

Louise D Mccullough

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The Stroke Preclinical Assessment Network: Rationale, Design, Feasibility, and Stage 1 Results.. <i>Stroke</i> , 2022 , 101161STROKEAHA121038047	6.7	2
192	Gut dysbiosis and age-related neurological diseases in females.. <i>Neurobiology of Disease</i> , 2022 , 105695	7.5	0
191	Aging Microbiota-Gut-Brain Axis in Stroke Risk and Outcome.. <i>Circulation Research</i> , 2022 , 130, 1112-1144	5.7	5
190	Sex-Specific Immune Responses in Stroke.. <i>Stroke</i> , 2022 , 53, 1449-1459	6.7	2
189	Prognostic serum biomarkers in cancer patients with COVID-19: A systematic review.. <i>Translational Oncology</i> , 2022 , 21, 101443	4.9	0
188	Sex differences in global metabolomic profiles of COVID-19 patients.. <i>Cell Death and Disease</i> , 2022 , 13, 461	9.8	1
187	Pain and Other Neurological Symptoms Are Present at 3 Months After Hospitalization in COVID-19 Patients.. <i>Frontiers in Pain Research</i> , 2021 , 2, 737961	1.4	0
186	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	10.1	7
185	Translational Interdisciplinary Science-Immune Cell Niches: Possible Targets for Stroke Therapy?. <i>Stroke</i> , 2021 , 52, 3692-3695	6.7	
184	Age-related immune alterations and cerebrovascular inflammation. <i>Molecular Psychiatry</i> , 2021 ,	15.1	4
183	Cerebral Amyloid Angiopathy and Blood-Brain Barrier Dysfunction. <i>Neuroscientist</i> , 2021 , 27, 668-684	7.6	8
182	IRF5 Signaling in Phagocytes Is Detrimental to Neonatal Hypoxic Ischemic Encephalopathy. <i>Translational Stroke Research</i> , 2021 , 12, 602-614	7.8	6
181	Distinct Age-Specific miRegulome Profiling of Isolated Small and Large Intestinal Epithelial Cells in Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
180	Integrated Stroke System Model Expands Availability of Endovascular Therapy While Maintaining Quality Outcomes. <i>Stroke</i> , 2021 , 52, 1022-1029	6.7	3
179	Expanding the duration of the neurology clerkship [Does it matter?]. <i>Brain Disorders</i> , 2021 , 1, 100007		
178	X chromosome escapee genes are involved in ischemic sexual dimorphism through epigenetic modification of inflammatory signals. <i>Journal of Neuroinflammation</i> , 2021 , 18, 70	10.1	5
177	Utilization and Availability of Advanced Imaging in Patients With Acute Ischemic Stroke. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021 , 14, e006989	5.8	11

