Steven H Graham

List of Publications by Year in Descending Order

58 papers	4,190 citations	33 h-index	59 g-index
59 ext. papers	4,478 ext. citations	5.4 avg, IF	4.9 L-index

#	Paper	IF	Citations
58	Abolishing UCHL1's hydrolase activity exacerbates TBI-induced axonal injury and neuronal death in mice. *Experimental Neurology*, **2021**, 336, 113524	5.7	4
57	Mutation of a Ubiquitin Carboxy Terminal Hydrolase L1 Lipid Binding Site Alleviates Cell Death, Axonal Injury, and Behavioral Deficits After Traumatic Brain Injury in Mice. *Neuroscience*, **2021**, 475, 127-136	3.9	0
56	Intracerebroventricular Delivery of Recombinant NAMPT Deters Inflammation and Protects Against Cerebral Ischemia. *Translational Stroke Research*, **2019**, 10, 719-728	7.8	9
55	Novel therapies for combating chronic neuropathological sequelae of TBI. *Neuropharmacology*, **2019**, 145, 160-176	5.5	6
54	Role of UCHL1 in axonal injury and functional recovery after cerebral ischemia. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 4643-4650	11.5	28
53	In vivo transduction of neurons with TAT-UCH-L1 protects brain against controlled cortical impact injury. *PLoS ONE*, **2017**, 12, e0178049	3.7	10
52	Life and death in the trash heap: The ubiquitin proteasome pathway and UCHL1 in brain aging, neurodegenerative disease and cerebral Ischemia. *Ageing Research Reviews*, **2017**, 34, 30-38	12	46
51	Modification of ubiquitin C-terminal hydrolase L1 by reactive lipid species: role in neural regeneration and diseases of aging. *Neural Regeneration Research*, **2016**, 11, 908-9	4.5	5
50	Rosiglitazone attenuates inflammation and CA3 neuronal loss following traumatic brain injury in rats. *Biochemical and Biophysical Research Communications*, **2016**, 472, 648-55	3.4	24
49	Protein disulfide isomerase as a novel target for cyclopentenone prostaglandins: implications for hypoxic ischemic injury. *FEBS Journal*, **2015**, 282, 2045-59	5.7	13
48	Rapid and simultaneous quantitation of prostanoids by UPLC-MS/MS in rat brain. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2014**, 945-946, 207-16	3.2	26
47	Inflammation in ischemic stroke: mechanisms, consequences and possible drug targets. *CNS and Neurological Disorders - Drug Targets*, **2014**, 13, 1378-96	2.6	67
46	Increased generation of cyclopentenone prostaglandins after brain ischemia and their role in aggregation of ubiquitinated proteins in neurons. *Neurotoxicity Research*, **2013**, 24, 191-204	4.3	26
45	COX2-derived primary and cyclopentenone prostaglandins are increased after asphyxial cardiac arrest. *Brain Research*, **2013**, 1519, 71-7	3.7	15
44	Prostaglandin D2 toxicity in primary neurons is mediated through its bioactive cyclopentenone metabolites. *NeuroToxicology*, **2013**, 39, 35-44	4.4	32
43	Soluble epoxide hydrolase inhibitor trans-4-[4-(3-adamantan-1-yl-ureido)-cyclohexyloxy]-benzoic acid is neuroprotective in rat model of ischemic stroke. *American Journal of Physiology - Heart and Circulatory Physiology*, **2013**, 305, H1605-13	5.2	36
42	Increased cytochrome c in rat cerebrospinal fluid after cardiac arrest and its effects on hypoxic neuronal survival. *Resuscitation*, **2012**, 83, 1491-6	4	14

