Janine Gronewold

List of Publications by Year in descending order

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223	10,955	31976	39675
papers	citations	53 h-index	94 g-index

227	227	227	14223
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Applying extracellular vesicles based therapeutics in clinical trials â€“ an ISEV position paper. Journal of Extracellular Vesicles, 2015, 4, 30087.	12.2	1,020
2	Extracellular Vesicles Improve Post-Stroke Neuroregeneration and Prevent Postischemic Immunosuppression. Stem Cells Translational Medicine, 2015, 4, 1131-1143.	3.3	584
3	Delayed post-ischaemic neuroprotection following systemic neural stem cell transplantation involves multiple mechanisms. Brain, 2009, 132, 2239-2251.	7.6	327
4	Promoting brain remodelling and plasticity for stroke recovery: therapeutic promise and potential pitfalls of clinical translation. Lancet Neurology, The, 2012, 11, 369-380.	10.2	292
5	Sleep-related breathing and sleep-wake disturbances in ischemic stroke. Neurology, 2009, 73, 1313-1322.	1.1	224
6	Very-late-antigen-4 (VLA-4)-mediated brain invasion by neutrophils leads to interactions with microglia, increased ischemic injury and impaired behavior in experimental stroke. Acta Neuropathologica, 2015, 129, 259-277.	7.7	210
7	VEGF overexpression induces post-ischaemic neuroprotection, but facilitates haemodynamic steal phenomena. Brain, 2004, 128, 52-63.	7.6	198
8	Brainâ€derived erythropoietin protects from focal cerebral ischemia by dual activation of ERKâ€1/â€2 and Akt pathways. FASEB Journal, 2005, 19, 2026-2028.	0.5	198
9	The phosphatidylinositolâ€3 kinase/Akt pathway mediates VEGF's neuroprotective activity and induces blood brain barrier permeability after focal cerebral ischemia. FASEB Journal, 2006, 20, 1185-1187.	0.5	197
10	Evolution of Brain Infarction after Transient Focal Cerebral Ischemia in Mice. Journal of Cerebral Blood Flow and Metabolism, 2000, 20, 937-946.	4.3	191
11	Human Vascular Endothelial Growth Factor Protects Axotomized Retinal Ganglion Cells In Vivo by Activating ERK-1/2 and Akt Pathways. Journal of Neuroscience, 2006, 26, 12439-12446.	3.6	168
12	Role of Neutrophils in Exacerbation of Brain Injury After Focal Cerebral Ischemia in Hyperlipidemic Mice. Stroke, 2015, 46, 2916-2925.	2.0	166
13	Precipitation with polyethylene glycol followed by washing and pelleting by ultracentrifugation enriches extracellular vesicles from tissue culture supernatants in small and large scales. Journal of Extracellular Vesicles, 2018, 7, 1528109.	12.2	164
14	Evolution of Neurological, Neuropsychological and Sleep-Wake Disturbances After Paramedian Thalamic Stroke. Stroke, 2008, 39, 62-68.	2.0	154
15	Role of sleep-disordered breathing and sleep-wake disturbances for stroke and stroke recovery. Neurology, 2016, 87, 1407-1416.	1.1	154
16	Inhibition of multidrug resistance transporter-1 facilitates neuroprotective therapies after focal cerebral ischemia. Nature Neuroscience, 2006, 9, 487-488.	14.8	152
17	Post-acute delivery of erythropoietin induces stroke recovery by promoting perilesional tissue remodelling and contralesional pyramidal tract plasticity. Brain, 2011, 134, 84-99.	7.6	142
18	Dynamics of Regional Brain Metabolism and Gene Expression After Middle Cerebral Artery Occlusion in Mice. Journal of Cerebral Blood Flow and Metabolism, 2000, 20, 306-315.	4.3	139

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19	MicroRNA-124 protects against focal cerebral ischemia via mechanisms involving Usp14-dependent REST degradation. Acta Neuropathologica, 2013, 126, 251-265.	7.7	138