176	Reducing acetylated tau is neuroprotective in brain injury. <i>Cell</i> , 2021 , 184, 2715-2732.e23	56.2	18
175	The Neurological Manifestations of Post-Acute Sequelae of SARS-CoV-2 infection. <i>Current Neurology and Neuroscience Reports</i> , 2021 , 21, 44	6.6	32
174	Differential responses of neurons, astrocytes, and microglia to G-quadruplex stabilization. <i>Aging</i> , 2021 , 13, 15917-15941	5.6	2
173	Sex differences in a murine model of Cerebral Amyloid Angiopathy. <i>Brain, Behavior, & Immunity - Health</i> , 2021 , 14, 100260	5.1	3
172	Time Course of Peripheral Leukocytosis and Clinical Outcomes After Aneurysmal Subarachnoid Hemorrhage. <i>Frontiers in Neurology</i> , 2021 , 12, 694996	4.1	3
171	Sex-Specific Differences in Autophagic Responses to Experimental Ischemic Stroke. <i>Cells</i> , 2021 , 10,	7.9	4
170	Microglia depletion increase brain injury after acute ischemic stroke in aged mice. <i>Experimental Neurology</i> , 2021 , 336, 113530	5.7	6
169	Microarray Profiling Reveals Distinct Circulating miRNAs in Aged Male and Female Mice Subjected to Post-stroke Social Isolation. <i>NeuroMolecular Medicine</i> , 2021 , 23, 305-314	4.6	4
168	Activation of neuronal Ras-related C3 botulinum toxin substrate 1 (Rac1) improves post-stroke recovery and axonal plasticity in mice. <i>Journal of Neurochemistry</i> , 2021 , 157, 1366-1376	6	5
167	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	3.7	73
166	Increased P450 aromatase levels in post-menopausal women after acute ischemic stroke. <i>Biology of Sex Differences</i> , 2021 , 12, 8	9.3	2
165	Cerebrovascular disease in women. <i>Therapeutic Advances in Neurological Disorders</i> , 2021 , 14, 1756286420985237	6.9	37
164	Peripheral Nervous System Manifestations Associated with COVID-19. <i>Current Neurology and Neuroscience Reports</i> , 2021 , 21, 9	6.6	38
163	Long Noncoding RNA Fos Downstream Transcript Is Developmentally Dispensable but Vital for Shaping the Poststroke Functional Outcome. <i>Stroke</i> , 2021 , 52, 2381-2392	6.7	5
162	Exogenous inter-inhibitor proteins prevent cell death and improve ischemic stroke outcomes in mice. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	4
161	Neuronal CD200 Signaling Is Protective in the Acute Phase of Ischemic Stroke. <i>Stroke</i> , 2021 , 52, 3362-3373	6.7	0
160	Brain to periphery in acute ischemic stroke: Mechanisms and clinical significance. <i>Frontiers in Neuroendocrinology</i> , 2021 , 63, 100932	8.9	5
159	Sex differences in the immune response to acute COVID-19 respiratory tract infection.. <i>Biology of Sex Differences</i> , 2021 , 12, 66	9.3	6

158	Peripherally-sourced myeloid antigen presenting cells increase with advanced aging. <i>Brain, Behavior, and Immunity</i> , 2020 , 90, 235-247	16.6	7
157	Gut Microbiota-Derived Short-Chain Fatty Acids Promote Poststroke Recovery in Aged Mice. <i>Circulation Research</i> , 2020 , 127, 453-465	15.7	91
156	Call to Action: SARS-CoV-2 and Cerebrovascular Disorders (CASCADE). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104938	2.8	17
155	Regulation of autophagy by DNA G-quadruplexes. <i>Autophagy</i> , 2020 , 16, 2252-2259	10.2	10
154	Age-dependent involvement of gut mast cells and histamine in post-stroke inflammation. <i>Journal of Neuroinflammation</i> , 2020 , 17, 160	10.1	19
153	Long-Term Cognitive Impairment Associated With Delirium in Acute Neurological Injury 2020 , 2, e0130		3
152	Microthrombi Correlates With Infarction and Delayed Neurological Deficits After Subarachnoid Hemorrhage in Mice. <i>Stroke</i> , 2020 , 51, 2249-2254	6.7	11
151	Dysregulated Gut Homeostasis Observed Prior to the Accumulation of the Brain Amyloid- β Tg2576 Mice. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	36
150	Peroxisomal Dysfunction in Neurological Diseases and Brain Aging. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 44	6.1	8
149	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	16.6	24
148	Depletion of CD4 T cells provides therapeutic benefits in aged mice after ischemic stroke. <i>Experimental Neurology</i> , 2020 , 326, 113202	5.7	10
147	Aging exacerbates neutrophil pathogenicity in ischemic stroke. <i>Aging</i> , 2020 , 12, 436-461	5.6	16
146	EMMPRIN/CD147 plays a detrimental role in clinical and experimental ischemic stroke. <i>Aging</i> , 2020 , 12, 5121-5139	5.6	8
145	Growth differentiation factor-11 supplementation improves survival and promotes recovery after ischemic stroke in aged mice. <i>Aging</i> , 2020 , 12, 8049-8066	5.6	10
144	Post-Stroke Social Isolation Reduces Cell Proliferation in the Dentate Gyrus and Alters miRNA Profiles in the Aged Female Mice Brain. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	3
143	Small-molecule G-quadruplex stabilizers reveal a novel pathway of autophagy regulation in neurons. <i>ELife</i> , 2020 , 9,	8.9	30
142	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). <i>Current Neurovascular Research</i> , 2020 , 17, 495-501	1.8	1
141	Coronavirus Disease 2019 and Stroke: Clinical Manifestations and Pathophysiological Insights. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104941	2.8	120