41	Modification of ubiquitin-C-terminal hydrolase-L1 by cyclopentenone prostaglandins exacerbates hypoxic injury. *Neurobiology of Disease*, **2011**, 41, 318-28	7.5	48
40	The cyclooxygenase site, but not the peroxidase site of cyclooxygenase-2 is required for neurotoxicity in hypoxic and ischemic injury. *Journal of Neurochemistry*, **2010**, 113, 965-77	6	23
39	Cyclopentenone prostaglandin-induced unfolding and aggregation of the Parkinson disease-associated UCH-L1. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 6835-40	11.5	60
38	Inflammation after stroke: mechanisms and therapeutic approaches. *Translational Stroke Research*, **2010**, 1, 74-84	7.8	65
37	Prolonged opportunity for neuroprotection in experimental stroke with selective blockade of cyclooxygenase-2 activity. *Brain Research*, **2009**, 1279, 168-73	3.7	30
36	Autophagy is increased after traumatic brain injury in mice and is partially inhibited by the antioxidant gamma-glutamylcysteinyl ethyl ester. *Journal of Cerebral Blood Flow and Metabolism*, **2008**, 28, 540-50	7.3	133
35	Neuronal cyclooxygenase-2 activity and prostaglandins PGE2, PGD2, and PGF2 alpha exacerbate hypoxic neuronal injury in neuron-enriched primary culture. *Neurochemical Research*, **2008**, 33, 490-9	4.6	39
34	Genetic disruption of cyclooxygenase-2 does not improve histological or behavioral outcome after traumatic brain injury in mice. *Journal of Neuroscience Research*, **2008**, 86, 3605-12	4.4	27
33	Cyclooxygenase-2 activity following traumatic brain injury in the developing rat. *Pediatric Research*, **2007**, 62, 271-6	3.2	41
32	Transgenic mice that overexpress the anti-apoptotic Bcl-2 protein have improved histological outcome but unchanged behavioral outcome after traumatic brain injury. *Brain Research*, **2006**, 1101, 126-35	3.7	21
31	Protective effect of the 20-HETE inhibitor HET0016 on brain damage after temporary focal ischemia. *Journal of Cerebral Blood Flow and Metabolism*, **2006**, 26, 1551-61	7.3	56
30	Cyclooxygenase-2 expression is induced in rat brain after kainate-induced seizures and promotes neuronal death in CA3 hippocampus. *Brain Research*, **2005**, 1050, 130-7	3.7	77
29	Arachidonic acid-induced carbon-centered radicals and phospholipid peroxidation in cyclo-oxygenase-2-transfected PC12 cells. *Journal of Neurochemistry*, **2004**, 90, 1036-49	6	53
28	c-FLIP-L recombinant adeno-associated virus vector infection prevents Fas-mediated but not nerve growth factor withdrawal-mediated cell death in PC12 cells. *Molecular Brain Research*, **2004**, 122, 79-87		3
27	Cyclooxygenase-2 activity contributes to neuronal expression of cyclin D1 after anoxia/ischemia in vitro and in vivo. *Molecular Brain Research*, **2004**, 132, 31-7		15
26	Cyclooxygenases in central nervous system diseases: a special role for cyclooxygenase 2 in neuronal cell death. *Archives of Neurology*, **2003**, 60, 628-30		43
25	In Vivo Delivery of a Bcl-xL Fusion Protein Containing the TAT Protein Transduction Domain Protects against Ischemic Brain Injury and Neuronal Apoptosis. *Journal of Neuroscience*, **2002**, 22, 5423-31	6.6	376
24	Regulation of interstitial excitatory amino acid concentrations after cortical contusion injury. *Brain Research*, **2002**, 943, 15-22	3.7	37

