Cameron Lenahan

List of Publications by Year
in descending order

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78	1,602	304368	454577
papers	citations	22 h-index	30 g-index

86	86	86	1284
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Programmed Cell Deaths and Potential Crosstalk With Bloodâ€“Brain Barrier Dysfunction After Hemorrhagic Stroke. Frontiers in Cellular Neuroscience, 2020, 14, 68.	1.8	69
2	Oxidative Stress at the Crossroads of Aging, Stroke and Depression. , 2020, 11, 1537.		64
3	Melanocortin 1 receptor attenuates early brain injury following subarachnoid hemorrhage by controlling mitochondrial metabolism via AMPK/SIRT1/PGC-1Î± pathway in rats. Theranostics, 2021, 11, 522-539.	4.6	64
4	Ferroptosis in Acute Central Nervous System Injuries: The Future Direction?. Frontiers in Cell and Developmental Biology, 2020, 8, 594.	1.8	60
5	The role of immune inflammation in aneurysmal subarachnoid hemorrhage. Experimental Neurology, 2021, 336, 113535.	2.0	47
6	CCR5 Activation Promotes NLRP1-Dependent Neuronal Pyroptosis via CCR5/PKA/CREB Pathway After Intracerebral Hemorrhage. Stroke, 2021, 52, 4021-4032.	1.0	46
7	Delayed recanalization after MCAO ameliorates ischemic stroke by inhibiting apoptosis via HGF/c-Met/STAT3/Bcl-2 pathway in rats. Experimental Neurology, 2020, 330, 113359.	2.0	45
8	INT-777 prevents cognitive impairment by activating Takeda G protein-coupled receptor 5 (TGR5) and attenuating neuroinflammation via cAMP/ PKA/ CREB signaling axis in a rat model of sepsis. Experimental Neurology, 2021, 335, 113504.	2.0	44
9	A Promising Future of Ferroptosis in Tumor Therapy. Frontiers in Cell and Developmental Biology, 2021, 9, 629150.	1.8	44
10	Inhibition of EZH2 (Enhancer of Zeste Homolog 2) Attenuates Neuroinflammation via H3k27me3/SOCS3/TRAF6/NF-ÎºB (Trimethylation of Histone 3 Lysine 27/Suppressor of Cytokine Signaling) Tj ETQq0 0 0 rgBT /Overlock Hemorrhage. Stroke, 2020, 51, 3320-3331.	1.0	43
11	Update on Nanoparticle-Based Drug Delivery System for Anti-inflammatory Treatment. Frontiers in Bioengineering and Biotechnology, 2021, 9, 630352.	2.0	42
12	The Dual Role of Microglia in Blood-Brain Barrier Dysfunction after Stroke. Current Neuropharmacology, 2020, 18, 1237-1249.	1.4	41
13	Crosstalk between Macrophages, T Cells, and Iron Metabolism in Tumor Microenvironment. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	40
14	An updated review of autophagy in ischemic stroke: From mechanisms to therapies. Experimental Neurology, 2021, 340, 113684.	2.0	40
15	Ferroptosis: An emerging therapeutic target in stroke. Journal of Neurochemistry, 2022, 160, 64-73.	2.1	39
16	Melatonin Protects Against Neuronal Apoptosis via Suppression of the ATF6/CHOP Pathway in a Rat Model of Intracerebral Hemorrhage. Frontiers in Neuroscience, 2018, 12, 638.	1.4	36
17	Sodium Benzoate Attenuates Secondary Brain Injury by Inhibiting Neuronal Apoptosis and Reducing Mitochondria-Mediated Oxidative Stress in a Rat Model of Intracerebral Hemorrhage: Possible Involvement of DJ-1/Akt/IKK/NFÎºB Pathway. Frontiers in Molecular Neuroscience, 2019, 12, 105.	1.4	33
18	Pituitary Adenylate Cyclase-Activating Polypeptide Attenuates Brain Edema by Protecting Bloodâ€“Brain Barrier and Glymphatic System After Subarachnoid Hemorrhage in Rats. Neurotherapeutics, 2020, 17, 1954-1972.	2.1	33

