Louise D Mccullough

List of Publications by Citations

193 papers	9,450 citations	57 h-index	92 g-index
204 ext. papers	12,099 ext. citations	6.9 avg, IF	6.56 L-index

#	Paper	IF	Citations
193	Guidelines for the prevention of stroke in women: a statement for healthcare professionals from the American Heart Association/American Stroke Association. *Stroke*, **2014**, 45, 1545-88	6.7	560
192	Sex and gender: modifiers of health, disease, and medicine. *Lancet, The*, **2020**, 396, 565-582	40	347
191	Neuroprotective function of the PGE2 EP2 receptor in cerebral ischemia. *Journal of Neuroscience*, **2004**, 24, 257-68	6.6	314
190	Pharmacological inhibition of AMP-activated protein kinase provides neuroprotection in stroke. *Journal of Biological Chemistry*, **2005**, 280, 20493-502	5.4	281
189	Ischemic nitric oxide and poly (ADP-ribose) polymerase-1 in cerebral ischemia: male toxicity, female protection. *Journal of Cerebral Blood Flow and Metabolism*, **2005**, 25, 502-12	7.3	279
188	Estrogen and ischemic neuroprotection: an integrated view. *Trends in Endocrinology and Metabolism*, **2003**, 14, 228-35	8.8	246
187	Chronic behavioral testing after focal ischemia in the mouse: functional recovery and the effects of gender. *Experimental Neurology*, **2004**, 187, 94-104	5.7	238
186	TTC, fluoro-Jade B and NeuN staining confirm evolving phases of infarction induced by middle cerebral artery occlusion. *Journal of Neuroscience Methods*, **2009**, 179, 1-8	3	214
185	Computational neurobiology is a useful tool in translational neurology: the example of ataxia. *Frontiers in Neuroscience*, **2015**, 9, 1	5.1	187
184	Neuroprotective effects of adenosine monophosphate-activated protein kinase inhibition and gene deletion in stroke. *Stroke*, **2007**, 38, 2992-9	6.7	181
183	Functional differences between microglia and monocytes after ischemic stroke. *Journal of Neuroinflammation*, **2015**, 12, 106	10.1	178
182	Aromatase cytochrome P450 and extragonadal estrogen play a role in ischemic neuroprotection. *Journal of Neuroscience*, **2003**, 23, 8701-5	6.6	177
181	Changes in experimental stroke outcome across the life span. *Journal of Cerebral Blood Flow and Metabolism*, **2009**, 29, 792-802	7.3	161
180	Age-related changes in the gut microbiota influence systemic inflammation and stroke outcome. *Annals of Neurology*, **2018**, 84, 23-36	9.4	152
179	miR-23a regulation of X-linked inhibitor of apoptosis (XIAP) contributes to sex differences in the response to cerebral ischemia. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 11662-7	11.5	147
178	Middle cerebral artery occlusion model in rodents: methods and potential pitfalls. *Journal of Biomedicine and Biotechnology*, **2011**, 2011, 464701		137
177	CCR2+ Ly6C(hi) inflammatory monocyte recruitment exacerbates acute disability following intracerebral hemorrhage. *Journal of Neuroscience*, **2014**, 34, 3901-9	6.6	135

176	TGF-β1 modulates microglial phenotype and promotes recovery after intracerebral hemorrhage. *Journal of Clinical Investigation*, **2017**, 127, 280-292	15.9	132
175	Sex differences in caspase activation after stroke. *Stroke*, **2009**, 40, 1842-8	6.7	124
174	Stroke in women: disparities and outcomes. *Current Cardiology Reports*, **2010**, 12, 6-13	4.2	120
173	Coronavirus Disease 2019 and Stroke: Clinical Manifestations and Pathophysiological Insights. *Journal of Stroke and Cerebrovascular Diseases*, **2020**, 29, 104941	2.8	120
