

Louise D Mccullough

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

14,449
citations

17440

63
h-index

24258

110
g-index

204
all docs

204
docs citations

204
times ranked

17538
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex and gender: modifiers of health, disease, and medicine. <i>Lancet, The</i> , 2020, 396, 565-582.	13.7	955
2	Guidelines for the Prevention of Stroke in Women. <i>Stroke</i> , 2014, 45, 1545-1588.	2.0	754
3	Neuroprotective Function of the PGE2 EP2 Receptor in Cerebral Ischemia. <i>Journal of Neuroscience</i> , 2004, 24, 257-268.	3.6	351
4	Computational neurobiology is a useful tool in translational neurology: the example of ataxia. <i>Frontiers in Neuroscience</i> , 2015, 9, 1.	2.8	326
5	Pharmacological Inhibition of AMP-activated Protein Kinase Provides Neuroprotection in Stroke. <i>Journal of Biological Chemistry</i> , 2005, 280, 20493-20502.	3.4	312
6	Ischemic Nitric Oxide and Poly (ADP-Ribose) Polymerase-1 in Cerebral Ischemia: Male Toxicity, Female Protection. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 502-512.	4.3	304
7	Age-related changes in the gut microbiota influence systemic inflammation and stroke outcome. <i>Annals of Neurology</i> , 2018, 84, 23-36.	5.3	293
8	Estrogen and ischemic neuroprotection: an integrated view. <i>Trends in Endocrinology and Metabolism</i> , 2003, 14, 228-235.	7.1	279
9	Gut Microbiota-derived Short-Chain Fatty Acids Promote Poststroke Recovery in Aged Mice. <i>Circulation Research</i> , 2020, 127, 453-465.	4.5	263
10	Chronic behavioral testing after focal ischemia in the mouse: functional recovery and the effects of gender. <i>Experimental Neurology</i> , 2004, 187, 94-104.	4.1	261
11	TTC, Fluoro-Jade B and NeuN staining confirm evolving phases of infarction induced by middle cerebral artery occlusion. <i>Journal of Neuroscience Methods</i> , 2009, 179, 1-8.	2.5	242
12	Age and Sex Are Critical Factors in Ischemic Stroke Pathology. <i>Endocrinology</i> , 2018, 159, 3120-3131.	2.8	227
13	Functional differences between microglia and monocytes after ischemic stroke. <i>Journal of Neuroinflammation</i> , 2015, 12, 106.	7.2	225
14	TGF- β 1 modulates microglial phenotype and promotes recovery after intracerebral hemorrhage. <i>Journal of Clinical Investigation</i> , 2016, 127, 280-292.	8.2	211
15	Neuroprotective Effects of Adenosine Monophosphate- Activated Protein Kinase Inhibition and Gene Deletion in Stroke. <i>Stroke</i> , 2007, 38, 2992-2999.	2.0	198
16	Aromatase Cytochrome P450 and Extragonadal Estrogen Play a Role in Ischemic Neuroprotection. <i>Journal of Neuroscience</i> , 2003, 23, 8701-8705.	3.6	195
17	Changes in Experimental Stroke Outcome across the Life Span. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 792-802.	4.3	192
18	Sex differences in stroke: Challenges and opportunities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 2179-2191.	4.3	191