20	Critical considerations for the development of potency tests for therapeutic applications of mesenchymal stromal cell-derived small extracellular vesicles. Cytotherapy, 2021, 23, 373-380.	0.7	125
21	Increased Bloodâ€“Brain Barrier Permeability and Brain Edema After Focal Cerebral Ischemia Induced by Hyperlipidemia. Stroke, 2011, 42, 3238-3244.	2.0	124
22	Delayed melatonin administration promotes neuronal survival, neurogenesis and motor recovery, and attenuates hyperactivity and anxiety after mild focal cerebral ischemia in mice. Journal of Pineal Research, 2008, 45, 142-148.	7.4	123
23	Multicellular Crosstalk Between Exosomes and the Neurovascular Unit After Cerebral Ischemia. Therapeutic Implications. Frontiers in Neuroscience, 2018, 12, 811.	2.8	122
24	Erythropoietin protects from axotomyâ€induced degeneration of retinal ganglion cells by activating ERKâ€1/â€2. FASEB Journal, 2005, 19, 1-14.	0.5	117
25	Vascular Endothelial Growth Factor Promotes Pericyte Coverage of Brain Capillaries, Improves Cerebral Blood Flow During Subsequent Focal Cerebral Ischemia, and Preserves the Metabolic Penumbra. Stroke, 2013, 44, 1690-1697.	2.0	113
26	Coronary Artery Calcification Is an Independent Stroke Predictor in the General Population. Stroke, 2013, 44, 1008-1013.	2.0	110
27	3D visualization and quantification of microvessels in the whole ischemic mouse brain using solvent-based clearing and light sheet microscopy. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3355-3367.	4.3	106
28	Neural stem/precursor cells for the treatment of ischemic stroke. Journal of the Neurological Sciences, 2008, 265, 73-77.	0.6	105
29	Effects of vascular endothelial growth factor in ischemic stroke. Journal of Neuroscience Research, 2012, 90, 1873-1882.	2.9	101
30	Validity and Reliability of Neurological Scores in Mice Exposed to Middle Cerebral Artery Occlusion. Stroke, 2019, 50, 2875-2882.	2.0	97
31	Adiposeâ€derived mesenchymal stem cells reduce autophagy in stroke mice by extracellular vesicle transfer of miRâ€25. Journal of Extracellular Vesicles, 2020, 10, e12024.	12.2	96
32	Mesenchymal Stromal Cellâ€“Derived Small Extracellular Vesicles Induce Ischemic Neuroprotection by Modulating Leukocytes and Specifically Neutrophils. Stroke, 2020, 51, 1825-1834.	2.0	95
33	Adenovirus-Mediated GDNF and CNTF Pretreatment Protects against Striatal Injury Following Transient Middle Cerebral Artery Occlusion in Mice. Neurobiology of Disease, 2001, 8, 655-666.	4.4	91
34	Insights from interferon-Î±-related depression for the pathogenesis of depression associated with inflammation. Brain, Behavior, and Immunity, 2014, 42, 222-231.	4.1	90
35	Effects of neural progenitor cells on post-stroke neurological impairmentÃ¢â‚¬â€ detailed and comprehensive analysis of behavioral tests. Frontiers in Cellular Neuroscience, 2014, 8, 338.	3.7	86
36	Small extracellular vesicles obtained from hypoxic mesenchymal stromal cells have unique characteristics that promote cerebral angiogenesis, brain remodeling and neurological recovery after focal cerebral ischemia in mice. Basic Research in Cardiology, 2021, 116, 40.	5.9	82

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37	Colocalization of synapse marker proteins evaluated by STED-microscopy reveals patterns of neuronal synapse distribution in vitro. Journal of Neuroscience Methods, 2016, 273, 149-159.	2.5	81
38	Role of Nogo-A in Neuronal Survival in the Reperfused Ischemic Brain. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 969-984.	4.3	77
39	Combination of Tissue-Plasminogen Activator With Erythropoietin Induces Bloodâ€“Brain Barrier Permeability, Extracellular Matrix Disaggregation, and DNA Fragmentation After Focal Cerebral Ischemia in Mice. Stroke, 2010, 41, 1008-1012.	2.0	75
