Leila Khalaj

List of Publications by Year
in descending order

16 papers	842 citations	759233 12 h-index	940533 16 g-index
19 all docs	19 docs citations	19 times ranked	1387 citing authors

#	Article	IF	Citations
1	Subchronic metformin pretreatment enhances novel object recognition memory task in forebrain ischemia: behavioural, molecular, and electrophysiological studies. Canadian Journal of Physiology and Pharmacology, 2017, 95, 388-395.	1.4	16
2	Metformin pretreatment enhanced learning and memory in cerebral forebrain ischaemia: the role of the AMPK/BDNF/P70SK signalling pathway. Pharmaceutical Biology, 2016, 54, 2211-2219.	2.9	62
3	Targeting Adenosine Monophosphateâ€Activated Protein Kinase by Metformin Adjusts Postâ€Ischemic Hyperemia and Extracellular Neuronal Discharge in Transient Global Cerebral Ischemia. Microcirculation, 2015, 22, 534-541.	1.8	22
4	Metformin improves anxiety-like behaviors through AMPK-dependent regulation of autophagy following transient forebrain ischemia. Metabolic Brain Disease, 2015, 30, 1139-1150.	2.9	85
5	Pre-treatment with metformin activates Nrf2 antioxidant pathways and inhibits inflammatory responses through induction of AMPK after transient global cerebral ischemia. Metabolic Brain Disease, 2015, 30, 747-754.	2.9	199
6	Activation of AMP-activated protein kinase by metformin protects against global cerebral ischemia in male rats: Interference of AMPK/PGC-1Î± pathway. Metabolic Brain Disease, 2014, 29, 47-58.	2.9	112
7	Gemfibrozil Pretreatment Affecting Antioxidant Defense System and Inflammatory, but not Nrf-2 Signaling Pathways Resulted in Female Neuroprotection and Male Neurotoxicity in the Rat Models of Global Cerebral Ischemiaâ€"Reperfusion. Neurotoxicity Research, 2013, 23, 225-237.	2.7	35
8	Gemfibrozil Pretreatment Resulted in a Sexually Dimorphic Outcome in the Rat Models of Global Cerebral Ischemiaâ€"Reperfusion via Modulation of Mitochondrial Pro-survival and Apoptotic Cell Death Factors as well as MAPKs. Journal of Molecular Neuroscience, 2013, 50, 379-393.	2.3	18
9	Gemfibrozil pretreatment proved protection against acute restraint stress-induced changes in the male rats' hippocampus. Brain Research, 2013, 1527, 117-130.	2.2	23
10	Simultaneous Inhibition of COX-2 and Activation of PPAR-Î³ Resulted in the Same Level and Pattern of Neuroprotection as They were Targeted Separately. Journal of Molecular Neuroscience, 2013, 49, 116-129.	2.3	9
11	Assessing Competence of Broccoli Consumption on Inflammatory and Antioxidant Pathways in Restraint-Induced Models: Estimation in Rat Hippocampus and Prefrontal Cortex. BioMed Research International, 2013, 2013, 1-13.	1.9	6
12	Antinociceptive effect of [Met5]enkephalin semicarbazide is not affected by dipeptidyl carboxypeptidaseâ€. Journal of Peptide Science, 2012, 18, 92-96.	1.4	7
13	Apoptosis Inhibition Can Be Threatening in AÎ²-Induced Neuroinflammation, Through Promoting Cell Proliferation. Neurochemical Research, 2011, 36, 39-48.	3.3	39
14	Acute 17Î²-Estradiol Pretreatment Protects Against Abdominal Aortic Occlusion Induced Spinal Cord Ischemic-Reperfusion Injury. Neurochemical Research, 2011, 36, 268-280.	3.3	11
15	Cyclooxygenase (COX)-1 Activity Precedes the COX-2 Induction in AÎ²-Induced Neuroinflammation. Journal of Molecular Neuroscience, 2011, 45, 10-21.	2.3	30
16	Alginate oligosaccharide protects against endoplasmic reticulum- and mitochondrial-mediated apoptotic cell death and oxidative stress. Biomaterials, 2011, 32, 5438-5458.	11.4	165