140	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	11.5	35
139	Females Are Less Likely Invited Speakers to the International Stroke Conference: Timeß Up to Address Sex Disparity. <i>Stroke</i> , 2020 , 51, 674-678	6.7	9
138	The Role of Basement Membranes in Cerebral Amyloid Angiopathy. <i>Frontiers in Physiology</i> , 2020 , 11, 601320	4.6	6
137	Potential caveats of putative microglia-specific markers for assessment of age-related cerebrovascular neuroinflammation. <i>Journal of Neuroinflammation</i> , 2020 , 17, 366	10.1	10
136	Gut dysbiosis and age-related neurological diseases; an innovative approach for therapeutic interventions. <i>Translational Research</i> , 2020 , 226, 39-56	11	12
135	Glioma induced alterations in fecal short-chain fatty acids and neurotransmitters. <i>CNS Oncology</i> , 2020 , 9, CNS57	4	9
134	Aging lowers PEX5 levels in cortical neurons in male and female mouse brains. <i>Molecular and Cellular Neurosciences</i> , 2020 , 107, 103536	4.8	1
133	Identifying Genetic and Biological Determinants of Race-Ethnic Disparities in Stroke in the United States. <i>Stroke</i> , 2020 , 51, 3417-3424	6.7	6
132	Central Nervous System Manifestations Associated with COVID-19. <i>Current Neurology and Neuroscience Reports</i> , 2020 , 20, 60	6.6	32
131	Impact of Initial Imaging Protocol on Likelihood of Endovascular Stroke Therapy. <i>Stroke</i> , 2020 , 51, 3055-3063	10.63	13
130	Young versus aged microbiota transplants to germ-free mice: increased short-chain fatty acids and improved cognitive performance. <i>Gut Microbes</i> , 2020 , 12, 1-14	8.8	28
129	Sex and gender: modifiers of health, disease, and medicine. <i>Lancet, The</i> , 2020 , 396, 565-582	40	347
128	Glioma and temozolomide induced alterations in gut microbiome. <i>Scientific Reports</i> , 2020 , 10, 21002	4.9	10
127	Association of Primary Intracerebral Hemorrhage With Pregnancy and the Postpartum Period. <i>JAMA Network Open</i> , 2020 , 3, e202769	10.4	14
126	The role of residents in medical studentsPneurology education: current status and future perspectives. <i>BMC Medical Education</i> , 2020 , 20, 115	3.3	3
125	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	5.7	12
124	Cerebral Amyloid Angiopathy, Alzheimerß Disease and MicroRNA: miRNA as Diagnostic Biomarkers and Potential Therapeutic Targets. <i>NeuroMolecular Medicine</i> , 2019 , 21, 369-390	4.6	8
123	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	6.3	11

122	Deficits in ultrasonic vocalization development and production following neonatal hypoxic ischemic insult. <i>Behavioural Brain Research</i> , 2019 , 369, 111931	3.4	0
121	Inhibition of Calcium/Calmodulin-Dependent Protein Kinase Kinase β s Detrimental in Hypoxia/Ischemia Neonatal Brain Injury. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
120	Sex-specific Association of Matrix Metalloproteinases with Secondary Injury and Outcomes after Intracerebral Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019 , 28, 1718-1725	2.8	3
119	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	8.6	19
118	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	10.1	24
117	Real-World Treatment Trends in Endovascular Stroke Therapy. <i>Stroke</i> , 2019 , 50, 683-689	6.7	57
116	The impact of sex and age on T cell immunity and ischemic stroke outcomes. <i>Cellular Immunology</i> , 2019 , 345, 103960	4.4	20
115	Sex Differences in Outcome After Endovascular Stroke Therapy for Acute Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 2420-2427	6.7	34
114	Systematic Review on the Involvement of the Kynurenine Pathway in Stroke: Pre-clinical and Clinical Evidence. <i>Frontiers in Neurology</i> , 2019 , 10, 778	4.1	25
113	Examining the Role of the Microbiota-Gut-Brain Axis in Stroke. <i>Stroke</i> , 2019 , 50, 2270-2277	6.7	44
112	Transforming growth factor- β 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	8.9	12
111	Blood biomarkers for physical recovery in ischemic stroke: a systematic review. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 4603-4613	3	5
110	Stroke Center Certification and Performance: A Longitudinal Analysis of the Northeast Cerebrovascular Consortium Region. <i>Yale Journal of Biology and Medicine</i> , 2019 , 92, 587-596	2.4	
109	Poststroke Depression: Pathophysiology and Treatment Strategies 2019 , 197-205		1
108	Direct Assessment of Health Utilities Using the Standard Gamble Among Patients With Primary Intracerebral Hemorrhage. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019 , 12, e005606	5.8	3
107	Myeloid cell IRF4 signaling protects neonatal brains from hypoxic ischemic encephalopathy. <i>Neurochemistry International</i> , 2019 , 127, 148-157	4.4	8
106	Inhibition of calcium/calmodulin-dependent protein kinase kinase (CaMKK) exacerbates impairment of endothelial cell and blood-brain barrier after stroke. <i>European Journal of Neuroscience</i> , 2019 , 49, 27-39	3.5	11
105	Differential MicroRibonucleic Acid Expression in Cardioembolic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019 , 28, 121-124	2.8	8

