Vanessa Coelho-Santos

List of Publications by Year
in descending order

21 papers	854 citations	687363 13 h-index	752698 20 g-index
29 all docs	29 docs citations	29 times ranked	1357 citing authors

#	Article	IF	Citations
1	Exosomes secreted by cardiomyocytes subjected to ischaemia promote cardiac angiogenesis. Cardiovascular Research, 2017, 113, 1338-1350.	3.8	193
2	Pericyte Control of Blood Flow Across Microvascular Zones in the Central Nervous System. Annual Review of Physiology, 2022, 84, 331-354.	13.1	86
3	Postnatal development of cerebrovascular structure and the neurogliovascular unit. Wiley Interdisciplinary Reviews: Developmental Biology, 2020, 9, e363.	5.9	84
4	The TNF-Î±/Nf-ÎºB Signaling Pathway has a Key Role in Methamphetamineâ€“Induced Bloodâ€“Brain Barrier Dysfunction. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1260-1271.	4.3	72
5	Prevention of methamphetamine-induced microglial cell death by TNF-Î± and IL-6 through activation of the JAK-STAT pathway. Journal of Neuroinflammation, 2012, 9, 103.	7.2	62
6	Microglia Dysfunction Caused by the Loss of Rhoa Disrupts Neuronal Physiology and Leads to Neurodegeneration. Cell Reports, 2020, 31, 107796.	6.4	59
7	Imaging the construction of capillary networks in the neonatal mouse brain. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	48
8	Effect of Hypoproteic and High-Fat Diets on Hippocampal Blood-Brain Barrier Permeability and Oxidative Stress. Frontiers in Nutrition, 2018, 5, 131.	3.7	46
9	The interplay between glioblastoma and microglia cells leads to endothelial cell monolayer dysfunction via the interleukinâ€6â€induced JAK2/STAT3 pathway. Journal of Cellular Physiology, 2019, 234, 19750-19760.	4.1	35
10	Three-dimensional ultrastructure of the brain pericyte-endothelial interface. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2185-2200.	4.3	34
11	Methylphenidate-triggered ROS generation promotes caveolae-mediated transcytosis via Rac1 signaling and c-Src-dependent caveolin-1 phosphorylation in human brain endothelial cells. Cellular and Molecular Life Sciences, 2016, 73, 4701-4716.	5.4	32
12	Aquaporin-4 as a New Target against Methamphetamine-Induced Brain Alterations: Focus on the Neurogliovascular Unit and Motivational Behavior. Molecular Neurobiology, 2018, 55, 2056-2069.	4.0	25
13	Impact of developmental exposure to methylphenidate on rat brainâ€™s immune privilege and behavior: Control versus ADHD model. Brain, Behavior, and Immunity, 2018, 68, 169-182.	4.1	24
14	Public Volume Electron Microscopy Data: An Essential Resource to Study the Brain Microvasculature. Frontiers in Cell and Developmental Biology, 2022, 10, 849469.	3.7	15
15	Effect of chronic methylphenidate treatment on hippocampal neurovascular unit and memory performance in late adolescent rats. European Neuropsychopharmacology, 2019, 29, 195-210.	0.7	13
16	Poster Viewing Sessions PB01-B01 to PB03-V09. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 167-523.	4.3	7
17	Reinforced thinned-skull window for repeated imaging of the neonatal mouse brain. Neurophotonics, 2022, 9, .	3.3	4
18	Protective effect of neuropeptide Y2 receptor activation against methamphetamine-induced brain endothelial cell alterations. Toxicology Letters, 2020, 334, 53-59.	0.8	3

#	Article	IF	Citations
19	Methamphetamine and the Bloodâ€“Brain Barrier. , 2016, , 155-168.		2
20	In Vivo Optical Imaging and Manipulation of Brain Pericytes. Pancreatic Islet Biology, 2021, , 1-37.	0.3	1
21	Abstract TP249: Early-lifechronic Intermittent Hypoxia Susceptibility For Anxiety-like Behaviors: Focus On Cerebrovascular Alterations. Stroke, 2022, 53, .	2.0	0