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19	Stroke in Women: Disparities and Outcomes. <i>Current Cardiology Reports</i> , 2010, 12, 6-13.	2.9	184
20	Middle Cerebral Artery Occlusion Model in Rodents: Methods and Potential Pitfalls. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-9.	3.0	181
21	Coronavirus Disease 2019 and Stroke: Clinical Manifestations and Pathophysiological Insights. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104941.	1.6	178
22	CCR2 ^{hi} Ly6C ^{hi} Inflammatory Monocyte Recruitment Exacerbates Acute Disability Following Intracerebral Hemorrhage. <i>Journal of Neuroscience</i> , 2014, 34, 3901-3909.	3.6	171
23	miR-23a regulation of X-linked inhibitor of apoptosis (XIAP) contributes to sex differences in the response to cerebral ischemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11662-11667.	7.1	163
24	Old Maids: Aging and Its Impact on Microglia Function. <i>International Journal of Molecular Sciences</i> , 2017, 18, 769.	4.1	163
25	Differential effects of aging and sex on stroke induced inflammation across the lifespan. <i>Experimental Neurology</i> , 2013, 249, 120-131.	4.1	158
26	Sex differences in susceptibility, severity, and outcomes of coronavirus disease 2019: Cross-sectional analysis from a diverse US metropolitan area. <i>PLoS ONE</i> , 2021, 16, e0245556.	2.5	157
27	The Effects of Estrogen in Ischemic Stroke. <i>Translational Stroke Research</i> , 2013, 4, 390-401.	4.2	148
28	Aging alters the immunological response to ischemic stroke. <i>Acta Neuropathologica</i> , 2018, 136, 89-110.	7.7	145
29	Sex Differences in Caspase Activation After Stroke. <i>Stroke</i> , 2009, 40, 1842-1848.	2.0	142
30	Effects of Metformin in Experimental Stroke. <i>Stroke</i> , 2010, 41, 2645-2652.	2.0	142
31	Age-Associated Resident Memory CD8 T Cells in the Central Nervous System Are Primed To Potentiate Inflammation after Ischemic Brain Injury. <i>Journal of Immunology</i> , 2016, 196, 3318-3330.	0.8	141
32	Sexually dimorphic outcomes and inflammatory responses in hypoxic-ischemic encephalopathy. <i>Journal of Neuroinflammation</i> , 2015, 12, 32.	7.2	137
33	Peripheral Nervous System Manifestations Associated with COVID-19. <i>Current Neurology and Neuroscience Reports</i> , 2021, 21, 9.	4.2	130
34	Ischemic stroke induces gut permeability and enhances bacterial translocation leading to sepsis in aged mice. <i>Aging</i> , 2016, 8, 1049-1063.	3.1	127
35	Critical role of sphingosine-1-phosphate receptor-2 in the disruption of cerebrovascular integrity in experimental stroke. <i>Nature Communications</i> , 2015, 6, 7893.	12.8	125
36	Functional recovery in aging mice after experimental stroke. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1689-1700.	4.1	124

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37	Estrogen Enhances Neurogenesis and Behavioral Recovery after Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 413-425.	4.3	119
38	Sex differences in the response to activation of the poly (ADP-ribose) polymerase pathway after experimental stroke. <i>Experimental Neurology</i> , 2009, 217, 210-218.	4.1	115
39	The Neurological Manifestations of Post-Acute Sequelae of SARS-CoV-2 Infection. <i>Current Neurology and Neuroscience Reports</i> , 2021, 21, 44.	4.2	110
40	Chronic metformin treatment improves post-stroke angiogenesis and recovery after experimental stroke. <i>European Journal of Neuroscience</i> , 2014, 39, 2129-2138.	2.6	109
41	Sex Differences in Minocycline-Induced Neuroprotection after Experimental Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 670-674.	4.3	108
42	Translational Stroke Research. <i>Stroke</i> , 2017, 48, 2632-2637.	2.0	108
43	Age- and location-related changes in microglial function. <i>Neurobiology of Aging</i> , 2015, 36, 2153-2163.	3.1	106
44	Sex differences in cell death. <i>Annals of Neurology</i> , 2005, 58, 317-321.	5.3	104
45	Sex Differences in Ischemic Stroke Sensitivity Are Influenced by Gonadal Hormones, Not by Sex Chromosome Complement. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 221-229.	4.3	101
46	Microglial IRF5-IRF4 regulatory axis regulates neuroinflammation after cerebral ischemia and impacts stroke outcomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1742-1752.	7.1	101
47	Endovascular Thrombectomy for Mild Strokes: How Low Should We Go?. <i>Stroke</i> , 2018, 49, 2398-2405.	2.0	100
48	NIH initiative to balance sex of animals in preclinical studies: generative questions to guide policy, implementation, and metrics. <i>Biology of Sex Differences</i> , 2014, 5, 15.	4.1	98
49	Sex differences in neuroinflammation and neuroprotection in ischemic stroke. <i>Journal of Neuroscience Research</i> , 2017, 95, 462-471.	2.9	98
50	Sex differences in stroke: The contribution of coagulation. <i>Experimental Neurology</i> , 2014, 259, 16-27.	4.1	97
51	Examining the Role of the Microbiota-Gut-Brain Axis in Stroke. <i>Stroke</i> , 2019, 50, 2270-2277.	2.0	97
52	Social isolation after stroke leads to depressive-like behavior and decreased BDNF levels in mice. <i>Behavioural Brain Research</i> , 2014, 260, 162-170.	2.2	96
53	Reducing acetylated tau is neuroprotective in brain injury. <i>Cell</i> , 2021, 184, 2715-2732.e23.	28.9	91
54	Stroke sensitivity in the aged: sex chromosome complement vs. gonadal hormones. <i>Aging</i> , 2016, 8, 1432-1441.	3.1	86

