

# Janine Gronewold

## List of Publications by Year in descending order

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Version: 2024-02-01

223  
papers

10,955  
citations

31976

53  
h-index

39675

94  
g-index

227  
all docs

227  
docs citations

227  
times ranked

14223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of environmental enrichment and isolation on behavioral and histological indices following focal ischemia in old rats. <i>GeroScience</i> , 2022, 44, 211-228.	4.6	10
2	Phosphodiesterase 10A Is a Critical Target for Neuroprotection in a Mouse Model of Ischemic Stroke. <i>Molecular Neurobiology</i> , 2022, 59, 574-589.	4.0	9
3	Post-ischemic protein restriction induces sustained neuroprotection, neurological recovery, brain remodeling, and gut microbiota rebalancing. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 134-144.	4.1	6
4	Mesenchymal stromal cell-derived small extracellular vesicles promote neurological recovery and brain remodeling after distal middle cerebral artery occlusion in aged rats. <i>GeroScience</i> , 2022, 44, 293-310.	4.6	29
5	Imaging innate immunity*. <i>Immunological Reviews</i> , 2022, 306, 293-303.	6.0	10
6	Postischemic Neuroprotection Associated With Anti-Inflammatory Effects by Mesenchymal Stromal Cell-Derived Small Extracellular Vesicles in Aged Mice. <i>Stroke</i> , 2022, 53, STROKEAHA121035821.	2.0	30
7	The Lonely Brain – Associations Between Social Isolation and (Cerebro-) Vascular Disease From the Perspective of Social Neuroscience. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, 729621.	2.1	6
8	Regulatory T Cells Contribute to Sexual Dimorphism in Neonatal Hypoxic-Ischemic Brain Injury. <i>Stroke</i> , 2022, 53, 381-390.	2.0	20
9	Editorial: Perspectives of Astrocytes in Neurodevelopmental and Neurodegenerative Diseases: From Mechanistic Studies to Therapeutic Applications. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 857229.	3.7	1
10	Evolution of Neuropsychological Deficits in First-Ever Isolated Ischemic Thalamic Stroke and Their Association With Stroke Topography: A Case-Control Study. <i>Stroke</i> , 2022, 53, 1904-1914.	2.0	12
11	Tenascin-C restricts reactive astrogliosis in the ischemic brain. <i>Matrix Biology</i> , 2022, 110, 1-15.	3.6	9
12	Editorial: Hot Topics in Cellular Neuropathology. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 895861.	3.7	4
13	Long-term treatment with chloroquine increases lifespan in middle-aged male mice possibly via autophagy modulation, proteasome inhibition and glycogen metabolism. <i>Aging</i> , 2022, 14, 4195-4210.	3.1	7
14	Developing a novel tool to assess the ability to self-administer medication in non-demented in-hospital patients: ABLYMED study protocol. <i>BMC Geriatrics</i> , 2022, 22, .	2.7	2
15	CNS Antigen-Specific Neuroinflammation Attenuates Ischemic Stroke With Involvement of Polarized Myeloid Cells. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.0	3
16	Lithium modulates miR-1906 levels of mesenchymal stem cell-derived extracellular vesicles contributing to poststroke neuroprotection by toll-like receptor 4 regulation. <i>Stem Cells Translational Medicine</i> , 2021, 10, 357-373.	3.3	29
17	Developing an Alternative Version of the Epworth Sleepiness Scale to Assess Daytime Sleepiness in Adults with Physical or Mental Disabilities. <i>Gerontology</i> , 2021, 67, 49-59.	2.8	7
18	Hypocaloric Diet Initiated Post-Ischemia Provides Long-Term Neuroprotection and Promotes Peri-Infarct Brain Remodeling by Regulating Metabolic and Survival-Promoting Proteins. <i>Molecular Neurobiology</i> , 2021, 58, 1491-1503.	4.0	8