172	Differential effects of aging and sex on stroke induced inflammation across the lifespan. *Experimental Neurology*, **2013**, 249, 120-31	5.7	116
171	Old Maids: Aging and Its Impact on Microglia Function. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	115
170	Effects of metformin in experimental stroke. *Stroke*, **2010**, 41, 2645-52	6.7	114
169	Sex differences in the response to activation of the poly (ADP-ribose) polymerase pathway after experimental stroke. *Experimental Neurology*, **2009**, 217, 210-8	5.7	107
168	Functional recovery in aging mice after experimental stroke. *Brain, Behavior, and Immunity*, **2011**, 25, 1689-700	16.6	106
167	Estrogen enhances neurogenesis and behavioral recovery after stroke. *Journal of Cerebral Blood Flow and Metabolism*, **2011**, 31, 413-25	7.3	103
166	The effects of estrogen in ischemic stroke. *Translational Stroke Research*, **2013**, 4, 390-401	7.8	100
165	Age and Sex Are Critical Factors in Ischemic Stroke Pathology. *Endocrinology*, **2018**, 159, 3120-3131	4.8	98
164	Sexually dimorphic outcomes and inflammatory responses in hypoxic-ischemic encephalopathy. *Journal of Neuroinflammation*, **2015**, 12, 32	10.1	97
163	Sex differences in minocycline-induced neuroprotection after experimental stroke. *Journal of Cerebral Blood Flow and Metabolism*, **2009**, 29, 670-4	7.3	95
162	Age-Associated Resident Memory CD8 T Cells in the Central Nervous System Are Primed To Potentiate Inflammation after Ischemic Brain Injury. *Journal of Immunology*, **2016**, 196, 3318-30	5.3	93
161	Critical role of sphingosine-1-phosphate receptor-2 in the disruption of cerebrovascular integrity in experimental stroke. *Nature Communications*, **2015**, 6, 7893	17.4	92
160	Gut Microbiota-Derived Short-Chain Fatty Acids Promote Poststroke Recovery in Aged Mice. *Circulation Research*, **2020**, 127, 453-465	15.7	91
159	Sex differences in cell death. *Annals of Neurology*, **2005**, 58, 317-21	9.4	91

158	Chronic metformin treatment improves post-stroke angiogenesis and recovery after experimental stroke. *European Journal of Neuroscience*, **2014**, 39, 2129-38	3.5	89
157	Sex differences in stroke: Challenges and opportunities. *Journal of Cerebral Blood Flow and Metabolism*, **2018**, 38, 2179-2191	7.3	87
156	Age- and location-related changes in microglial function. *Neurobiology of Aging*, **2015**, 36, 2153-63	5.6	86
155	Aging alters the immunological response to ischemic stroke. *Acta Neuropathologica*, **2018**, 136, 89-110	14.3	86
154	Sex differences in ischemic stroke sensitivity are influenced by gonadal hormones, not by sex chromosome complement. *Journal of Cerebral Blood Flow and Metabolism*, **2015**, 35, 221-9	7.3	83
153	NIH initiative to balance sex of animals in preclinical studies: generative questions to guide policy, implementation, and metrics. *Biology of Sex Differences*, **2014**, 5, 15	9.3	83
152	Sex differences in stroke: the contribution of coagulation. *Experimental Neurology*, **2014**, 259, 16-27	5.7	76
151	Sex, stroke, and inflammation: the potential for estrogen-mediated immunoprotection in stroke. *Hormones and Behavior*, **2013**, 63, 238-53	3.7	76
150	Social isolation after stroke leads to depressive-like behavior and decreased BDNF levels in mice. *Behavioural Brain Research*, **2014**, 260, 162-70	3.4	76
149	Sex differences in susceptibility, severity, and outcomes of coronavirus disease 2019: Cross-sectional analysis from a diverse US metropolitan area. *PLoS ONE*, **2021**, 16, e0245556	3.7	73