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55	The Importance of Considering Sex Differences in Translational Stroke Research. <i>Translational Stroke Research</i> , 2016, 7, 261-273.	4.2	84
56	Sex, stroke, and inflammation: The potential for estrogen-mediated immunoprotection in stroke. <i>Hormones and Behavior</i> , 2013, 63, 238-253.	2.1	83
57	Real-World Treatment Trends in Endovascular Stroke Therapy. <i>Stroke</i> , 2019, 50, 683-689.	2.0	80
58	Sexual Dimorphism in Ischemic Stroke: Lessons from the Laboratory. <i>Women's Health</i> , 2011, 7, 319-339.	1.5	78
59	Deletion of the P2X4 receptor is neuroprotective acutely, but induces a depressive phenotype during recovery from ischemic stroke. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 302-312.	4.1	78
60	Sex Differences in the Response to Poly(ADP-ribose) Polymerase-1 Deletion and Caspase Inhibition After Stroke. <i>Stroke</i> , 2011, 42, 1090-1096.	2.0	75
61	Dysregulated Gut Homeostasis Observed Prior to the Accumulation of the Brain Amyloid- β^2 in Tg2576 Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1711.	4.1	75
62	Central Nervous System Manifestations Associated with COVID-19. <i>Current Neurology and Neuroscience Reports</i> , 2020, 20, 60.	4.2	73
63	Young versus aged microbiota transplants to germ-free mice: increased short-chain fatty acids and improved cognitive performance. <i>Gut Microbes</i> , 2020, 12, 1814107.	9.8	72
64	Nano-particle delivery of brain derived neurotrophic factor after focal cerebral ischemia reduces tissue injury and enhances behavioral recovery. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 150-151, 48-56.	2.9	71
65	Social Interaction Improves Experimental Stroke Outcome. <i>Stroke</i> , 2005, 36, 2006-2011.	2.0	69
66	Interactions between age, sex, and hormones in experimental ischemic stroke. <i>Neurochemistry International</i> , 2012, 61, 1255-1265.	3.8	69
67	NF- κ B contributes to the detrimental effects of social isolation after experimental stroke. <i>Acta Neuropathologica</i> , 2012, 124, 425-438.	7.7	63
68	Hyponatremia in the Prognosis of Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 850-854.	1.6	63
69	Nationwide Estimates of 30-Day Readmission in Patients With Ischemic Stroke. <i>Stroke</i> , 2017, 48, 1386-1388.	2.0	63
70	Sex differences in ischaemic stroke: potential cellular mechanisms. <i>Clinical Science</i> , 2017, 131, 533-552.	4.3	62
71	Sex Differences in Outcome After Endovascular Stroke Therapy for Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 2420-2427.	2.0	62
72	The G-quadruplex DNA stabilizing drug pyridostatin promotes DNA damage and downregulates transcription of <i>Brcal</i> in neurons. <i>Aging</i> , 2017, 9, 1957-1970.	3.1	60