40	Central Periodic Breathing During Sleep in Acute Ischemic Stroke. Stroke, 2007, 38, 1082-1084.	2.0	73
41	The Abluminal Endothelial Membrane in Neurovascular Remodeling in Health and Disease. Science Signaling, 2012, 5, re4.	3.6	73
42	Transduction of Neural Precursor Cells with TAT-Heat Shock Protein 70 Chaperone: Therapeutic Potential Against Ischemic Stroke after Intrastriatal and Systemic Transplantation. Stem Cells, 2012, 30, 1297-1310.	3.2	72
43	Neural precursor cells in the ischemic brain Ã¢â‚¬â€œ integration, cellular crosstalk, and consequences for stroke recovery. Frontiers in Cellular Neuroscience, 2014, 8, 291.	3.7	70
44	Prophylactic use of melatonin protects against focal cerebral ischemia in mice: role of endothelin converting enzyme-1. Journal of Pineal Research, 2004, 37, 247-251.	7.4	68
45	Liver X Receptor Activation Enhances Bloodâ€“Brain Barrier Integrity in the Ischemic Brain and Increases the Abundance of ATPâ€Binding Cassette Transporters ABCB1 and ABCC1 on Brain Capillary Cells. Brain Pathology, 2012, 22, 175-187.	4.1	68
46	The novel proteasome inhibitor BSc2118 protects against cerebral ischaemia through HIF1A accumulation and enhanced angioneurogenesis. Brain, 2012, 135, 3282-3297.	7.6	65
47	Implications of ATP-binding cassette transporters for brain pharmacotherapies. Trends in Pharmacological Sciences, 2007, 28, 128-134.	8.7	64
48	Acute Hepatocyte Growth Factor Treatment Induces Long-Term Neuroprotection and Stroke Recovery via Mechanisms Involving Neural Precursor Cell Proliferation and Differentiation. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1251-1262.	4.3	64
49	ABCC1: a gateway for pharmacological compounds to the ischaemic brain. Brain, 2008, 131, 2679-2689.	7.6	63
50	Role of drug efflux carriers in the healthy and diseased brain. Annals of Neurology, 2006, 60, 489-498.	5.3	60
51	Stem cell therapies in preclinical models of stroke associated with aging. Frontiers in Cellular Neuroscience, 2014, 8, 347.	3.7	60
52	Contemporaneous 3D characterization of acute and chronic myocardial I/R injury and response. Nature Communications, 2019, 10, 2312.	12.8	60
53	Vascular endothelial growth factor induces contralesional corticobulbar plasticity and functional neurological recovery in the ischemic brain. Acta Neuropathologica, 2012, 123, 273-284.	7.7	58
54	Blood Pressure Evolution After Acute Ischemic Stroke in Patients With and Without Sleep Apnea. Stroke, 2005, 36, 2614-2618.	2.0	56

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55	Intracerebroventricularly delivered VEGF promotes contralesional corticorubral plasticity after focal cerebral ischemia via mechanisms involving anti-inflammatory actions. Neurobiology of Disease, 2012, 45, 1077-1085.	4.4	56
56	Extracellular vesicles from hypoxia-preconditioned microglia promote angiogenesis and repress apoptosis in stroke mice via the TGF-Î²/Smad2/3 pathway. Cell Death and Disease, 2021, 12, 1068.	6.3	53
57	Postacute Delivery of GABA _A Î±5 Antagonist Promotes Postischemic Neurological Recovery and Peri-infarct Brain Remodeling. Stroke, 2018, 49, 2495-2503.	2.0	52
58	Acute and Post-acute Neuromodulation Induces Stroke Recovery by Promoting Survival Signaling, Neurogenesis, and Pyramidal Tract Plasticity. Frontiers in Cellular Neuroscience, 2019, 13, 144.	3.7	52
59	Ultrasmall gold nanoparticles (2Ânm) can penetrate and enter cell nuclei in an in vitro 3D brain spheroid model. Acta Biomaterialia, 2020, 111, 349-362.	8.3	51