148	Sex differences in neuroinflammation and neuroprotection in ischemic stroke. *Journal of Neuroscience Research*, **2017**, 95, 462-471	4.4	70
147	Ischemic stroke induces gut permeability and enhances bacterial translocation leading to sepsis in aged mice. *Aging*, **2016**, 8, 1049-63	5.6	67
146	Stroke sensitivity in the aged: sex chromosome complement vs. gonadal hormones. *Aging*, **2016**, 8, 1432-41	5.6	65
145	Endovascular Thrombectomy for Mild Strokes: How Low Should We Go?. *Stroke*, **2018**, 49, 2398-2405	6.7	65
144	Sex differences in the response to poly(ADP-ribose) polymerase-1 deletion and caspase inhibition after stroke. *Stroke*, **2011**, 42, 1090-6	6.7	63
143	Translational Stroke Research: Vision and Opportunities. *Stroke*, **2017**, 48, 2632-2637	6.7	62
142	Interactions between age, sex, and hormones in experimental ischemic stroke. *Neurochemistry International*, **2012**, 61, 1255-65	4.4	62
141	Sexual dimorphism in ischemic stroke: lessons from the laboratory. *Womens Health*, **2011**, 7, 319-39	3	62

140	Social interaction improves experimental stroke outcome. *Stroke*, **2005**, 36, 2006-11	6.7	62
139	NF-B contributes to the detrimental effects of social isolation after experimental stroke. *Acta Neuropathologica*, **2012**, 124, 425-38	14.3	61
138	The Importance of Considering Sex Differences in Translational Stroke Research. *Translational Stroke Research*, **2016**, 7, 261-73	7.8	58
137	Real-World Treatment Trends in Endovascular Stroke Therapy. *Stroke*, **2019**, 50, 683-689	6.7	57
136	Nano-particle delivery of brain derived neurotrophic factor after focal cerebral ischemia reduces tissue injury and enhances behavioral recovery. *Pharmacology Biochemistry and Behavior*, **2016**, 150-151, 48-56	3.9	53
135	Nationwide Estimates of 30-Day Readmission in Patients With Ischemic Stroke. *Stroke*, **2017**, 48, 1386-1388	6.7	47
134	Hyponatremia in the prognosis of acute ischemic stroke. *Journal of Stroke and Cerebrovascular Diseases*, **2014**, 23, 850-4	2.8	47
133	Examining the Role of the Microbiota-Gut-Brain Axis in Stroke. *Stroke*, **2019**, 50, 2270-2277	6.7	44
132	Peripheral Nerve Regeneration Strategies: Electrically Stimulating Polymer Based Nerve Growth Conduits. *Critical Reviews in Biomedical Engineering*, **2015**, 43, 131-59	1.1	43
131	Acute stroke management in the elderly. *Cerebrovascular Diseases*, **2007**, 23, 304-8	3.2	42
130	Deletion of the P2X4 receptor is neuroprotective acutely, but induces a depressive phenotype during recovery from ischemic stroke. *Brain, Behavior, and Immunity*, **2017**, 66, 302-312	16.6	39
129	Inhibition of calcium/calmodulin-dependent protein kinase kinase and calcium/calmodulin-dependent protein kinase IV is detrimental in cerebral ischemia. *Stroke*, **2013**, 44, 2559-66	6.7	38
128	Peripheral Nervous System Manifestations Associated with COVID-19. *Current Neurology and Neuroscience Reports*, **2021**, 21, 9	6.6	38
127	Sex differences in ischaemic stroke: potential cellular mechanisms. *Clinical Science*, **2017**, 131, 533-552	6.5	37
126	Dysregulated Gut Homeostasis Observed Prior to the Accumulation of the Brain Amyloid- In Tg2576 Mice. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	36
125	The G-quadruplex DNA stabilizing drug pyridostatin promotes DNA damage and downregulates transcription of Brca1 in neurons. *Aging*, **2017**, 9, 1957-1970	5.6	36
124	Splenectomy protects aged mice from injury after experimental stroke. *Neurobiology of Aging*, **2018**, 61, 102-111	5.6	35
