Debebe Gebremedhin

List of Publications by Year
in descending order

29	1,894	623574	887953
papers	citations	14 h-index	17 g-index

29	29	29	1541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Nearby Construction Activity on Endothelial Function, Sensitivity to Nitric Oxide, and Potassium Channel Activity in the Middle Cerebral Arteries of Rats. Journal of the American Association for Laboratory Animal Science, 2020, , .	0.6	1
2	Detrimental Effects of Nearby Construction Activity on Endothelial and Vascular Smooth Muscle Function in Cerebral Arteries of Sprague€Dawley (Sâ€Ð) Rats. FASEB Journal, 2019, 33, .	0.2	0
3	Regulation of Cerebral Blood Flow: Response to Cytochrome P450 Lipid Metabolites. , 2018, 8, 801-821.		4
4	Nrf2 Deletion is Associated with Impaired BK Ca Channel Expression and Function in Rat Cerebral Arterial Muscle Cells. FASEB Journal, 2018, 32, 575.7.	0.2	0
5	Inhibition of soluble epoxide hydrolase augments astrocyte release of vascular endothelial growth factor and neuronal recovery after oxygenâ€glucose deprivation. Journal of Neurochemistry, 2017, 140, 814-825.	2.1	23
6	Detection of TRPV4 channel current-like activity in Fawn Hooded hypertensive (FHH) rat cerebral arterial muscle cells. PLoS ONE, 2017, 12, e0176796.	1.1	7
7	Expression of CYP 4A Ï‰-hydroxylase and formation of 20-hydroxyeicosatetreanoic acid (20-HETE) in cultured rat brain astrocytes. Prostaglandins and Other Lipid Mediators, 2016, 124, 16-26.	1.0	24
8	Contribution of epoxyeicosatrienoic acids to the cerebral blood flow response to hypoxemia. Journal of Applied Physiology, 2015, 119, 1202-1209.	1.2	14
9	Enhanced large conductance K⁺channel activity contributes to the impaired myogenic response in the cerebral vasculature of Fawn Hooded Hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H989-H1000.	1.5	23
10	Endogenous Events Modulating Myogenic Regulation of Cerebrovascular Function. Current Vascular Pharmacology, 2014, 12, 810-817.	0.8	18
11	Arachidonic Acidâ€"Induced Dilation in Human Coronary Arterioles: Convergence of Signaling Mechanisms on Endothelial TRPV4â€Mediated Ca ²⁺ Entry. Journal of the American Heart Association, 2013, 2, e000080.	1.6	68
12	Redox Signaling via Oxidative Inactivation of PTEN Modulates Pressure-Dependent Myogenic Tone in Rat Middle Cerebral Arteries. PLoS ONE, 2013, 8, e68498.	1.1	20
13	Organ culture as an in vitro model for the study of dualâ€specificity phosphataseâ€5 (DUSPâ€5) and myogenic response in rat cerebral arterioles. FASEB Journal, 2012, 26, 685.12.	0.2	0
14	Differential regulation of oxidant generation and [Ca2+]i mobilization by adenosine A1 and A3 receptors in brain astrocytes. FASEB Journal, 2012, 26, 1137.7.	0.2	0
15	Signaling Mechanisms of Adenosine Action in Rat Brain Astrocytes. FASEB Journal, 2011, 25, 1094.9.	0.2	0
16	H 2 O 2 dilates human coronary arterioles by stimulating the largeâ€conductance Ca 2+ â€activated K + channel activity. FASEB Journal, 2011, 25, 1093.5.	0.2	1
17	Adenosine Can Mediate its Actions through Generation of Reactive Oxygen Species. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1777-1790.	2.4	24
18	Hydrogen peroxide increases cerebral arterial KCa channel opening through activation of Akt signaling pathway. FASEB Journal, 2009, 23, 617.20.	0.2	0

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19	Role of 20-HETE in the hypoxia-induced activation of Ca2+-activated K+ channel currents in rat cerebral arterial muscle cells. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H107-H120.	1.5	48
20	Modulation by superoxide of delayed rectifier K+ channel current in rat cerebral arterial muscle cells.. FASEB Journal, 2008, 22, 144-144.	0.2	0
21	Specific subclass of adenosine receptors modulate release of EETs and superoxide in brain tissues. FASEB Journal, 2007, 21, A817.	0.2	0
22	Potential role of mitochondria in myogenic response of rat middle cerebral arteries. FASEB Journal, 2006, 20, A296.	0.2	0
23	Alzheimerâ€™s amyloid beta protein promotes CYP epoxygenase dependent generation of superoxide. FASEB Journal, 2006, 20, .	0.2	0
24	Metabotropic Glutamate Receptor Activation Enhances the Activities of Two Types of Ca²⁺-Activated K⁺Channels in Rat Hippocampal Astrocytes. Journal of Neuroscience, 2003, 23, 1678-1687.	1.7	81
25	Cat cerebral arterial smooth muscle cells express cytochrome P450 4A2 enzyme and produce the vasoconstrictor 20-HETE which enhances L-type Ca2+current. Journal of Physiology, 1998, 507, 771-781.	1.3	167
26	Identification of Epoxyeicosatrienoic Acids as Endothelium-Derived Hyperpolarizing Factors. Circulation Research, 1996, 78, 415-423.	2.0	1,020
27	Molecular Characterization of an Arachidonic Acid Epoxygenase in Rat Brain Astrocytes. Stroke, 1996, 27, 971-979.	1.0	176
28	Shear activated channels in cell-attached patches of cultured bovine aortic endothelial cells. Pflugers Archiv European Journal of Physiology, 1995, 431, 129-131.	1.3	76
29	Hypoxia increases the activity of Ca2+-sensitive K+ channels in cat cerebral arterial muscle cell membranes. Pflugers Archiv European Journal of Physiology, 1994, 428, 621-630.	1.3	99