

# Monique Culturato Padilha Mendonça

## List of Publications by Year in descending order

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29  
papers

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citations

567144

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docs citations

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times ranked

1121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced graphene oxide induces transient blood-brain barrier opening: an in vivo study. <i>Journal of Nanobiotechnology</i> , 2015, 13, 78.	4.2	87
2	PEGylation of Reduced Graphene Oxide Induces Toxicity in Cells of the Blood-Brain Barrier: An <i>in Vitro</i> and <i>in Vivo</i> Study. <i>Molecular Pharmaceutics</i> , 2016, 13, 3913-3924.	2.3	71
3	Reduced graphene oxide: nanotoxicological profile in rats. <i>Journal of Nanobiotechnology</i> , 2016, 14, 53.	4.2	54
4	Jaboticaba berry peel intake prevents insulin-resistance-induced tau phosphorylation in mice. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600952.	1.5	45
5	Soft Nanohydrogels Based on Laponite Nanodiscs: A Versatile Drug Delivery Platform for Theranostics and Drug Cocktails. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21891-21900.	4.0	39
6	Jaboticaba berry peel intake increases short chain fatty acids production and prevent hepatic steatosis in mice fed high-fat diet. <i>Journal of Functional Foods</i> , 2018, 48, 266-274.	1.6	35
7	Advances in the Design of (Nano)Formulations for Delivery of Antisense Oligonucleotides and Small Interfering RNA: Focus on the Central Nervous System. <i>Molecular Pharmaceutics</i> , 2021, 18, 1491-1506.	2.3	32
8	Temporal relationship between aquaporin-4 and glial fibrillary acidic protein in cerebellum of neonate and adult rats administered a BBB disrupting spider venom. <i>Toxicon</i> , 2013, 66, 37-46.	0.8	26
9	Environmental enrichment attenuates the blood brain barrier dysfunction induced by the neonatal hypoxia-ischemia. <i>International Journal of Developmental Neuroscience</i> , 2016, 53, 35-45.	0.7	26
10	Evidences of endocytosis via caveolae following blood-brain barrier breakdown by <i>Phoneutria nigriventer</i> spider venom. <i>Toxicology Letters</i> , 2014, 229, 415-422.	0.4	19
11	N-Acetylcysteine reverses silver nanoparticle intoxication in rats. <i>Nanotoxicology</i> , 2019, 13, 326-338.	1.6	18
12	Modified cyclodextrin-based nanoparticles mediated delivery of siRNA for huntingtin gene silencing across an <i>in vitro</i> BBB model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 169, 309-318.	2.0	17
13	Upregulation of the vascular endothelial growth factor, Flt-1, in rat hippocampal neurons after envenoming by <i>Phoneutria nigriventer</i> ; age-related modulation. <i>Toxicon</i> , 2012, 60, 656-664.	0.8	16
14	Expression of VEGF and Flk-1 and Flt-1 Receptors during Blood-Brain Barrier (BBB) Impairment Following <i>Phoneutria nigriventer</i> Spider Venom Exposure. <i>Toxins</i> , 2013, 5, 2572-2588.	1.5	16
15	The protective effects of fermented kefir milk on azoxymethane-induced aberrant crypt formation in mice colon. <i>Tissue and Cell</i> , 2018, 52, 51-56.	1.0	16
16	Graphene-Based Nanomaterials in Soil: Ecotoxicity Assessment Using <i>Enchytraeus crypticus</i> Reduced Full Life Cycle. <i>Nanomaterials</i> , 2019, 9, 858.	1.9	15
17	The <i>in vivo</i> toxicological profile of cationic solid lipid nanoparticles. <i>Drug Delivery and Translational Research</i> , 2020, 10, 34-42.	3.0	14
18	Vascular Endothelial Growth Factor Increases during Blood-Brain Barrier-Enhanced Permeability Caused by <i>Phoneutria nigriventer</i> Spider Venom. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	12

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19	Syzygium malaccense fruit supplementation protects mice brain against high-fat diet impairment and improves cognitive functions. <i>Journal of Functional Foods</i> , 2020, 65, 103745.	1.6	12
20	eNOS uncoupling in the cerebellum after BBB disruption by exposure to Phoneutria nigriventer spider venom. <i>Toxicon</i> , 2015, 104, 7-13.	0.8	10
21	The toxicity of silver nanomaterials (NM 300K) is reduced when combined with N-Acetylcysteine: Hazard assessment on <i>Enchytraeus crypticus</i> . <i>Environmental Pollution</i> , 2020, 256, 113484.	3.7	10
22	Caveolae as a target for Phoneutria nigriventer spider venom. <i>NeuroToxicology</i> , 2016, 54, 111-118.	1.4	9
23	Protective effect of N-acetylcysteine on the toxicity of silver nanoparticles: Bioavailability and toxicokinetics in <i>Enchytraeus crypticus</i> . <i>Science of the Total Environment</i> , 2020, 715, 136797.	3.9	9
24	Nanomaterials in the Environment: Perspectives on in Vivo Terrestrial Toxicity Testing. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	8
25	Are Synchronized Changes in Connexin-43 and Caveolin-3 a Bystander Effect in a Phoneutria nigriventer Venom Model of Blood-Brain Barrier Breakdown?. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 452-463.	1.1	6
26	Age-Related Modulations of AQP4 and Caveolin-1 in the Hippocampus Predispose the Toxic Effect of Phoneutria nigriventer Spider Venom. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1462.	1.8	3
27	Inhibition of VEGF-Flk-1 binding induced profound biochemical alteration in the hippocampus of a rat model of BBB breakdown by spider venom. A preliminary assessment using FT-IR spectroscopy. <i>Neurochemistry International</i> , 2018, 120, 64-74.	1.9	3
28	VEGF/VEGFR-2 system exerts neuroprotection against Phoneutria nigriventer spider envenomation through PI3K-AKT-dependent pathway. <i>Toxicon</i> , 2020, 185, 76-90.	0.8	2
29	Raman Spectroscopy as a Tool to Evaluate Brain Tissue Composition After Administration of Reduced Graphene Oxide. <i>Journal of Applied Spectroscopy</i> , 2016, 83, 805-810.	0.3	1