123	Microglial IRF5-IRF4 regulatory axis regulates neuroinflammation after cerebral ischemia and impacts stroke outcomes. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 1742-1752	11.5	35

122	Sex Differences in Adipose Tissue CD8 T Cells and Regulatory T Cells in Middle-Aged Mice. *Frontiers in Immunology*, **2018**, 9, 659	8.4	34
121	Sex Differences in Outcome After Endovascular Stroke Therapy for Acute Ischemic Stroke. *Stroke*, **2019**, 50, 2420-2427	6.7	34
120	Pair housing reverses post-stroke depressive behavior in mice. *Behavioural Brain Research*, **2014**, 269, 155-63	3.4	34
119	Stroke prevention in women: synopsis of the 2014 American Heart Association/American Stroke Association guideline. *Annals of Internal Medicine*, **2014**, 160, 853-7	8	34
118	Protection from cerebral ischemia by inhibition of TGF□activated kinase. *Experimental Neurology*, **2012**, 237, 238-45	5.7	34
117	Deficits in auditory, cognitive, and motor processing following reversible middle cerebral artery occlusion in mice. *Experimental Neurology*, **2012**, 238, 114-21	5.7	32
116	Central Nervous System Manifestations Associated with COVID-19. *Current Neurology and Neuroscience Reports*, **2020**, 20, 60	6.6	32
115	The Neurological Manifestations of Post-Acute Sequelae of SARS-CoV-2 infection. *Current Neurology and Neuroscience Reports*, **2021**, 21, 44	6.6	32
114	Inhibition of mitogen-activated protein kinase phosphatase-1 (MKP-1) increases experimental stroke injury. *Experimental Neurology*, **2014**, 261, 404-11	5.7	31
113	Prestroke living situation and depression contribute to initial stroke severity and stroke recovery. *Journal of Stroke and Cerebrovascular Diseases*, **2015**, 24, 492-9	2.8	30
112	Expression of Na-K-Cl cotransporter and edema formation are age dependent after ischemic stroke. *Experimental Neurology*, **2010**, 224, 356-61	5.7	30
111	Small-molecule G-quadruplex stabilizers reveal a novel pathway of autophagy regulation in neurons. *ELife*, **2020**, 9,	8.9	30
110	Deletion of macrophage migration inhibitory factor worsens stroke outcome in female mice. *Neurobiology of Disease*, **2013**, 54, 421-31	7.5	29
109	Young versus aged microbiota transplants to germ-free mice: increased short-chain fatty acids and improved cognitive performance. *Gut Microbes*, **2020**, 12, 1-14	8.8	28
108	Reversal of the Detrimental Effects of Post-Stroke Social Isolation by Pair-Housing is Mediated by Activation of BDNF-MAPK/ERK in Aged Mice. *Scientific Reports*, **2016**, 6, 25176	4.9	27
107	Clinical outcomes after neurogenic stress induced cardiomyopathy in aneurysmal sub-arachnoid hemorrhage: a prospective cohort study. *Clinical Neurology and Neurosurgery*, **2015**, 128, 4-9	2	26
106	Inhibition of glycogen synthase kinase-3□enhances cognitive recovery after stroke: the role of TAK1. *Learning and Memory*, **2015**, 22, 336-43	2.8	26
105	Systematic Review on the Involvement of the Kynurenine Pathway in Stroke: Pre-clinical and Clinical Evidence. *Frontiers in Neurology*, **2019**, 10, 778	4.1	25

104	Multiparity improves outcomes after cerebral ischemia in female mice despite features of increased metabovascular risk. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E5673-E5682	11.5	25
103	CD200-CD200R1 inhibitory signaling prevents spontaneous bacterial infection and promotes resolution of neuroinflammation and recovery after stroke. *Journal of Neuroinflammation*, **2019**, 16, 40	10.1	24