104	Ras-Related C3 Botulinum Toxin Substrate 1 Promotes Axonal Regeneration after Stroke in Mice. <i>Translational Stroke Research</i> , 2018 , 9, 506-514	7.8	15
103	Splenectomy protects aged mice from injury after experimental stroke. <i>Neurobiology of Aging</i> , 2018 , 61, 102-111	5.6	35
102	Cerebral Circulation in Men and Women. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1065, 279-290	3.9	2
101	Sex Differences in Adipose Tissue CD8 T Cells and Regulatory T Cells in Middle-Aged Mice. <i>Frontiers in Immunology</i> , 2018 , 9, 659	8.4	34
100	Age and Sex Are Critical Factors in Ischemic Stroke Pathology. <i>Endocrinology</i> , 2018 , 159, 3120-3131	4.8	98
99	Myeloid-specific TAK1 deletion results in reduced brain monocyte infiltration and improved outcomes after stroke. <i>Journal of Neuroinflammation</i> , 2018 , 15, 148	10.1	8
98	Age-related changes in the gut microbiota influence systemic inflammation and stroke outcome. <i>Annals of Neurology</i> , 2018 , 84, 23-36	9.4	152
97	Aging alters the immunological response to ischemic stroke. <i>Acta Neuropathologica</i> , 2018 , 136, 89-110	14.3	86
96	Rationale and Design of a Statewide Cohort to examine efficient resource utilization for patients with Intracerebral hemorrhage (EnRICH). <i>BMC Neurology</i> , 2018 , 18, 31	3.1	8
95	Sphingosine kinase 1-associated autophagy differs between neurons and astrocytes. <i>Cell Death and Disease</i> , 2018 , 9, 521	9.8	20
94	Sex differences in stroke: Challenges and opportunities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 2179-2191	7.3	87
93	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	5.6	14
92	Inhibition of miR-141-3p Ameliorates the Negative Effects of Poststroke Social Isolation in Aged Mice. <i>Stroke</i> , 2018 , 49, 1701-1707	6.7	21
91	Abstract TMP36: Sex Differences in Neutrophil-T Cell Immune Responses and Outcome After Ischemic Stroke in Aged Mice. <i>Stroke</i> , 2018 , 49,	6.7	1
90	Pearls & Oy-sters: Enhancing vigilance for detection of cerebral air embolism: From syncope to death. <i>Neurology</i> , 2018 , 91, 717-720	6.5	4
89	Endovascular Thrombectomy for Mild Strokes: How Low Should We Go?. <i>Stroke</i> , 2018 , 49, 2398-2405	6.7	65
88	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	4.1	15
87	A survey of blood pressure parameters after aneurysmal subarachnoid hemorrhage. <i>International Journal of Neuroscience</i> , 2017 , 127, 51-58	2	11