60	Effects of normobaric oxygen and melatonin on reperfusion injury: role of cerebral microcirculation. Oncotarget, 2015, 6, 30604-30614.	1.8	48
61	The prevalence, severity, and association with HbA1c and fibrinogen of cognitive impairment in chronic kidney disease. Kidney International, 2014, 85, 693-702.	5.2	47
62	Animal models of ischemic stroke and their impact on drug discovery. Expert Opinion on Drug Discovery, 2019, 14, 315-326.	5.0	47
63	Air Quality, Stroke, and Coronary Events. Deutsches Ärzteblatt International, 2015, 112, 195-201.	0.9	47
64	Apolipoprotein E Controls ATP-Binding Cassette Transporters in the Ischemic Brain. Science Signaling, 2010, 3, ra72.	3.6	46
65	Exacerbation of ischemic brain injury in hypercholesterolemic mice is associated with pronounced changes in peripheral and cerebral immune responses. Neurobiology of Disease, 2014, 62, 456-468.	4.4	46
66	Implications of polymorphonuclear neutrophils for ischemic stroke and intracerebral hemorrhage: Predictive value, pathophysiological consequences and utility as therapeutic target. Journal of Neuroimmunology, 2018, 321, 138-143.	2.3	44
67	Post-acute delivery of memantine promotes post-ischemic neurological recovery, peri-infarct tissue remodeling, and contralesional brain plasticity. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 980-993.	4.3	41
68	A reproducible model of thromboembolic stroke in mice. NeuroReport, 1998, 9, 2967-2970.	1.2	40
69	Concomitant Interferon Alpha Stimulation and TLR3 Activation Induces Neuronal Expression of Depression-Related Genes That Are Elevated in the Brain of Suicidal Persons. PLoS ONE, 2013, 8, e83149.	2.5	40
70	Lithium-induced neuroprotection in stroke involves increased miR-124 expression, reduced RE1-silencing transcription factor abundance and decreased protein deubiquitination by GSK3Î² inhibition-independent pathways. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 914-926.	4.3	39
71	High-density lipoprotein (HDL) promotes angiogenesis via S1P3-dependent VEGFR2 activation. Angiogenesis, 2018, 21, 381-394.	7.2	39
72	Role of immune responses for extracellular matrix remodeling in the ischemic brain. Therapeutic Advances in Neurological Disorders, 2018, 11, 175628641881809.	3.5	39

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73	Cognitive impairment in chronic kidney disease: clinical findings, risk factors and consequences for patient care. Journal of Neural Transmission, 2014, 121, 627-632.	2.8	38
74	Thoracic aortic calcification is associated with incident stroke in the general population in addition to established risk factors. European Heart Journal Cardiovascular Imaging, 2015, 16, 684-690.	1.2	37
75	Enhancement of endogenous neurogenesis in ephrin-B3 deficient mice after transient focal cerebral ischemia. Acta Neuropathologica, 2011, 122, 429-42.	7.7	36
76	Ankleâ€“brachial index predicts stroke in the general population in addition to classical risk factors. Atherosclerosis, 2014, 233, 545-550.	0.8	36
77	Late running is not too late against Alzheimer's pathology. Neurobiology of Disease, 2016, 94, 44-54.	4.4	36
78	Kallikreinâ€8 inhibition attenuates Alzheimer's disease pathology in mice. Alzheimer's and Dementia, 2016, 12, 1273-1287.	0.8	36
79	Concise Review: Extracellular Vesicles Overcoming Limitations of Cell Therapies in Ischemic Stroke. Stem Cells Translational Medicine, 2017, 6, 2044-2052.	3.3	36
80	Adenovirus-Mediated Glial Cell Line-Derived Neurotrophic Factor (GDNF) Expression Protects against Subsequent Cortical Cold Injury in Rats. Neurobiology of Disease, 2001, 8, 964-973.	4.4	35
81	Increased Balloon-Induced Inflammation, Proliferation, and Neointima Formation in Apolipoprotein E () Tj ETQq1 1 0.784314 rgBT /Ov	2.0	35