102	Sex differences in T cell immune responses, gut permeability and outcome after ischemic stroke in aged mice. *Brain, Behavior, and Immunity*, **2020**, 87, 556-567	16.6	24
101	Perfusion of ischemic brain in young and aged animals: a laser speckle flowmetry study. *Stroke*, **2014**, 45, 571-8	6.7	24
100	Nuclear translocation of histone deacetylase 4 induces neuronal death in stroke. *Neurobiology of Disease*, **2016**, 91, 182-93	7.5	23
99	Thyroid hormones and functional outcomes after ischemic stroke. *Thyroid Research*, **2015**, 8, 9	2.4	23
98	Inhibition of miR-141-3p Ameliorates the Negative Effects of Poststroke Social Isolation in Aged Mice. *Stroke*, **2018**, 49, 1701-1707	6.7	21
97	Sphingosine kinase 1-associated autophagy differs between neurons and astrocytes. *Cell Death and Disease*, **2018**, 9, 521	9.8	20
96	The impact of sex and age on T cell immunity and ischemic stroke outcomes. *Cellular Immunology*, **2019**, 345, 103960	4.4	20
95	Sex as a biological variable in the pathology and pharmacology of neurodegenerative and neurovascular diseases. *British Journal of Pharmacology*, **2019**, 176, 4173-4192	8.6	19
94	Age-dependent involvement of gut mast cells and histamine in post-stroke inflammation. *Journal of Neuroinflammation*, **2020**, 17, 160	10.1	19
93	Genetic deletion of calcium/calmodulin-dependent protein kinase kinase [(CaMKK)]or CaMK IV exacerbates stroke outcomes in ovariectomized (OVXed) female mice. *BMC Neuroscience*, **2014**, 15, 118	3.2	18
92	Reducing acetylated tau is neuroprotective in brain injury. *Cell*, **2021**, 184, 2715-2732.e23	56.2	18
91	Sex differences and the role of IL-10 in ischemic stroke recovery. *Biology of Sex Differences*, **2015**, 6, 17	9.3	17
90	Call to Action: SARS-CoV-2 and CerebrovAscular DisordErs (CASCADE). *Journal of Stroke and Cerebrovascular Diseases*, **2020**, 29, 104938	2.8	17
89	CCL11 (Eotaxin-1) Levels Predict Long-Term Functional Outcomes in Patients Following Ischemic Stroke. *Translational Stroke Research*, **2017**, 8, 578-584	7.8	16
88	Neonatal testosterone exposure protects adult male rats from stroke. *Neuroendocrinology*, **2013**, 97, 271-82	5.6	16
87	Aging exacerbates neutrophil pathogenicity in ischemic stroke. *Aging*, **2020**, 12, 436-461	5.6	16

86	Ras-Related C3 Botulinum Toxin Substrate 1 Promotes Axonal Regeneration after Stroke in Mice. *Translational Stroke Research*, **2018**, 9, 506-514	7.8	15
85	Inhibition of mitochondrial p53 abolishes the detrimental effects of social isolation on ischemic brain injury. *Stroke*, **2014**, 45, 3101-4	6.7	15
84	Early retinal inflammatory biomarkers in the middle cerebral artery occlusion model of ischemic stroke. *Molecular Vision*, **2016**, 22, 575-88	2.3	15
83	Serum Markers of Blood-Brain Barrier Remodeling and Fibrosis as Predictors of Etiology and Clinicoradiologic Outcome in Intracerebral Hemorrhage. *Frontiers in Neurology*, **2018**, 9, 746	4.1	15
82	Fibronectin induces the perivascular deposition of cerebrospinal fluid-derived amyloid-□n aging and after stroke. *Neurobiology of Aging*, **2018**, 72, 1-13	5.6	14
81	Association of Primary Intracerebral Hemorrhage With Pregnancy and the Postpartum Period. *JAMA Network Open*, **2020**, 3, e202769	10.4	14
80	Impact of Initial Imaging Protocol on Likelihood of Endovascular Stroke Therapy. *Stroke*, **2020**, 51, 3055-3063	6.7	13
79	Sex differences in stroke across the lifespan: The role of T lymphocytes. *Neurochemistry International*, **2017**, 107, 127-137	4.4	12