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19	Transcriptome analyses reveal molecular mechanisms underlying phenotypic differences among transcriptional subtypes of glioblastoma. Journal of Cellular and Molecular Medicine, 2020, 24, 3901-3916.	1.6	32
20	Pathophysiology and Therapeutic Potential of NADPH Oxidases in Ischemic Stroke-Induced Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-11.	1.9	31
21	The role of glymphatic system in the cerebral edema formation after ischemic stroke. Experimental Neurology, 2021, 340, 113685.	2.0	31
22	Crosstalk Between the Oxidative Stress and Glia Cells After Stroke: From Mechanism to Therapies. Frontiers in Immunology, 2022, 13, 852416.	2.2	31
23	Mitochondrial Dynamics: A Potential Therapeutic Target for Ischemic Stroke. Frontiers in Aging Neuroscience, 2021, 13, 721428.	1.7	29
24	Orexin A alleviates neuroinflammation via OXR2/CaMKKÎ²/AMPK signaling pathway after ICH in mice. Journal of Neuroinflammation, 2020, 17, 187.	3.1	25
25	New Mechanisms and Targets of Subarachnoid Hemorrhage: A Focus on Mitochondria. Current Neuropharmacology, 2022, 20, 1278-1296.	1.4	23
26	Rhodopsin: A Potential Biomarker for Neurodegenerative Diseases. Frontiers in Neuroscience, 2020, 14, 326.	1.4	22
27	Activation of MC1R with BMS-470539 attenuates neuroinflammation via cAMP/PKA/Nurr1 pathway after neonatal hypoxic-ischemic brain injury in rats. Journal of Neuroinflammation, 2021, 18, 26.	3.1	22
28	The Role of Nanomaterials in Stroke Treatment: Targeting Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	22
29	Inhibition of caspase-1-mediated inflammasome activation reduced blood coagulation in cerebrospinal fluid after subarachnoid haemorrhage. EBioMedicine, 2022, 76, 103843.	2.7	22
30	Comparison of aneurysmal subarachnoid hemorrhage grading scores in patients with aneurysm clipping and coiling. Scientific Reports, 2020, 10, 9199.	1.6	21
31	The Updated Role of the Blood Brain Barrier in Subarachnoid Hemorrhage: From Basic and Clinical Studies. Current Neuropharmacology, 2020, 18, 1266-1278.	1.4	20
32	Dexmedetomidine alleviates cognitive impairment by reducing blood-brain barrier interruption and neuroinflammation via regulating Th1/Th2/Th17 polarization in an experimental sepsis model of mice. International Immunopharmacology, 2021, 101, 108332.	1.7	20
33	Efferocytosis and Its Associated Cytokines: A Light on Non-tumor and Tumor Diseases?. Molecular Therapy - Oncolytics, 2020, 17, 394-407.	2.0	19
34	Rh-CSF1 attenuates neuroinflammation via the CSF1R/PLCG2/PKCÎµ pathway in a rat model of neonatal HIE. Journal of Neuroinflammation, 2020, 17, 182.	3.1	18
35	lncRNA XLOC013218 promotes cell proliferation and TMZ resistance by targeting the PIK3R2â€mediated PI3K/AKT pathway in glioma. Cancer Science, 2022, 113, 2681-2692.	1.7	18
36	A new perspective on cerebrospinal fluid dynamics after subarachnoid hemorrhage: From normal physiology to pathophysiological changes. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 543-558.	2.4	17

