

Leila Khalaj

List of Publications by Year in descending order

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Version: 2024-02-01

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