23	Bax kappa, a novel Bax splice variant from ischemic rat brain lacking an ART domain, promotes neuronal cell death. *Journal of Neurochemistry*, **2001**, 77, 1508-19	6	20
22	Programmed cell death in cerebral ischemia. *Journal of Cerebral Blood Flow and Metabolism*, **2001**, 21, 99-109	7.3	411
21	Fas (CD95) may mediate delayed cell death in hippocampal CA1 sector after global cerebral ischemia. *Journal of Cerebral Blood Flow and Metabolism*, **2001**, 21, 1411-21	7.3	60
20	Detection of single- and double-strand DNA breaks after traumatic brain injury in rats: comparison of in situ labeling techniques using DNA polymerase I, the Klenow fragment of DNA polymerase I, and terminal deoxynucleotidyl transferase. *Journal of Neurotrauma*, **2001**, 18, 675-89	5.4	56
19	Caspase-3 mediated neuronal death after traumatic brain injury in rats. *Journal of Neurochemistry*, **2000**, 74, 740-53	6	308
18	Hypothermia and hyperthermia in children after resuscitation from cardiac arrest. *Pediatrics*, **2000**, 106, 118-22	7.4	101
17	Expression of the RNA-binding protein TIAR is increased in neurons after ischemic cerebral injury. *Journal of Neuroscience Research*, **2000**, 59, 767-74	4.4	19
16	Increases in Bcl-2 and cleavage of caspase-1 and caspase-3 in human brain after head injury. *FASEB Journal*, **1999**, 13, 813-21	0.9	231
15	Reduction of cognitive and motor deficits after traumatic brain injury in mice deficient in poly(ADP-ribose) polymerase. *Journal of Cerebral Blood Flow and Metabolism*, **1999**, 19, 835-42	7.3	137
14	Transient global ischemia triggers expression of the DNA damage-inducible gene GADD45 in the rat brain. *Journal of Cerebral Blood Flow and Metabolism*, **1998**, 18, 646-57	7.3	52
13	Role of cyclooxygenase 2 in acute spinal cord injury. *Journal of Neurotrauma*, **1998**, 15, 1005-13	5.4	133
12	Early neuropathologic effects of mild or moderate hypoxemia after controlled cortical impact injury in rats. *Journal of Neurotrauma*, **1997**, 14, 179-89	5.4	159
11	Endovascular suture occlusion of the middle cerebral artery in rats: effect of suture insertion distance on cerebral blood flow, infarct distribution and infarct volume. *Neurological Research*, **1997**, 19, 409-16	2.7	37
10	Apoptosis repressor genes Bcl-2 and Bcl-x-long are expressed in the rat brain following global ischemia. *Journal of Cerebral Blood Flow and Metabolism*, **1997**, 17, 2-10	7.3	173
9	Neuroprotective effects of the glutamate release inhibitor 619C89 in temporary middle cerebral artery occlusion. *Brain Research*, **1997**, 749, 131-4	3.7	24
8	Expression of the apoptosis-effector gene, Bax, is up-regulated in vulnerable hippocampal CA1 neurons following global ischemia. *Journal of Neurochemistry*, **1996**, 67, 64-71	6	202
7	Diffusion-weighted magnetic resonance imaging during brief focal cerebral ischemia and early reperfusion: Evolution of delayed infarction in rats. *Neurological Research*, **1995**, 17, 449-453	2.7	17
6	Attenuation of postischemic brain hypoperfusion and reperfusion injury by the cyclooxygenase-lipoxygenase inhibitor BW755C. *Journal of Neurosurgery*, **1995**, 83, 99-104	3.2	39

5	Expression of cyclo-oxygenase 2 in rat brain following kainate treatment. *NeuroReport*, **1995**, 6, 246-248	1.7	66
4	Fluorocitrate and fluoroacetate effects on astrocyte metabolism in vitro. *Brain Research*, **1994**, 664, 94-100	3.9	109
3	Glucose can fuel glutamate uptake in ischemic brain. *Journal of Cerebral Blood Flow and Metabolism* , **1994**, 14, 1-6	7.3	93
2	Mild intraischemic hypothermia reduces postischemic hyperperfusion, delayed postischemic hypoperfusion, blood-brain barrier disruption, brain edema, and neuronal damage volume after temporary focal cerebral ischemia in rats. *Journal of Cerebral Blood Flow and Metabolism*, **1994**, 14, 620-7	7.3	234
1	Eicosanoids: Roles in the Pathophysiology of Cerebral Ischaemia481-486		