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19	Neutrophil dynamics, plasticity and function in acute neurodegeneration following neonatal hypoxia-ischemia. <i>Brain, Behavior, and Immunity</i> , 2021, 92, 232-242.	4.1	21
20	Neural Progenitor Cell-Derived Extracellular Vesicles Enhance Blood-Brain Barrier Integrity by NF- $\kappa$ B (Nuclear Factor- $\kappa$ B)-Dependent Regulation of ABCB1 (ATP-Binding Cassette Transporter B1) in Stroke Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1127-1145.	2.4	24
21	Tenascin-C preserves microglia surveillance and restricts leukocyte and, more specifically, T cell infiltration of the ischemic brain. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 639-648.	4.1	25
22	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. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 627-638.	4.1	18
23	The role of small extracellular vesicles in cerebral and myocardial ischemia-Molecular signals, treatment targets, and future clinical translation. <i>Stem Cells</i> , 2021, 39, 403-413.	3.2	25
24	Effects of Life Events and Social Isolation on Stroke and Coronary Heart Disease. <i>Stroke</i> , 2021, 52, 735-747.	2.0	15
25	Population impact of different hypertension management guidelines based on the prospective population-based Heinz Nixdorf Recall study. <i>BMJ Open</i> , 2021, 11, e039597.	1.9	3
26	Elastase inhibitor agaphelin protects from acute ischemic stroke in mice by reducing thrombosis, blood-brain barrier damage, and inflammation. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 288-298.	4.1	16
27	Circulating MicroRNAs. <i>Stroke</i> , 2021, 52, 954-956.	2.0	4
28	Platelet endothelial cell adhesion molecule-1 is a gatekeeper of neutrophil transendothelial migration in ischemic stroke. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 277-287.	4.1	30
29	Social isolation and risk of fatal cardiovascular events. <i>Lancet Public Health</i> , The, 2021, 6, e197-e198.	10.0	6
30	Stroke increases the expression of ACE2, the SARS-CoV-2 binding receptor, in murine lungs. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 458-462.	4.1	9
31	Critical considerations for the development of potency tests for therapeutic applications of mesenchymal stromal cell-derived small extracellular vesicles. <i>Cytotherapy</i> , 2021, 23, 373-380.	0.7	125
32	Inhibitory control in neuronal networks relies on the extracellular matrix integrity. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 5647-5663.	5.4	22
33	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. <i>Basic Research in Cardiology</i> , 2021, 116, 40.	5.9	82
34	Implications of immune responses for ischemic brain injury and stroke recovery. <i>Brain, Behavior, and Immunity</i> , 2021, 96, 292-294.	4.1	1
35	Inhibition of Fatty Acid Synthesis Aggravates Brain Injury, Reduces Blood-Brain Barrier Integrity and Impairs Neurological Recovery in a Murine Stroke Model. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 733973.	3.7	3
36	The Need for New Biomarkers to Assist with Stroke Prevention and Prediction of Post-Stroke Therapy Based on Plasma-Derived Extracellular Vesicles. <i>Biomedicines</i> , 2021, 9, 1226.	3.2	13