82	Brainstem infarcts predict REM sleep behavior disorder in acute ischemic stroke. BMC Neurology, 2014, 14, 88.	1.8	35
83	Factors Responsible for Plasma Î²-Amyloid Accumulation in Chronic Kidney Disease. Molecular Neurobiology, 2016, 53, 3136-3145.	4.0	35
84	Very Delayed Remote Ischemic Post-conditioning Induces Sustained Neurological Recovery by Mechanisms Involving Enhanced Angioneurogenesis and Peripheral Immunosuppression Reversal. Frontiers in Cellular Neuroscience, 2018, 12, 383.	3.7	35
85	Physical, Cognitive and Emotional Factors Contributing to Quality of Life, Functional Health and Participation in Community Dwelling in Chronic Kidney Disease. PLoS ONE, 2014, 9, e91176.	2.5	35
86	ATP-Binding Cassette Transporters and Their Roles in Protecting the Brain. Neuroscientist, 2011, 17, 423-436.	3.5	34
87	TAT-Hsp70 Induces Neuroprotection Against Stroke Via Anti-Inflammatory Actions Providing Appropriate Cellular Microenvironment for Transplantation of Neural Precursor Cells. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1778-1788.	4.3	34
88	Stem cell-based treatments against stroke: observations from human proof-of-concept studies and considerations regarding clinical applicability. Frontiers in Cellular Neuroscience, 2014, 8, 357.	3.7	34
89	Safety and efficacy of GABAA Î±5 antagonist S44819 in patients with ischaemic stroke: a multicentre, double-blind, randomised, placebo-controlled trial. Lancet Neurology, The, 2020, 19, 226-233.	10.2	34
90	Conditioned Medium Derived from Neural Progenitor Cells Induces Long-term Post-ischemic Neuroprotection, Sustained Neurological Recovery, Neurogenesis, and Angiogenesis. Molecular Neurobiology, 2017, 54, 1531-1540.	4.0	33

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91	Lithium enhances post-stroke blood-brain barrier integrity, activates the MAPK/ERK1/2 pathway and alters immune cell migration in mice. Neuropharmacology, 2020, 181, 108357.	4.1	32
92	Hemodynamics and Metabolism in Stroke-Prone Spontaneously Hypertensive Rats before Manifestation of Brain Infarcts. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 1238-1246.	4.3	31
93	LDL attenuates VEGF-induced angiogenesis via mechanisms involving VEGFR2 internalization and degradation following endosome-trans-Golgi network trafficking. Angiogenesis, 2013, 16, 625-637.	7.2	31
94	Intracortical Administration of the Complement C3 Receptor Antagonist Trifluoroacetate Modulates Microglia Reaction after Brain Injury. Neural Plasticity, 2019, 2019, 1-9.	2.2	31
95	Rapid Regulation of Depression-Associated Genes in a New Mouse Model Mimicking Interferon-Î±-Related Depression in Hepatitis C Virus Infection. Molecular Neurobiology, 2015, 52, 318-329.	4.0	30
96	Platelet endothelial cell adhesion molecule-1 is a gatekeeper of neutrophil transendothelial migration in ischemic stroke. Brain, Behavior, and Immunity, 2021, 93, 277-287.	4.1	30
97	Postischemic Neuroprotection Associated With Anti-Inflammatory Effects by Mesenchymal Stromal Cell-Derived Small Extracellular Vesicles in Aged Mice. Stroke, 2022, 53, STROKEAHA121035821.	2.0	30
98	Long-term exposure to ambient source-specific particulate matter and its components and incidence of cardiovascular events â€“ The Heinz Nixdorf Recall study. Environment International, 2020, 142, 105854.	10.0	29
99	Lithium modulates miR-1906 levels of mesenchymal stem cell-derived extracellular vesicles contributing to poststroke neuroprotection by toll-like receptor 4 regulation. Stem Cells Translational Medicine, 2021, 10, 357-373.	3.3	29