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37	Met-RANTES preserves the bloodâ€“brain barrier through inhibiting CCR1/SRC/Rac1 pathway after intracerebral hemorrhage in mice. Fluids and Barriers of the CNS, 2022, 19, 7.	2.4	17
38	Glymphatic System in the Central Nervous System, a Novel Therapeutic Direction Against Brain Edema After Stroke. Frontiers in Aging Neuroscience, 2021, 13, 698036.	1.7	15
39	The Application of Brain Organoid Technology in Stroke Research: Challenges and Prospects. Frontiers in Cellular Neuroscience, 2021, 15, 646921.	1.8	14
40	Rh-CSF1 Attenuates Oxidative Stress and Neuronal Apoptosis via the CSF1R/PLCG2/PKA/UCP2 Signaling Pathway in a Rat Model of Neonatal HIE. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-20.	1.9	13
41	Pituitary Adenylate Cyclase-Activating Polypeptide: A Promising Neuroprotective Peptide in Stroke. , 2020, 11, 1496.		12
42	Delayed Recanalizationâ€”How Late Is Not Too Late?. Translational Stroke Research, 2021, 12, 382-393.	2.3	12
43	Neurokinin Receptor 1 (NK1R) Antagonist Aprepitant Enhances Hematoma Clearance by Regulating Microglial Polarization via PKC/p38MAPK/NFÎºB Pathway After Experimental Intracerebral Hemorrhage in Mice. Neurotherapeutics, 2021, 18, 1922-1938.	2.1	12
44	Pituitary adenylate cyclase-activating polypeptide attenuates mitochondria-mediated oxidative stress and neuronal apoptosis after subarachnoid hemorrhage in rats. Free Radical Biology and Medicine, 2021, 174, 236-248.	1.3	12
45	Rickettsia parkeri infections diagnosed by eschar biopsy, Virginia, USA. Infection, 2018, 46, 559-563.	2.3	11
46	Scavenger Receptor Class B type 1 (SR-B1) and the modifiable risk factors of stroke. Chinese Neurosurgical Journal, 2019, 5, 30.	0.3	11
47	HIF-1Î± Mediates TRAIL-Induced Neuronal Apoptosis via Regulating DcR1 Expression Following Traumatic Brain Injury. Frontiers in Cellular Neuroscience, 2020, 14, 192.	1.8	11
48	The Activation of Phosphatidylserine/CD36/TGF-Î²1 Pathway prior to Surgical Brain Injury Attenuates Neuroinflammation in Rats. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	1.9	11
49	Insight Into the Mechanisms and the Challenges on Stem Cell-Based Therapies for Cerebral Ischemic Stroke. Frontiers in Cellular Neuroscience, 2021, 15, 637210.	1.8	11
50	Kynurenine/Aryl Hydrocarbon Receptor Modulates Mitochondria-Mediated Oxidative Stress and Neuronal Apoptosis in Experimental Intracerebral Hemorrhage. Antioxidants and Redox Signaling, 2022, 37, 1111-1129.	2.5	11
51	A Comparison of Subperiosteal or Subgaleal Drainage with Subdural Drainage on the Outcomes of Chronic Subdural Hematoma: A Meta-Analysis. World Neurosurgery, 2020, 135, e723-e730.	0.7	10
52	Role of peroxisome proliferatorâ€activated receptors in stroke prevention and therapyâ€”The best is yet to come?. Journal of Neuroscience Research, 2020, 98, 2275-2289.	1.3	9
53	Efficacy and Safety of Botulinum Toxin vs. Placebo in Depression: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Frontiers in Psychiatry, 2020, 11, 603087.	1.3	9
54	Development of a nomogram for predicting clinical outcome in patients with angiogramâ€negative subarachnoid hemorrhage. CNS Neuroscience and Therapeutics, 2021, 27, 1339-1347.	1.9	9