86	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	11.5	9
85	Sex differences in stroke across the lifespan: The role of T lymphocytes. <i>Neurochemistry International</i> , 2017 , 107, 127-137	4.4	12
84	Nationwide Estimates of 30-Day Readmission in Patients With Ischemic Stroke. <i>Stroke</i> , 2017 , 48, 1386-1388	11.5	47
83	Sex differences in ischaemic stroke: potential cellular mechanisms. <i>Clinical Science</i> , 2017 , 131, 533-552	6.5	37
82	Translational Stroke Research: Vision and Opportunities. <i>Stroke</i> , 2017 , 48, 2632-2637	6.7	62
81	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	16.6	39
80	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	11.5	25
79	CCL11 (Eotaxin-1) Levels Predict Long-Term Functional Outcomes in Patients Following Ischemic Stroke. <i>Translational Stroke Research</i> , 2017 , 8, 578-584	7.8	16
78	Sex differences in neuroinflammation and neuroprotection in ischemic stroke. <i>Journal of Neuroscience Research</i> , 2017 , 95, 462-471	4.4	70
77	Old Maids: Aging and Its Impact on Microglia Function. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	115
76	The G-quadruplex DNA stabilizing drug pyridostatin promotes DNA damage and downregulates transcription of Brca1 in neurons. <i>Aging</i> , 2017 , 9, 1957-1970	5.6	36
75	Risk of hemorrhagic transformation after ischemic stroke in patients with antiphospholipid antibody syndrome. <i>Neurological Research</i> , 2017 , 39, 477-483	2.7	3
74	TGF- β modulates microglial phenotype and promotes recovery after intracerebral hemorrhage. <i>Journal of Clinical Investigation</i> , 2017 , 127, 280-292	15.9	132
73	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	3.9	53
72	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	4.9	27
71	The Importance of Considering Sex Differences in Translational Stroke Research. <i>Translational Stroke Research</i> , 2016 , 7, 261-73	7.8	58
70	Nuclear translocation of histone deacetylase 4 induces neuronal death in stroke. <i>Neurobiology of Disease</i> , 2016 , 91, 182-93	7.5	23
69	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, 3318-30	5.3	93

68	Stroke sensitivity in the aged: sex chromosome complement vs. gonadal hormones. <i>Aging</i> , 2016 , 8, 1432-44	5.6	65
67	Early retinal inflammatory biomarkers in the middle cerebral artery occlusion model of ischemic stroke. <i>Molecular Vision</i> , 2016 , 22, 575-88	2.3	15
66	Ischemic stroke induces gut permeability and enhances bacterial translocation leading to sepsis in aged mice. <i>Aging</i> , 2016 , 8, 1049-63	5.6	67
65	Calcium/calmodulin-dependent protein kinase kinase β s neuroprotective in stroke in aged mice. <i>European Journal of Neuroscience</i> , 2016 , 44, 2139-46	3.5	11
64	Sexually dimorphic outcomes and inflammatory responses in hypoxic-ischemic encephalopathy. <i>Journal of Neuroinflammation</i> , 2015 , 12, 32	10.1	97
63	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, 221-9	7.3	83
62	Age- and location-related changes in microglial function. <i>Neurobiology of Aging</i> , 2015 , 36, 2153-63	5.6	86
61	Critical role of sphingosine-1-phosphate receptor-2 in the disruption of cerebrovascular integrity in experimental stroke. <i>Nature Communications</i> , 2015 , 6, 7893	17.4	92
60	Sex differences and the role of IL-10 in ischemic stroke recovery. <i>Biology of Sex Differences</i> , 2015 , 6, 17	9.3	17
59	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	2	26
58	Functional differences between microglia and monocytes after ischemic stroke. <i>Journal of Neuroinflammation</i> , 2015 , 12, 106	10.1	178
57	Polyuria and cerebral vasospasm after aneurysmal subarachnoid hemorrhage. <i>BMC Neurology</i> , 2015 , 15, 201	3.1	11
56	Thyroid hormones and functional outcomes after ischemic stroke. <i>Thyroid Research</i> , 2015 , 8, 9	2.4	23
55	Peripheral Nerve Regeneration Strategies: Electrically Stimulating Polymer Based Nerve Growth Conduits. <i>Critical Reviews in Biomedical Engineering</i> , 2015 , 43, 131-59	1.1	43
54	Computational neurobiology is a useful tool in translational neurology: the example of ataxia. <i>Frontiers in Neuroscience</i> , 2015 , 9, 1	5.1	187
53	Generalized myoclonus: a rare manifestation of stroke. <i>Neurohospitalist, The</i> , 2015 , 5, 28-31	1.1	4
52	Inhibition of glycogen synthase kinase-3 β enhances cognitive recovery after stroke: the role of TAK1. <i>Learning and Memory</i> , 2015 , 22, 336-43	2.8	26
51	Ultrasonic vocalization changes and FOXP2 expression after experimental stroke. <i>Behavioural Brain Research</i> , 2015 , 283, 154-61	3.4	6