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37	New Light on the Horizon. <i>Stroke</i> , 2021, 52, 3348-3350.	2.0	0
38	Association of Blood Pressure, Its Treatment, and Treatment Efficacy With Volume of White Matter Hypertensities in the Population-Based 1000BRAINS Study. <i>Hypertension</i> , 2021, 78, 1490-1501.	2.7	7
39	Lost in the Translation Trap: Quest for a Research Reporting Culture That More Carefully Weighs Clinical Applicability in Experimental Disease Models. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 800207.	3.7	1
40	Extracellular vesicles from hypoxia-preconditioned microglia promote angiogenesis and repress apoptosis in stroke mice via the TGF- $\beta$ 2/Smad2/3 pathway. <i>Cell Death and Disease</i> , 2021, 12, 1068.	6.3	53
41	Roles of Polymorphonuclear Neutrophils in Ischemic Brain Injury and Post-Ischemic Brain Remodeling. <i>Frontiers in Immunology</i> , 2021, 12, 825572.	4.8	14
42	Neuroprotection Induced by Energy and Protein-Energy Undernutrition Is Phase-Dependent After Focal Cerebral Ischemia in Mice. <i>Translational Stroke Research</i> , 2020, 11, 135-146.	4.2	11
43	Functional relevance of the multi-drug transporter <i>abcg2</i> on teriflunomide therapy in an animal model of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2020, 17, 9.	7.2	7
44	CCL11 Differentially Affects Post-Stroke Brain Injury and Neuroregeneration in Mice Depending on Age. <i>Cells</i> , 2020, 9, 66.	4.1	12
45	Lithium enhances post-stroke blood-brain barrier integrity, activates the MAPK/ERK1/2 pathway and alters immune cell migration in mice. <i>Neuropharmacology</i> , 2020, 181, 108357.	4.1	32
46	Homozygous <i>Smpd1</i> deficiency aggravates brain ischemia/ reperfusion injury by mechanisms involving polymorphonuclear neutrophils, whereas heterozygous <i>Smpd1</i> deficiency protects against mild focal cerebral ischemia. <i>Basic Research in Cardiology</i> , 2020, 115, 64.	5.9	13
47	Modulating endothelial adhesion and migration impacts stem cell therapies efficacy. <i>EBioMedicine</i> , 2020, 60, 102987.	6.1	10
48	Refining endpoints for stroke recovery trials. <i>Lancet Neurology</i> , The, 2020, 19, 381-382.	10.2	6
49	Ageing as a risk factor for cerebral ischemia: Underlying mechanisms and therapy in animal models and in the clinic. <i>Mechanisms of Ageing and Development</i> , 2020, 190, 111312.	4.6	28
50	Postacute administration of the GABA <sub>A</sub> $\pm$ 5 antagonist S44819 promotes recovery of peripheral limb fine motor skills after permanent distal middle cerebral artery occlusion in rats. <i>Clinical and Translational Neuroscience</i> , 2020, 4, 2514183X2094830.	0.9	0
51	Thrombomodulin, a Master Switch Controlling Poststroke Microvascular Remodeling and Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2818-2820.	2.4	2
52	Adipose-derived mesenchymal stem cells reduce autophagy in stroke mice by extracellular vesicle transfer of miR-25. <i>Journal of Extracellular Vesicles</i> , 2020, 10, e12024.	12.2	96
53	Cell motility and migration as determinants of stem cell efficacy. <i>EBioMedicine</i> , 2020, 60, 102989.	6.1	26
54	Hot Topics in Cellular Neuropathology. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 627494.	3.7	3

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55	Ultrasml gold nanoparticles (2Ånm) can penetrate and enter cell nuclei in an in vitro 3D brain spheroid model. <i>Acta Biomaterialia</i> , 2020, 111, 349-362.	8.3	51
56	Impact of a preceding radiotherapy on the outcome of immune checkpoint inhibition in metastatic melanoma: a multicenter retrospective cohort study of the DeCOG. , 2020, 8, e000395.		9
57	Compromised Hippocampal Neuroplasticity in the Interferon-Î± and Toll-like Receptor-3 Activation-Induced Mouse Depression Model. <i>Molecular Neurobiology</i> , 2020, 57, 3171-3182.	4.0	11
58	Electric Stimulation of Neurogenesis Improves Behavioral Recovery After Focal Ischemia in Aged Rats. <i>Frontiers in Neuroscience</i> , 2020, 14, 732.	2.8	18
59	Long-term exposure to ambient source-specific particulate matter and its components and incidence of cardiovascular events â€œ The Heinz Nixdorf Recall study. <i>Environment International</i> , 2020, 142, 105854.	10.0	29
60	Dose-Dependent Microglial and Astrocytic Responses Associated With Post-ischemic Neuroprotection After Lipopolysaccharide-Induced Sepsis-Like State in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 26.	3.7	11
61	Safety and efficacy of GABAA Î±5 antagonist S44819 in patients with ischaemic stroke: a multicentre, double-blind, randomised, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2020, 19, 226-233.	10.2	34
62	Clinical and functional patient characteristics predict medical needs in older patients at risk of functional decline. <i>BMC Geriatrics</i> , 2020, 20, 75.	2.7	8
63	Association of social relationships with incident cardiovascular events and all-cause mortality. <i>Heart</i> , 2020, 106, 1317-1323.	2.9	27
64	Long-term treatment with spermidine increases health span of middle-aged Sprague-Dawley male rats. <i>GeroScience</i> , 2020, 42, 937-949.	4.6	26
65	FoxP3 deficiency causes no inflammation or neurodegeneration in the murine brain. <i>Journal of Neuroimmunology</i> , 2020, 342, 577216.	2.3	3
66	Mesenchymal Stromal Cellâ€™Derived Small Extracellular Vesicles Induce Ischemic Neuroprotection by Modulating Leukocytes and Specifically Neutrophils. <i>Stroke</i> , 2020, 51, 1825-1834.	2.0	95
67	Light Sheet Microscopy Using FITC-Albumin Followed by Immunohistochemistry of the Same Rehydrated Brains Reveals Ischemic Brain Injury and Early Microvascular Remodeling. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 625513.	3.7	4
68	Modulating Microglial Cells for Promoting Brain Recovery and Repair. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 627987.	3.7	5
69	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. <i>Experimental Neurology</i> , 2020, 331, 113364.	4.1	17
70	Randomized Efficacy and Safety Trial with Oral S 44819 after Recent ischemic cerebral Event (RESTORE) Tj ETQq0 Q 0 rgBT /Qverlock 10	1.6	5
71	Validity and Reliability of Neurological Scores in Mice Exposed to Middle Cerebral Artery Occlusion. <i>Stroke</i> , 2019, 50, 2875-2882.	2.0	97
72	Health outcome of older hospitalized patients in internal medicine environments evaluated by Identification of Seniors at Risk (ISAR) screening and geriatric assessment. <i>BMC Geriatrics</i> , 2019, 19, 221.	2.7	12

