Christopher M Anderson

List of Publications by Year
in descending order

37 papers	4,081 citations	201575 27 h-index	345118 36 g-index
37 all docs	37 docs citations	37 times ranked	5273 citing authors

#	Article	IF	Citations
1	Cardiovascular disease and the risk of dementia: a survival analysis using administrative data from Manitoba. Canadian Journal of Public Health, 2022, 113, 455-464.	1.1	11
2	Activation of Cannabinoid Receptors Attenuates Endothelin-1â€“Induced Mitochondrial Dysfunction in Rat Ventricular Myocytes. Journal of Cardiovascular Pharmacology, 2020, 75, 54-63.	0.8	9
3	Poly(ADP-ribose) polymerase-1 inhibits mitochondrial respiration by suppressing PGC-1Î± activity in neurons. Neuropharmacology, 2019, 160, 107755.	2.0	16
4	Endothelial NMDA receptors mediate activity-dependent brain hemodynamic responses in mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10229-10231.	3.3	56
5	Astrocytes drive cortical vasodilatory signaling by activating endothelial NMDA receptors. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 481-496.	2.4	49
6	Astrocyte dysfunction in Alzheimer disease. Journal of Neuroscience Research, 2017, 95, 2430-2447.	1.3	189
7	Peripheral and Cerebral Resistance Arteries in the Spontaneously Hypertensive Heart Failure Rat: Effects of Stilbenoid Polyphenols. Molecules, 2017, 22, 380.	1.7	9
8	Physiological Roles of Non-Neuronal NMDA Receptors. Trends in Pharmacological Sciences, 2016, 37, 750-767.	4.0	115
9	NF-ÎºB transcriptional activation by TNFÎ± requires phospholipase C, extracellular signal-regulated kinase 2 and poly(ADP-ribose) polymerase-1. Journal of Neuroinflammation, 2015, 12, 229.	3.1	49
10	Poly(ADP-Ribose) Polymerase-1 Causes Mitochondrial Damage and Neuron Death Mediated by Bnip3. Journal of Neuroscience, 2014, 34, 15975-15987.	1.7	45
11	Poly(ADP-ribose) polymerase 2 contributes to neuroinflammation and neurological dysfunction in mouse experimental autoimmune encephalomyelitis. Journal of Neuroinflammation, 2013, 10, 49.	3.1	26
12	Astrocyte-induced cortical vasodilation is mediated by <scp>D</scp> -serine and endothelial nitric oxide synthase. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3149-3154.	3.3	96
13	Multifunctional role of astrocytes as gatekeepers of neuronal energy supply. Frontiers in Cellular Neuroscience, 2013, 7, 38.	1.8	206
14	Coactivation of NMDA Receptors by Glutamate and <scp>d</scp>-Serine Induces Dilation of Isolated Middle Cerebral Arteries. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 537-547.	2.4	61
15	Vascular and Cardiac Effects of Grape Powder in the Spontaneously Hypertensive Rat. American Journal of Hypertension, 2012, 25, 1070-1076.	1.0	31
16	Astrocytic poly(ADPâ€ribose) polymeraseâ€1 activation leads to bioenergetic depletion and inhibition of glutamate uptake capacity. Glia, 2010, 58, 446-457.	2.5	34
17	Protection of cortical neurons from excitotoxicity by conjugated linoleic acid. Journal of Neurochemistry, 2010, 115, 123-130.	2.1	36
18	Functional and immunocytochemical characterization of Dâ€serine transporters in cortical neuron and astrocyte cultures. Journal of Neuroscience Research, 2009, 87, 2520-2530.	1.3	34

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19	Cellular distribution of the neutral amino acid transporter subtype ASCT2 in mouse brain. Journal of Neurochemistry, 2009, 108, 372-383.	2.1	66
20	Custom astrocyte-mediated vasomotor responses to neuronal energy demand. Genome Biology, 2009, 10, 209.	13.9	2
21	Astrocyte Glycogen Sustains Neuronal Activity during Hypoglycemia: Studies with the Glycogen Phosphorylase Inhibitor CP-316,819 ([R-R*,S*]-5-Chloro-N-[2-hydroxy-3-(methoxymethylamino)-3-oxo-1-(phenylmethyl)propyl]-1H-indole-2-carboxamide). Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 45-50.	3.3	162
22	Zinc Inhibits Astrocyte Glutamate Uptake by Activation of Poly(ADP-ribose) Polymerase-1. Molecular Medicine, 2007, 13, 344-349.	1.9	35
23	Emerging challenges of assigning P2X7 receptor function and immunoreactivity in neurons. Trends in Neurosciences, 2006, 29, 257-262.	4.2	196
24	Putting It on the Line: Telephone Counseling for Adolescent Smokers. Journal of Counseling and Development, 2005, 83, 416-424.	1.3	8
25	ATPâ€induced ATP release from astrocytes. Journal of Neurochemistry, 2004, 88, 246-256.	2.1	223
26	Astrocyte-mediated control of cerebral microcirculation. Trends in Neurosciences, 2003, 26, 340-344.	4.2	163
27	P2X₇Receptor-Mediated Release of Excitatory Amino Acids from Astrocytes. Journal of Neuroscience, 2003, 23, 1320-1328.	1.7	447
28	Barbiturates Induce Mitochondrial Depolarization and Potentiate Excitotoxic Neuronal Death. Journal of Neuroscience, 2002, 22, 9203-9209.	1.7	38
29	Differing effects of substrate and non-substrate transport inhibitors on glutamate uptake reversal. Journal of Neurochemistry, 2002, 79, 1207-1216.	2.1	72
30	Distribution of Equilibrative, Nitrobenzylthioinosine-Sensitive Nucleoside Transporters (ENT1) in Brain. Journal of Neurochemistry, 2002, 73, 867-873.	2.1	100
31	Astrocyte glutamate transport: Review of properties, regulation, and physiological functions. Glia, 2000, 32, 1-14.	2.5	1,057
32	Astrocyte glutamate transport: Review of properties, regulation, and physiological functions. Glia, 2000, 32, 1-14.	2.5	24
33	Glutamate Induces Rapid Upregulation of Astrocyte Glutamate Transport and Cell-Surface Expression of GLAST. Journal of Neuroscience, 1999, 19, 10193-10200.	1.7	274
34	Distribution of mRNA encoding a nitrobenzylthioinosine-insensitive nucleoside transporter (ENT2) in rat brain. Molecular Brain Research, 1999, 70, 293-297.	2.5	65
35	Demonstration of the existence of mRNAs encoding N1/cif and N2/cit sodium/nucleoside cotransporters in rat brain. Molecular Brain Research, 1996, 42, 358-361.	2.5	65
36	Ability of nitrobenzylthioinosine to cross the blood-brain barrier in rats. Neuroscience Letters, 1996, 219, 191-194.	1.0	9

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37	Astrocyte glutamate transport: Review of properties, regulation, and physiological functions. , 0, .		3