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55	Oxidative Stress-Induced Ferroptosis in Cardiovascular Diseases and Epigenetic Mechanisms. Frontiers in Cell and Developmental Biology, 2021, 9, 685775.	1.8	9
56	Rh-CXCL-12 Attenuates Neuronal Pyroptosis after Subarachnoid Hemorrhage in Rats via Regulating the CXCR4/NLRP1 Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	9
57	Protective effect of c-Myc/Rab7a signal pathway in glioblastoma cells under hypoxia. Annals of Translational Medicine, 2020, 8, 283-283.	0.7	8
58	Whether statin use improves the survival of patients with glioblastoma?. Medicine (United States), 2020, 99, e18997.	0.4	8
59	Massive Cerebral Infarction Following Facial Injection of Autologous Fat: A Case Report and Review of the Literature. Frontiers in Human Neuroscience, 2021, 15, 610945.	1.0	8
60	Construction of competitive endogenous RNA network reveals regulatory role of long non-coding RNAs in intracranial aneurysm. BMC Neuroscience, 2021, 22, 15.	0.8	8
61	Deep venous drainage variant rate and degree may be higher in patients with perimesencephalic than in non-perimesencephalic angiogram-negative subarachnoid hemorrhage. European Radiology, 2021, 31, 1290-1299.	2.3	7
62	AT1R/GSK-3Î²/mTOR Signaling Pathway Involved in Angiotensin II-Induced Neuronal Apoptosis after HIE Both In Vitro and In Vivo. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	1.9	7
63	Pleiotropic Role of Tenascin-C in Central Nervous System Diseases: From Basic to Clinical Applications. Frontiers in Neurology, 2020, 11, 576230.	1.1	7
64	Inhibition of Aryl Hydrocarbon Receptor Attenuates Hyperglycemiaâ€induced Hematoma Expansion in an Intracerebral Hemorrhage Mouse Model. Journal of the American Heart Association, 2021, 10, e022701.	1.6	7
65	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase Suppresses Neuronal Apoptosis by Increasing Glycolysis and â€œcyclin-dependent kinase 1-Mediated Phosphorylation of p27 After Traumatic Spinal Cord Injury in Rats. Cell Transplantation, 2020, 29, 096368972095022.	1.2	6
66	Validation and Comparison of Aneurysmal Subarachnoid Hemorrhage Grading Scales in Angiogram-Negative Subarachnoid Hemorrhage Patients. BioMed Research International, 2020, 2020, 1-9.	0.9	6
67	Molecular Hydrogen Application in Stroke: Bench to Bedside. Current Pharmaceutical Design, 2021, 27, 703-712.	0.9	6
68	Activation of Galanin Receptor 1 with M617 Attenuates Neuronal Apoptosis via ERK/GSK-3Î²/TIP60 Pathway After Subarachnoid Hemorrhage in Rats. Neurotherapeutics, 2021, 18, 1905-1921.	2.1	6
69	Tobacco Smoking Increases Methylation of Polypyrimidine Tract Binding Protein 1 Promoter in Intracranial Aneurysms. Frontiers in Aging Neuroscience, 2021, 13, 688179.	1.7	5
70	The role of medical gas in stroke: an updated review. Medical Gas Research, 2019, 9, 221.	1.2	5
71	Effect of stressâ€induced hyperglycemia after nonâ€traumatic nonâ€aneurysmal subarachnoid hemorrhage on clinical complications and functional outcomes. CNS Neuroscience and Therapeutics, 2022, 28, 942-952.	1.9	5
72	A Correlative Study Between Personality Traits and the Preference of Site Selection in Cosmetic Treatment. Frontiers in Psychiatry, 2021, 12, 648751.	1.3	4

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73	Changes of Functional, Morphological, and Inflammatory Reactions in Spontaneous Peripheral Nerve Reinnervation after Thermal Injury. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-11.	1.9	4
74	Activation of LRP6 with HLY78 Attenuates Oxidative Stress and Neuronal Apoptosis via GSK3Î²/Sirt1/PGC-1Î± Pathway after ICH. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-18.	1.9	4
75	Ketogenic Diets and Hepatocellular Carcinoma. Frontiers in Oncology, 2022, 12, .	1.3	3
76	Novel Technologies in Studying Brain Immune Response. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-10.	1.9	2
77	The Role of Caspase Family in Acute Brain Injury: The Potential Therapeutic Targets in the Future. Current Neuropharmacology, 2022, 20, 1194-1211.	1.4	2
78	New Insights of Early Brain Injury after Subarachnoid Hemorrhage: A Focus on the Caspase Family. Current Neuropharmacology, 2023, 21, 392-408.	1.4	1