78	Activation of endothelial ras-related C3 botulinum toxin substrate 1 (Rac1) improves post-stroke recovery and angiogenesis via activating Pak1 in mice. *Experimental Neurology*, **2019**, 322, 113059	5.7	12
77	Transforming growth factor-□promotes basement membrane fibrosis, alters perivascular cerebrospinal fluid distribution, and worsens neurological recovery in the aged brain after stroke. *GeroScience*, **2019**, 41, 543-559	8.9	12
76	Gut dysbiosis and age-related neurological diseases; an innovative approach for therapeutic interventions. *Translational Research*, **2020**, 226, 39-56	11	12
75	A survey of blood pressure parameters after aneurysmal subarachnoid hemorrhage. *International Journal of Neuroscience*, **2017**, 127, 51-58	2	11
74	High in-hospital blood pressure variability and severe disability or death in primary intracerebral hemorrhage patients. *International Journal of Stroke*, **2019**, 14, 987-995	6.3	11
73	Microthrombi Correlates With Infarction and Delayed Neurological Deficits After Subarachnoid Hemorrhage in Mice. *Stroke*, **2020**, 51, 2249-2254	6.7	11
72	Polyuria and cerebral vasospasm after aneurysmal subarachnoid hemorrhage. *BMC Neurology*, **2015**, 15, 201	3.1	11
71	Utilization and Availability of Advanced Imaging in Patients With Acute Ischemic Stroke. *Circulation: Cardiovascular Quality and Outcomes*, **2021**, 14, e006989	5.8	11
70	Calcium/calmodulin-dependent protein kinase kinase □s neuroprotective in stroke in aged mice. *European Journal of Neuroscience*, **2016**, 44, 2139-46	3.5	11
69	Inhibition of calcium/calmodulin-dependent protein kinase kinase (CaMKK) exacerbates impairment of endothelial cell and blood-brain barrier after stroke. *European Journal of Neuroscience*, **2019**, 49, 27-39	3.5	11

68	Regulation of autophagy by DNA G-quadruplexes. *Autophagy*, **2020**, 16, 2252-2259	10.2	10
67	Depletion of CD4 T cells provides therapeutic benefits in aged mice after ischemic stroke. *Experimental Neurology*, **2020**, 326, 113202	5.7	10
66	Growth differentiation factor-11 supplementation improves survival and promotes recovery after ischemic stroke in aged mice. *Aging*, **2020**, 12, 8049-8066	5.6	10
65	Potential caveats of putative microglia-specific markers for assessment of age-related cerebrovascular neuroinflammation. *Journal of Neuroinflammation*, **2020**, 17, 366	10.1	10
64	Glioma and temozolomide induced alterations in gut microbiome. *Scientific Reports*, **2020**, 10, 21002	4.9	10
63	Astrocytes fuel the fire of lymphocyte toxicity after stroke. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 425-427	11.5	9
62	Dysphagia as a predictor of outcome and transition to palliative care among middle cerebral artery ischemic stroke patients. *BMC Palliative Care*, **2013**, 12, 21	3	9
61	Females Are Less Likely Invited Speakers to the International Stroke Conference: Time Up to Address Sex Disparity. *Stroke*, **2020**, 51, 674-678	6.7	9
60	Glioma induced alterations in fecal short-chain fatty acids and neurotransmitters. *CNS Oncology*, **2020**, 9, CNS57	4	9
59	Cerebral Amyloid Angiopathy, Alzheimer Disease and MicroRNA: miRNA as Diagnostic Biomarkers and Potential Therapeutic Targets. *NeuroMolecular Medicine*, **2019**, 21, 369-390	4.6	8
58	Peroxisomal Dysfunction in Neurological Diseases and Brain Aging. *Frontiers in Cellular Neuroscience*, **2020**, 14, 44	6.1	8