50	Prestroke living situation and depression contribute to initial stroke severity and stroke recovery. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015 , 24, 492-9	2.8	30
49	Chronic metformin treatment improves post-stroke angiogenesis and recovery after experimental stroke. <i>European Journal of Neuroscience</i> , 2014 , 39, 2129-38	3.5	89
48	Sex differences in stroke: the contribution of coagulation. <i>Experimental Neurology</i> , 2014 , 259, 16-27	5.7	76
47	Inhibition of mitogen-activated protein kinase phosphatase-1 (MKP-1) increases experimental stroke injury. <i>Experimental Neurology</i> , 2014 , 261, 404-11	5.7	31
46	Pair housing reverses post-stroke depressive behavior in mice. <i>Behavioural Brain Research</i> , 2014 , 269, 155-63	3.4	34
45	Stroke prevention in women: synopsis of the 2014 American Heart Association/American Stroke Association guideline. <i>Annals of Internal Medicine</i> , 2014 , 160, 853-7	8	34
44	Inhibition of mitochondrial p53 abolishes the detrimental effects of social isolation on ischemic brain injury. <i>Stroke</i> , 2014 , 45, 3101-4	6.7	15
43	CCR2+ Ly6C(hi) inflammatory monocyte recruitment exacerbates acute disability following intracerebral hemorrhage. <i>Journal of Neuroscience</i> , 2014 , 34, 3901-9	6.6	135
42	Perfusion of ischemic brain in young and aged animals: a laser speckle flowmetry study. <i>Stroke</i> , 2014 , 45, 571-8	6.7	24
41	Guidelines for the prevention of stroke in women: a statement for healthcare professionals from the American Heart Association/American Stroke Association. <i>Stroke</i> , 2014 , 45, 1545-88	6.7	560
40	Genetic deletion of calcium/calmodulin-dependent protein kinase kinase γ (CaMKK γ) or CaMK IV exacerbates stroke outcomes in ovariectomized (OVXed) female mice. <i>BMC Neuroscience</i> , 2014 , 15, 118	3.2	18
39	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	9.3	83
38	Social isolation after stroke leads to depressive-like behavior and decreased BDNF levels in mice. <i>Behavioural Brain Research</i> , 2014 , 260, 162-70	3.4	76
37	Hyponatremia in the prognosis of acute ischemic stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, 850-4	2.8	47
36	The effects of estrogen in ischemic stroke. <i>Translational Stroke Research</i> , 2013 , 4, 390-401	7.8	100
35	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	3	9
34	Differential effects of aging and sex on stroke induced inflammation across the lifespan. <i>Experimental Neurology</i> , 2013 , 249, 120-31	5.7	116
33	Sex, stroke, and inflammation: the potential for estrogen-mediated immunoprotection in stroke. <i>Hormones and Behavior</i> , 2013 , 63, 238-53	3.7	76

32	Deletion of macrophage migration inhibitory factor worsens stroke outcome in female mice. <i>Neurobiology of Disease</i> , 2013 , 54, 421-31	7.5	29
31	Neonatal testosterone exposure protects adult male rats from stroke. <i>Neuroendocrinology</i> , 2013 , 97, 271-82	5.6	16
30	Inhibition of calcium/calmodulin-dependent protein kinase kinase I and calcium/calmodulin-dependent protein kinase IV is detrimental in cerebral ischemia. <i>Stroke</i> , 2013 , 44, 2559-66	6.7	38
29	NF- κ B contributes to the detrimental effects of social isolation after experimental stroke. <i>Acta Neuropathologica</i> , 2012 , 124, 425-38	14.3	61
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