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73	Small-molecule G-quadruplex stabilizers reveal a novel pathway of autophagy regulation in neurons. <i>ELife</i> , 2020, 9, .	6.0	60
74	Inhibition of Calcium/Calmodulin-Dependent Protein Kinase Kinase $\hat{1}^2$ and Calcium/Calmodulin-Dependent Protein Kinase IV Is Detrimental in Cerebral Ischemia. <i>Stroke</i> , 2013, 44, 2559-2566.	2.0	57
75	Peripheral Nerve Regeneration Strategies: Electrically Stimulating Polymer Based Nerve Growth Conduits. <i>Critical Reviews in Biomedical Engineering</i> , 2015, 43, 131-159.	0.9	57
76	Age-related immune alterations and cerebrovascular inflammation. <i>Molecular Psychiatry</i> , 2022, 27, 803-818.	7.9	55
77	Splenectomy protects aged mice from injury after experimental stroke. <i>Neurobiology of Aging</i> , 2018, 61, 102-111.	3.1	54
78	Sex differences in T cell immune responses, gut permeability and outcome after ischemic stroke in aged mice. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 556-567.	4.1	53
79	Acute Stroke Management in the Elderly. <i>Cerebrovascular Diseases</i> , 2007, 23, 304-308.	1.7	51
80	Sex Differences in Adipose Tissue CD8+ T Cells and Regulatory T Cells in Middle-Aged Mice. <i>Frontiers in Immunology</i> , 2018, 9, 659.	4.8	45
81	Potential caveats of putative microglia-specific markers for assessment of age-related cerebrovascular neuroinflammation. <i>Journal of Neuroinflammation</i> , 2020, 17, 366.	7.2	45
82	Stroke Prevention in Women: Synopsis of the 2014 American Heart Association/American Stroke Association Guideline. <i>Annals of Internal Medicine</i> , 2014, 160, 853.	3.9	44
83	Sex differences in the immune response to acute COVID-19 respiratory tract infection. <i>Biology of Sex Differences</i> , 2021, 12, 66.	4.1	44
84	Systematic Review on the Involvement of the Kynurenine Pathway in Stroke: Pre-clinical and Clinical Evidence. <i>Frontiers in Neurology</i> , 2019, 10, 778.	2.4	43
85	Protection from cerebral ischemia by inhibition of TGF $\hat{1}^2$ -activated kinase. <i>Experimental Neurology</i> , 2012, 237, 238-245.	4.1	40
86	Pair housing reverses post-stroke depressive behavior in mice. <i>Behavioural Brain Research</i> , 2014, 269, 155-163.	2.2	40
87	Aging Microbiota-Gut-Brain Axis in Stroke Risk and Outcome. <i>Circulation Research</i> , 2022, 130, 1112-1144.	4.5	40
88	Prestroke Living Situation and Depression Contribute to Initial Stroke Severity and Stroke Recovery. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 492-499.	1.6	39
89	The impact of sex and age on T cell immunity and ischemic stroke outcomes. <i>Cellular Immunology</i> , 2019, 345, 103960.	3.0	39
90	Utilization and Availability of Advanced Imaging in Patients With Acute Ischemic Stroke. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e006989.	2.2	39