100	Mesenchymal stromal cell-derived small extracellular vesicles promote neurological recovery and brain remodeling after distal middle cerebral artery occlusion in aged rats. GeroScience, 2022, 44, 293-310.	4.6	29
101	Ageing as a risk factor for cerebral ischemia: Underlying mechanisms and therapy in animal models and in the clinic. Mechanisms of Ageing and Development, 2020, 190, 111312.	4.6	28
102	TAT-GDNF in Neurodegeneration and Ischemic Stroke. CNS Neuroscience & Therapeutics, 2005, 11, 369-378.	4.0	27
103	Ischemic Post-Conditioning Induces Post-Stroke Neuroprotection via Hsp70-Mediated Proteasome Inhibition and Facilitates Neural Progenitor Cell Transplantation. Molecular Neurobiology, 2017, 54, 6061-6073.	4.0	27
104	Topological remodeling of cortical perineuronal nets in focal cerebral ischemia and mild hypoperfusion. Matrix Biology, 2018, 74, 121-132.	3.6	27
105	Association of social relationships with incident cardiovascular events and all-cause mortality. Heart, 2020, 106, 1317-1323.	2.9	27
106	Mesenchymal stem cells in the treatment of ischemic stroke: progress and possibilities. Stem Cells and Cloning: Advances and Applications, 2010, 3, 157.	2.3	26
107	Recent Advances in Mono- and Combined Stem Cell Therapies of Stroke in Animal Models and Humans. International Journal of Molecular Sciences, 2019, 20, 6029.	4.1	26
108	Cell motility and migration as determinants of stem cell efficacy. EBioMedicine, 2020, 60, 102989.	6.1	26

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109	Long-term treatment with spermidine increases health span of middle-aged Sprague-Dawley male rats. GeroScience, 2020, 42, 937-949.	4.6	26
110	Impairment of hypoxia-induced angiogenesis by LDL involves a HIF-centered signaling network linking inflammatory TNFÎ± and angiogenic VEGF. Aging, 2019, 11, 328-349.	3.1	26
111	Tenascin-C preserves microglia surveillance and restricts leukocyte and, more specifically, T cell infiltration of the ischemic brain. Brain, Behavior, and Immunity, 2021, 91, 639-648.	4.1	25
112	The role of small extracellular vesicles in cerebral and myocardial ischemiaâ€"Molecular signals, treatment targets, and future clinical translation. Stem Cells, 2021, 39, 403-413.	3.2	25
113	Sleep-disordered breathing and stroke. Current Opinion in Neurology, 2003, 16, 87-90.	3.6	25
114	Post-stroke transplantation of adult subventricular zone derived neural progenitor cells â€" A comprehensive analysis of cell delivery routes and their underlying mechanisms. Experimental Neurology, 2015, 273, 45-56.	4.1	24
115	Immunological and non-immunological effects of stem cell-derived extracellular vesicles on the ischaemic brain. Therapeutic Advances in Neurological Disorders, 2018, 11, 175628641878932.	3.5	24
116	Neural Progenitor Cell-Derived Extracellular Vesicles Enhance Blood-Brain Barrier Integrity by NF-ÎºB (Nuclear Factor-ÎºB)-Dependent Regulation of ABCB1 (ATP-Binding Cassette Transporter B1) in Stroke Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1127-1145.	2.4	24
117	Apolipoprotein-E Controls Adenosine Triphosphate-Binding Cassette Transporters ABCB1 and ABCC1 on Cerebral Microvessels After Methamphetamine Intoxication. Stroke, 2012, 43, 1647-1653.	2.0	22
118	SDF-1 restores angiogenesis synergistically with VEGF upon LDL exposure despite CXCR4 internalization and degradation. Cardiovascular Research, 2013, 100, 481-491.	3.8	22
119	Neurovascular remodeling in the aged ischemic brain. Journal of Neural Transmission, 2015, 122, 25-33.	2.8	22
120	Inhibitory control in neuronal networks relies on the extracellular matrix integrity. Cellular and Molecular Life Sciences, 2021, 78, 5647-5663.	5.4	22