57	Myeloid-specific TAK1 deletion results in reduced brain monocyte infiltration and improved outcomes after stroke. *Journal of Neuroinflammation*, **2018**, 15, 148	10.1	8
56	Rationale and Design of a Statewide Cohort to examine efficient resource utilization for patients with Intracerebral hemorrhage (EnRICH). *BMC Neurology*, **2018**, 18, 31	3.1	8
55	EMMPRIN/CD147 plays a detrimental role in clinical and experimental ischemic stroke. *Aging*, **2020**, 12, 5121-5139	5.6	8
54	Cerebral Amyloid Angiopathy and Blood-Brain Barrier Dysfunction. *Neuroscientist*, **2021**, 27, 668-684	7.6	8
53	Myeloid cell IRF4 signaling protects neonatal brains from hypoxic ischemic encephalopathy. *Neurochemistry International*, **2019**, 127, 148-157	4.4	8
52	Differential MicroRibonucleic Acid Expression in Cardioembolic Stroke. *Journal of Stroke and Cerebrovascular Diseases*, **2019**, 28, 121-124	2.8	8
51	Peripherally-sourced myeloid antigen presenting cells increase with advanced aging. *Brain, Behavior, and Immunity*, **2020**, 90, 235-247	16.6	7

50	Brain injury, endothelial injury and inflammatory markers are elevated and express sex-specific alterations after COVID-19. *Journal of Neuroinflammation*, **2021**, 18, 277	10.1	7
49	Ultrasonic vocalization changes and FOXP2 expression after experimental stroke. *Behavioural Brain Research*, **2015**, 283, 154-61	3.4	6
48	The Role of Basement Membranes in Cerebral Amyloid Angiopathy. *Frontiers in Physiology*, **2020**, 11, 601320	4.6	6
47	IRF5 Signaling in Phagocytes Is Detrimental to Neonatal Hypoxic Ischemic Encephalopathy. *Translational Stroke Research*, **2021**, 12, 602-614	7.8	6
46	Identifying Genetic and Biological Determinants of Race-Ethnic Disparities in Stroke in the United States. *Stroke*, **2020**, 51, 3417-3424	6.7	6
45	Microglia depletion increase brain injury after acute ischemic stroke in aged mice. *Experimental Neurology*, **2021**, 336, 113530	5.7	6
44	Sex differences in the immune response to acute COVID-19 respiratory tract infection.. *Biology of Sex Differences*, **2021**, 12, 66	9.3	6
43	Blood biomarkers for physical recovery in ischemic stroke: a systematic review. *American Journal of Translational Research (discontinued)*, **2019**, 11, 4603-4613	3	5
42	X chromosome escapee genes are involved in ischemic sexual dimorphism through epigenetic modification of inflammatory signals. *Journal of Neuroinflammation*, **2021**, 18, 70	10.1	5
41	Activation of neuronal Ras-related C3 botulinum toxin substrate 1 (Rac1) improves post-stroke recovery and axonal plasticity in mice. *Journal of Neurochemistry*, **2021**, 157, 1366-1376	6	5
40	Long Noncoding RNA Fos Downstream Transcript Is Developmentally Dispensable but Vital for Shaping the Poststroke Functional Outcome. *Stroke*, **2021**, 52, 2381-2392	6.7	5
39	Brain to periphery in acute ischemic stroke: Mechanisms and clinical significance. *Frontiers in Neuroendocrinology*, **2021**, 63, 100932	8.9	5
38	Aging Microbiota-Gut-Brain Axis in Stroke Risk and Outcome.. *Circulation Research*, **2022**, 130, 1112-1144	15.7	5
37	Generalized myoclonus: a rare manifestation of stroke. *Neurohospitalist, The*, **2015**, 5, 28-31	1.1	4
36	Age-related immune alterations and cerebrovascular inflammation. *Molecular Psychiatry*, **2021**,	15.1	4
35	Sex-Specific Differences in Autophagic Responses to Experimental Ischemic Stroke. *Cells*, **2021**, 10,	7.9	4
34	Microarray Profiling Reveals Distinct Circulating miRNAs in Aged Male and Female Mice Subjected to Post-stroke Social Isolation. *NeuroMolecular Medicine*, **2021**, 23, 305-314	4.6	4