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91	Deletion of macrophage migration inhibitory factor worsens stroke outcome in female mice. <i>Neurobiology of Disease</i> , 2013, 54, 421-431.	4.4	38
92	Inhibition of mitogen-activated protein kinase phosphatase-1 (MKP-1) increases experimental stroke injury. <i>Experimental Neurology</i> , 2014, 261, 404-411.	4.1	38
93	Multiparity improves outcomes after cerebral ischemia in female mice despite features of increased metabovascular risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5673-E5682.	7.1	38
94	CD200-CD200R1 inhibitory signaling prevents spontaneous bacterial infection and promotes resolution of neuroinflammation and recovery after stroke. <i>Journal of Neuroinflammation</i> , 2019, 16, 40.	7.2	38
95	Glioma and temozolomide induced alterations in gut microbiome. <i>Scientific Reports</i> , 2020, 10, 21002.	3.3	38
96	Age-dependent involvement of gut mast cells and histamine in post-stroke inflammation. <i>Journal of Neuroinflammation</i> , 2020, 17, 160.	7.2	38
97	Deficits in auditory, cognitive, and motor processing following reversible middle cerebral artery occlusion in mice. <i>Experimental Neurology</i> , 2012, 238, 114-121.	4.1	36
98	Thyroid hormones and functional outcomes after ischemic stroke. <i>Thyroid Research</i> , 2015, 8, 9.	1.5	36
99	Nuclear translocation of histone deacetylase 4 induces neuronal death in stroke. <i>Neurobiology of Disease</i> , 2016, 91, 182-193.	4.4	35
100	Microglia depletion increase brain injury after acute ischemic stroke in aged mice. <i>Experimental Neurology</i> , 2021, 336, 113530.	4.1	35
101	X chromosome escapee genes are involved in ischemic sexual dimorphism through epigenetic modification of inflammatory signals. <i>Journal of Neuroinflammation</i> , 2021, 18, 70.	7.2	35
102	Inhibition of glycogen synthase kinase-3 β enhances cognitive recovery after stroke: the role of TAK1. <i>Learning and Memory</i> , 2015, 22, 336-343.	1.3	34
103	Reversal of the Detrimental Effects of Post-Stroke Social Isolation by Pair-Housing is Mediated by Activation of BDNF-MAPK/ERK in Aged Mice. <i>Scientific Reports</i> , 2016, 6, 25176.	3.3	34
104	Expression of Na ⁺ /K ⁺ /Cl ⁻ cotransporter and edema formation are age dependent after ischemic stroke. <i>Experimental Neurology</i> , 2010, 224, 356-361.	4.1	33
105	Genetic deletion of calcium/calmodulin-dependent protein kinase kinase β (CaMKK β) or CaMK IV exacerbates stroke outcomes in ovariectomized (OVXed) female mice. <i>BMC Neuroscience</i> , 2014, 15, 118.	1.9	33
106	Sphingosine kinase 1-associated autophagy differs between neurons and astrocytes. <i>Cell Death and Disease</i> , 2018, 9, 521.	6.3	33
107	Aging exacerbates neutrophil pathogenicity in ischemic stroke. <i>Aging</i> , 2020, 12, 436-461.	3.1	33
108	Sex as a biological variable in the pathology and pharmacology of neurodegenerative and neurovascular diseases. <i>British Journal of Pharmacology</i> , 2019, 176, 4173-4192.	5.4	32