121	Systemic Proteasome Inhibition Induces Sustained Post-stroke Neurological Recovery and Neuroprotection via Mechanisms Involving Reversal of Peripheral Immunosuppression and Preservation of Bloodâ€"Brainâ€"Barrier Integrity. Molecular Neurobiology, 2016, 53, 6332-6341.	4.0	21
122	Neutrophil dynamics, plasticity and function in acute neurodegeneration following neonatal hypoxiaâ€"ischemia. Brain, Behavior, and Immunity, 2021, 92, 232-242.	4.1	21
123	Identification of the right cell sources for the production of therapeutically active extracellular vesicles in ischemic stroke. Annals of Translational Medicine, 2019, 7, 188-188.	1.7	21
124	Coronary Artery Calcification, Intima-Media Thickness, and Ankle-Brachial Index Are Complementary Stroke Predictors. Stroke, 2014, 45, 2702-2709.	2.0	20
125	Higher levels of kallikreinâ€8 in female brain may increase the risk for Alzheimer's disease. Brain Pathology, 2018, 28, 947-964.	4.1	20
126	Identification of hospitalized elderly patients at risk for adverse in-hospital outcomes in a university orthopedics and trauma surgery environment. PLoS ONE, 2017, 12, e0187801.	2.5	20

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127	Identification of the histone lysine demethylase KDM4A/JMJD2A as a novel epigenetic target in M1 macrophage polarization induced by oxidized LDL. Oncotarget, 2017, 8, 114442-114456.	1.8	20
128	Regulatory T Cells Contribute to Sexual Dimorphism in Neonatal Hypoxic-Ischemic Brain Injury. Stroke, 2022, 53, 381-390.	2.0	20
129	Free radical scavengers and spin traps â€“ therapeutic implications for ischemic stroke. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2010, 24, 511-520.	4.0	18
130	Electric Stimulation of Neurogenesis Improves Behavioral Recovery After Focal Ischemia in Aged Rats. Frontiers in Neuroscience, 2020, 14, 732.	2.8	18
131	Lipopolysaccharide-induced sepsis-like state compromises post-ischemic neurological recovery, brain tissue survival and remodeling via mechanisms involving microvascular thrombosis and brain T cell infiltration. Brain, Behavior, and Immunity, 2021, 91, 627-638.	4.1	18
132	HMG-CoA Reductase Inhibition Promotes Neurological Recovery, Peri-Lesional Tissue Remodeling, and Contralesional Pyramidal Tract Plasticity after Focal Cerebral Ischemia. Frontiers in Cellular Neuroscience, 2014, 8, 422.	3.7	17
133	Very Low Efficiency of Direct Reprogramming of Astrocytes Into Neurons in the Brains of Young and Aged Mice After Cerebral Ischemia. Frontiers in Aging Neuroscience, 2019, 11, 334.	3.4	17
134	Lentivirally administered glial cell line-derived neurotrophic factor promotes post-ischemic neurological recovery, brain remodeling and contralesional pyramidal tract plasticity by regulating axonal growth inhibitors and guidance proteins. Experimental Neurology, 2020, 331, 113364.	4.1	17
135	Sleep apnea and other sleepwake disorders in stroke. Current Treatment Options in Neurology, 2003, 5, 241-249.	1.8	16
136	Enhancing the Delivery of Erythropoietin and Its Variants into the Ischemic Brain. Scientific World Journal, The, 2009, 9, 967-969.	2.1	16
137	The ATP-binding cassette transporters ABCB1 and ABCC1 are not regulated by hypoxia in immortalised human brain microvascular endothelial cells. Experimental & Translational Stroke Medicine, 2011, 3, 12.	3.2	16
138	Sleep-Disordered Breathing in Hospitalized Geriatric Patients with Mild Dementia and Its Association with Cognition, Emotion and Mobility. International Journal of Environmental Research and Public Health, 2019, 16, 863.	2.6	16
