult and aged rats. Metabolic Brain Disease, 2018, 33, 2059-2063. | 2.9 | 19 |
| 22 | Differential effects of typical and atypical antipsychotics on astroglial cells in vitro. International Journal of Developmental Neuroscience, 2018, 69, 1-9. | 1.6 | 16 |
| 23 | Resveratrol modulates GSH system in C6 astroglial cells through heme oxygenase 1 pathway. Molecular and Cellular Biochemistry, 2017, 428, 67-77. | 3.1 | 30 |
| 24 | Bioenergetics dysfunction, mitochondrial permeability transition pore opening and lipid peroxidation induced by hydrogen sulfide as relevant pathomechanisms underlying the neurological dysfunction characteristic of ethylmalonic encephalopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2192-2201. | 3.8 | 17 |
| 25 | Physical exercise reverses spatial memory deficit and induces hippocampal astrocyte plasticity in diabetic rats. Brain Research, 2017, 1655, 242-251. | 2.2 | 31 |
| 26 | Fluctuations in glucose levels induce glial toxicity with glutamatergic, oxidative and inflammatory implications. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1-14. | 3.8 | 45 |
| 27 | Signaling mechanisms underlying the glioprotective effects of resveratrol against mitochondrial dysfunction. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1827-1838. | 3.8 | 34 |
| 28 | Anti-aging effects of guanosine in glial cells. Purinergic Signalling, 2016, 12, 697-706. | 2.2 | 24 |
| 29 | Gap Junction Intercellular Communication Mediates Ammonia-Induced Neurotoxicity. Neurotoxicity Research, 2016, 29, 314-324. | 2.7 | 10 |
| 30 | Lipoic acid and N-acetylcysteine prevent ammonia-induced inflammatory response in C6 astroglial cells: The putative role of ERK and HO1 signaling pathways. Toxicology in Vitro, 2015, 29, 1350-1357. | 2.4 | 20 |
| 31 | Ammonia-induced oxidative damage in neurons is prevented by resveratrol and lipoic acid with participation of heme oxygenase 1. NeuroToxicology, 2015, 49, 28-35. | 3.0 | 50 |
| 32 | Ammonia impairs glutamatergic communication in astroglial cells: protective role of resveratrol. Toxicology in Vitro, 2015, 29, 2022-2029. | 2.4 | 23 |
| 33 | Resveratrol Protects Hippocampal Astrocytes Against LPS-Induced Neurotoxicity Through HO-1, p38 and ERK Pathways. Neurochemical Research, 2015, 40, 1600-1608. | 3.3 | 37 |
| 34 | Guanosine inhibits LPS-induced pro-inflammatory response and oxidative stress in hippocampal astrocytes through the heme oxygenase-1 pathway. Purinergic Signalling, 2015, 11, 571-580. | 2.2 | 72 |
| 35 | Guanosine protects C6 astroglial cells against azideâ€induced oxidative damage: a putative role of heme oxygenase 1. Journal of Neurochemistry, 2014, 130, 61-74. | 3.9 | 57 |
| 36 | Oxidative stress mediated by NMDA, AMPA/KA channels in acute hippocampal slices: Neuroprotective effect of resveratrol. Toxicology in Vitro, 2014, 28, 544-551. | 2.4 | 66 |

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|---|---|---|---|
| 37 | Gliopreventive effects of guanosine against glucose deprivation in vitro. Purinergic Signalling, 2013, 9, 643-654. | 2.2 | 34 |
| 38 | Lipoic acid protects C6 cells against ammonia exposure through Na+-K+-Clâ^' co-transporter and PKC pathway. Toxicology in Vitro, 2013, 27, 2041-2048. | 2.4 | 12 |
| 39 | Lipoic acid increases glutamate uptake, glutamine synthetase activity and glutathione content in C6 astrocyte cell line. International Journal of Developmental Neuroscience, 2013, 31, 165-170. | 1.6 | 28 |
| 40 | Resveratrol Protects C6 Astrocyte Cell Line against Hydrogen Peroxide-Induced Oxidative Stress through Heme Oxygenase 1. PLoS ONE, 2013, 8, e64372. | 2.5 | 114 |
| 41 | Methylglyoxal alters glucose metabolism and increases AGEs content in C6 glioma cells. Metabolic Brain Disease, 2012, 27, 531-539. | 2.9 | 15 |
| 42 | Resveratrol Prevents Ammonia Toxicity in Astroglial Cells. PLoS ONE, 2012, 7, e52164. | 2.5 | 64 |
| 43 | The neuroprotective effect of two statins: simvastatin and pravastatin on a streptozotocin-induced model of Alzheimerâ€™s disease in rats. Journal of Neural Transmission, 2011, 118, 1641-1649. | 2.8 | 44 |
| 44 | Effects of atypical (risperidone) and typical (haloperidol) antipsychotic agents on astroglial functions. European Archives of Psychiatry and Clinical Neuroscience, 2010, 260, 475-481. | 3.2 | 34 |
| 45 | Gap junction inhibitors modulate S100B secretion in astrocyte cultures and acute hippocampal slices. Journal of Neuroscience Research, 2009, 87, 2439-2446. | 2.9 | 36 |
| 46 | Atypical neuroleptic risperidone modulates glial functions in C6 astroglial cells. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 11-15. | 4.8 | 23 |