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109	Association of Primary Intracerebral Hemorrhage With Pregnancy and the Postpartum Period. <i>JAMA Network Open</i> , 2020, 3, e202769.	5.9	32
110	Clinical outcomes after neurogenic stress induced cardiomyopathy in aneurysmal sub-arachnoid hemorrhage: A prospective cohort study. <i>Clinical Neurology and Neurosurgery</i> , 2015, 128, 4-9.	1.4	30
111	Inhibition of miR-141-3p Ameliorates the Negative Effects of Poststroke Social Isolation in Aged Mice. <i>Stroke</i> , 2018, 49, 1701-1707.	2.0	29
112	Activation of endothelial ras-related C3 botulinum toxin substrate 1 (Rac1) improves post-stroke recovery and angiogenesis via activating Pak1 in mice. <i>Experimental Neurology</i> , 2019, 322, 113059.	4.1	29
113	Gut dysbiosis and age-related neurological diseases; an innovative approach for therapeutic interventions. <i>Translational Research</i> , 2020, 226, 39-56.	5.0	29
114	Peroxisomal Dysfunction in Neurological Diseases and Brain Aging. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 44.	3.7	29
115	Perfusion of Ischemic Brain in Young and Aged Animals. <i>Stroke</i> , 2014, 45, 571-578.	2.0	28
116	CCL11 (Eotaxin-1) Levels Predict Long-Term Functional Outcomes in Patients Following Ischemic Stroke. <i>Translational Stroke Research</i> , 2017, 8, 578-584.	4.2	28
117	Inhibition of calcium/calmodulin-dependent protein kinase kinase (Ca MKK) exacerbates impairment of endothelial cell and blood-brain barrier after stroke. <i>European Journal of Neuroscience</i> , 2019, 49, 27-39.	2.6	28
118	Impact of Initial Imaging Protocol on Likelihood of Endovascular Stroke Therapy. <i>Stroke</i> , 2020, 51, 3055-3063.	2.0	28
119	Brain injury, endothelial injury and inflammatory markers are elevated and express sex-specific alterations after COVID-19. <i>Journal of Neuroinflammation</i> , 2021, 18, 277.	7.2	28
120	Sex differences and the role of IL-10 in ischemic stroke recovery. <i>Biology of Sex Differences</i> , 2015, 6, 17.	4.1	25
121	Growth differentiation factor-11 supplementation improves survival and promotes recovery after ischemic stroke in aged mice. <i>Aging</i> , 2020, 12, 8049-8066.	3.1	25
122	Call to Action: SARS-CoV-2 and Cerebrovascular Disorders (CASCADE). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104938.	1.6	24
123	Regulation of autophagy by DNA G-quadruplexes. <i>Autophagy</i> , 2020, 16, 2252-2259.	9.1	24
124	Microthrombi Correlates With Infarction and Delayed Neurological Deficits After Subarachnoid Hemorrhage in Mice. <i>Stroke</i> , 2020, 51, 2249-2254.	2.0	24
125	Brain to periphery in acute ischemic stroke: Mechanisms and clinical significance. <i>Frontiers in Neuroendocrinology</i> , 2021, 63, 100932.	5.2	24
126	EMMPRIN/CD147 plays a detrimental role in clinical and experimental ischemic stroke. <i>Aging</i> , 2020, 12, 5121-5139.	3.1	24

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127	Serum Markers of Blood-Brain Barrier Remodeling and Fibrosis as Predictors of Etiology and Clinicoradiologic Outcome in Intracerebral Hemorrhage. <i>Frontiers in Neurology</i> , 2018, 9, 746.	2.4	22
128	Transforming growth factor- β 2 promotes basement membrane fibrosis, alters perivascular cerebrospinal fluid distribution, and worsens neurological recovery in the aged brain after stroke. <i>GeroScience</i> , 2019, 41, 543-559.	4.6	22
129	Identifying Genetic and Biological Determinants of Race-Ethnic Disparities in Stroke in the United States. <i>Stroke</i> , 2020, 51, 3417-3424.	2.0	22
130	The Stroke Preclinical Assessment Network: Rationale, Design, Feasibility, and Stage 1 Results. <i>Stroke</i> , 2022, 53, 1802-1812.	2.0	22
131	Polyuria and cerebral vasospasm after aneurysmal subarachnoid hemorrhage. <i>BMC Neurology</i> , 2015, 15, 201.	1.8	21
132	Females Are Less Likely Invited Speakers to the International Stroke Conference. <i>Stroke</i> , 2020, 51, 674-678.	2.0	21
133	Sex-Specific Immune Responses in Stroke. <i>Stroke</i> , 2022, 53, 1449-1459.	2.0	21
134	Depletion of CD4 T cells provides therapeutic benefits in aged mice after ischemic stroke. <i>Experimental Neurology</i> , 2020, 326, 113202.	4.1	20
135	Ras-Related C3 Botulinum Toxin Substrate 1 Promotes Axonal Regeneration after Stroke in Mice. <i>Translational Stroke Research</i> , 2018, 9, 506-514.	4.2	19
136	Fibronectin induces the perivascular deposition of cerebrospinal fluid-derived amyloid- β in aging and after stroke. <i>Neurobiology of Aging</i> , 2018, 72, 1-13.	3.1	19
137	Glioma induced alterations in fecal short-chain fatty acids and neurotransmitters. <i>CNS Oncology</i> , 2020, 9, CNS57.	3.0	19
138	Inhibition of Mitochondrial P53 Abolishes the Detrimental Effects of Social Isolation on Ischemic Brain Injury. <i>Stroke</i> , 2014, 45, 3101-3104.	2.0	18
139	A survey of blood pressure parameters after aneurysmal subarachnoid hemorrhage. <i>International Journal of Neuroscience</i> , 2017, 127, 51-58.	1.6	18
140	Cerebral Amyloid Angiopathy, Alzheimer's Disease and MicroRNA: miRNA as Diagnostic Biomarkers and Potential Therapeutic Targets. <i>NeuroMolecular Medicine</i> , 2019, 21, 369-390.	3.4	18
141	The Role of Basement Membranes in Cerebral Amyloid Angiopathy. <i>Frontiers in Physiology</i> , 2020, 11, 601320.	2.8	18
142	Cerebral Amyloid Angiopathy and Blood-Brain Barrier Dysfunction. <i>Neuroscientist</i> , 2021, 27, 668-684.	3.5	18
143	Time Course of Peripheral Leukocytosis and Clinical Outcomes After Aneurysmal Subarachnoid Hemorrhage. <i>Frontiers in Neurology</i> , 2021, 12, 694996.	2.4	18
144	Neonatal Testosterone Exposure Protects Adult Male Rats from Stroke. <i>Neuroendocrinology</i> , 2013, 97, 271-282.	2.5	17