139	Elastase inhibitor agaphelin protects from acute ischemic stroke in mice by reducing thrombosis, bloodâ€“brain barrier damage, and inflammation. Brain, Behavior, and Immunity, 2021, 93, 288-298.	4.1	16
140	Intima-media thickness predicts stroke risk in the Heinz Nixdorf Recall study in association with vascular risk factors, age and gender. Atherosclerosis, 2012, 224, 84-89.	0.8	15
141	LDL suppresses angiogenesis through disruption of the HIF pathway via NF-Î²B inhibition which is reversed by the proteasome inhibitor BSc2118. Oncotarget, 2015, 6, 30251-30262.	1.8	15
142	Cardiovascular Risk and Atherosclerosis Progression in Hypertensive Persons Treated to Blood Pressure Targets. Hypertension, 2019, 74, 1436-1447.	2.7	15
143	Polymorphonuclear Neutrophils Play a Decisive Role for Brain Injury and Neurological Recovery Poststroke. Stroke, 2019, 50, e40-e41.	2.0	15
144	Effects of Life Events and Social Isolation on Stroke and Coronary Heart Disease. Stroke, 2021, 52, 735-747.	2.0	15

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145	Role of polymorphonuclear neutrophils in the reperfused ischemic brain: insights from cell-type-specific immunodepletion and fluorescence microscopy studies. Therapeutic Advances in Neurological Disorders, 2018, 11, 175628641879860.	3.5	14
146	Roles of Polymorphonuclear Neutrophils in Ischemic Brain Injury and Post-Ischemic Brain Remodeling. Frontiers in Immunology, 2021, 12, 825572.	4.8	14
147	ATP-Binding Cassette Transporters at the Blood-Brain Barrier in Ischaemic Stroke. Current Pharmaceutical Design, 2011, 17, 2787-2792.	1.9	13
148	Promoting Neurological Recovery in the Post-Acute Stroke Phase: Benefits and Challenges. European Neurology, 2014, 72, 317-325.	1.4	13
149	Homozygous Smpd1 deficiency aggravates brain ischemia/ reperfusion injury by mechanisms involving polymorphonuclear neutrophils, whereas heterozygous Smpd1 deficiency protects against mild focal cerebral ischemia. Basic Research in Cardiology, 2020, 115, 64.	5.9	13
150	The Need for New Biomarkers to Assist with Stroke Prevention and Prediction of Post-Stroke Therapy Based on Plasma-Derived Extracellular Vesicles. Biomedicines, 2021, 9, 1226.	3.2	13
151	The Indirect NMDAR Antagonist Acamprosate Induces Postischemic Neurologic Recovery Associated with Sustained Neuroprotection and Neuroregeneration. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 2089-2097.	4.3	12
152	Health outcome of older hospitalized patients in internal medicine environments evaluated by Identification of Seniors at Risk (ISAR) screening and geriatric assessment. BMC Geriatrics, 2019, 19, 221.	2.7	12
153	CCL11 Differentially Affects Post-Stroke Brain Injury and Neuroregeneration in Mice Depending on Age. Cells, 2020, 9, 66.	4.1	12
154	Evolution of Neuropsychological Deficits in First-Ever Isolated Ischemic Thalamic Stroke and Their Association With Stroke Topography: A Case-Control Study. Stroke, 2022, 53, 1904-1914.	2.0	12
155	Reversible Opsoclonus after Diphenhydramine Misuse. European Neurology, 2005, 53, 46-47.	1.4	11
156	Neuroprotection Induced by Energy and Protein-Energy Undernutrition Is Phase-Dependent After Focal Cerebral Ischemia in Mice. Translational Stroke Research, 2020, 11, 135-146.	4.2	11
157	Compromised Hippocampal Neuroplasticity in the Interferon-Î± and Toll-like Receptor-3 Activation-Induced Mouse Depression Model. Molecular Neurobiology, 2020, 57, 3171-3182.	4.0	11
158	Dose-Dependent Microglial and Astrocytic Responses Associated With Post-ischemic Neuroprotection After Lipopolysaccharide-Induced Sepsis-Like State in Mice. Frontiers in Cellular Neuroscience, 2020, 14, 26.	3.7	11
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