33	Pearls & Oy-sters: Enhancing vigilance for detection of cerebral air embolism: From syncope to death. *Neurology*, **2018**, 91, 717-720	6.5	4

32	Exogenous inter-α-inhibitor proteins prevent cell death and improve ischemic stroke outcomes in mice. *Journal of Clinical Investigation*, **2021**, 131,	15.9	4
31	Sex-specific Association of Matrix Metalloproteinases with Secondary Injury and Outcomes after Intracerebral Hemorrhage. *Journal of Stroke and Cerebrovascular Diseases*, **2019**, 28, 1718-1725	2.8	3
30	Long-Term Cognitive Impairment Associated With Delirium in Acute Neurological Injury **2020**, 2, e0130		3
29	Post-Stroke Social Isolation Reduces Cell Proliferation in the Dentate Gyrus and Alters miRNA Profiles in the Aged Female Mice Brain. *International Journal of Molecular Sciences*, **2020**, 22,	6.3	3
28	Risk of hemorrhagic transformation after ischemic stroke in patients with antiphospholipid antibody syndrome. *Neurological Research*, **2017**, 39, 477-483	2.7	3
27	Distinct Age-Specific miRegulome Profiling of Isolated Small and Large Intestinal Epithelial Cells in Mice. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
26	Integrated Stroke System Model Expands Availability of Endovascular Therapy While Maintaining Quality Outcomes. *Stroke*, **2021**, 52, 1022-1029	6.7	3
25	Sex differences in a murine model of Cerebral Amyloid Angiopathy. *Brain, Behavior, & Immunity - Health*, **2021**, 14, 100260	5.1	3
24	Time Course of Peripheral Leukocytosis and Clinical Outcomes After Aneurysmal Subarachnoid Hemorrhage. *Frontiers in Neurology*, **2021**, 12, 694996	4.1	3
23	Direct Assessment of Health Utilities Using the Standard Gamble Among Patients With Primary Intracerebral Hemorrhage. *Circulation: Cardiovascular Quality and Outcomes*, **2019**, 12, e005606	5.8	3
22	The role of residents in medical students?neurology education: current status and future perspectives. *BMC Medical Education*, **2020**, 20, 115	3.3	3
21	Cerebrovascular disease in women. *Therapeutic Advances in Neurological Disorders*, **2021**, 14, 17562864209852[illegible]37	[illegible]	3
20	Inhibition of Calcium/Calmodulin-Dependent Protein Kinase Kinase β Is Detrimental in Hypoxia?Ischemia Neonatal Brain Injury. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	2
19	Cerebral Circulation in Men and Women. *Advances in Experimental Medicine and Biology*, **2018**, 1065, 279-290	3.0	2
18	Differential responses of neurons, astrocytes, and microglia to G-quadruplex stabilization. *Aging*, **2021**, 13, 15917-15941	5.6	2
17	Increased P450 aromatase levels in post-menopausal women after acute ischemic stroke. *Biology of Sex Differences*, **2021**, 12, 8	9.3	2
16	The Stroke Preclinical Assessment Network: Rationale, Design, Feasibility, and Stage 1 Results.. *Stroke*, **2022**, 101161STROKEAHA121038047	6.7	2
15	Sex-Specific Immune Responses in Stroke.. *Stroke*, **2022**, 53, 1449-1459	6.7	2

14	Abstract TMP36: Sex Differences in Neutrophil-T Cell Immune Responses and Outcome After Ischemic Stroke in Aged Mice. *Stroke*, **2018**, 49,	6.7	1
13	Early Post-stroke Depressive Symptoms are Associated with Low Peripheral Levels of Soluble Triggering Receptor Expressed on Myeloid Cells-1 (sTREM-1) and Glial Cell-derived Neurotrophic Factor (GDNF). *Current Neurovascular Research*, **2020**, 17, 495-501	1.8	1
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