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145	Differential MicroRibonucleic Acid Expression in Cardioembolic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 121-124.	1.6	17
146	Activation of neuronal Rasâ€related C3 botulinum toxin substrate 1 (Rac1) improves postâ€stroke recovery and axonal plasticity in mice. <i>Journal of Neurochemistry</i> , 2021, 157, 1366-1376.	3.9	17
147	Long Noncoding RNA Fos Downstream Transcript Is Developmentally Dispensable but Vital for Shaping the Poststroke Functional Outcome. <i>Stroke</i> , 2021, 52, 2381-2392.	2.0	17
148	Early retinal inflammatory biomarkers in the middle cerebral artery occlusion model of ischemic stroke. <i>Molecular Vision</i> , 2016, 22, 575-88.	1.1	17
149	Gut dysbiosis and age-related neurological diseases in females. <i>Neurobiology of Disease</i> , 2022, 168, 105695.	4.4	17
150	CD11bhigh B Cells Increase after Stroke and Regulate Microglia. <i>Journal of Immunology</i> , 2022, 209, 288-300.	0.8	17
151	Calcium/calmodulinâ€dependent protein kinase kinase Î² is neuroprotective in stroke in aged mice. <i>European Journal of Neuroscience</i> , 2016, 44, 2139-2146.	2.6	16
152	Astrocytes fuel the fire of lymphocyte toxicity after stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 425-427.	7.1	16
153	Sex differences in stroke across the lifespan: The role of T lymphocytes. <i>Neurochemistry International</i> , 2017, 107, 127-137.	3.8	16
154	High in-hospital blood pressure variability and severe disability or death in primary intracerebral hemorrhage patients. <i>International Journal of Stroke</i> , 2019, 14, 987-995.	5.9	16
155	Cerebrovascular disease in women. <i>Therapeutic Advances in Neurological Disorders</i> , 2021, 14, 175628642098523.	3.5	15
156	Dysphagia as a predictor of outcome and transition to palliative care among middle cerebral artery ischemic stroke patients. <i>BMC Palliative Care</i> , 2013, 12, 21.	1.8	14
157	Exogenous inter-Î± inhibitor proteins prevent cell death and improve ischemic stroke outcomes in mice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	14
158	Sex-Specific Differences in Autophagic Responses to Experimental Ischemic Stroke. <i>Cells</i> , 2021, 10, 1825.	4.1	13
159	Sex differences in global metabolomic profiles of COVID-19 patients. <i>Cell Death and Disease</i> , 2022, 13, 461.	6.3	13
160	Increased P450 aromatase levels in post-menopausal women after acute ischemic stroke. <i>Biology of Sex Differences</i> , 2021, 12, 8.	4.1	12
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