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73	Intestinal Acid Sphingomyelinase Protects From Severe Pathogen-Driven Colitis. <i>Frontiers in Immunology</i> , 2019, 10, 1386.	4.8	10
74	Genetic conversion of proliferative astroglia into neurons after cerebral ischemia: a new therapeutic tool for the aged brain?. <i>GeroScience</i> , 2019, 41, 363-368.	4.6	4
75	Moderate Protein Restriction Protects Against Focal Cerebral Ischemia in Mice by Mechanisms Involving Anti-inflammatory and Anti-oxidant Responses. <i>Molecular Neurobiology</i> , 2019, 56, 8477-8488.	4.0	7
76	Cardiovascular Risk and Atherosclerosis Progression in Hypertensive Persons Treated to Blood Pressure Targets. <i>Hypertension</i> , 2019, 74, 1436-1447.	2.7	15
77	Deactivation of ATP-Binding Cassette Transporters ABCB1 and ABCC1 Does Not Influence Post-ischemic Neurological Deficits, Secondary Neurodegeneration and Neurogenesis, but Induces Subtle Microglial Morphological Changes. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 412.	3.7	6
78	Polymorphonuclear Neutrophils Play a Decisive Role for Brain Injury and Neurological Recovery Poststroke. <i>Stroke</i> , 2019, 50, e40-e41.	2.0	15
79	Animal models of ischemic stroke and their impact on drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 315-326.	5.0	47
80	Contemporaneous 3D characterization of acute and chronic myocardial I/R injury and response. <i>Nature Communications</i> , 2019, 10, 2312.	12.8	60
81	Modeling Vascular Risk Factors for the Development of Ischemic Stroke Therapies. <i>Stroke</i> , 2019, 50, 1310-1317.	2.0	9
82	Sleep-Disordered Breathing in Hospitalized Geriatric Patients with Mild Dementia and Its Association with Cognition, Emotion and Mobility. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 863.	2.6	16
83	Acute and Post-acute Neuromodulation Induces Stroke Recovery by Promoting Survival Signaling, Neurogenesis, and Pyramidal Tract Plasticity. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 144.	3.7	52
84	Contribution of polymorphonuclear neutrophils in the blood periphery to ischemic brain injury. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, e570.	6.0	4
85	Very Low Efficiency of Direct Reprogramming of Astrocytes Into Neurons in the Brains of Young and Aged Mice After Cerebral Ischemia. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 334.	3.4	17
86	Recent Advances in Mono- and Combined Stem Cell Therapies of Stroke in Animal Models and Humans. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6029.	4.1	26
87	Intracortical Administration of the Complement C3 Receptor Antagonist Trifluoroacetate Modulates Microglia Reaction after Brain Injury. <i>Neural Plasticity</i> , 2019, 2019, 1-9.	2.2	31
88	Opportunities and Limitations of Vascular Risk Factor Models in Studying Plasticity-Promoting and Restorative Ischemic Stroke Therapies. <i>Neural Plasticity</i> , 2019, 2019, 1-12.	2.2	7
89	Impairment of hypoxia-induced angiogenesis by LDL involves a HIF-centered signaling network linking inflammatory TNF $\alpha$ and angiogenic VEGF. <i>Aging</i> , 2019, 11, 328-349.	3.1	26
90	Identification of the right cell sources for the production of therapeutically active extracellular vesicles in ischemic stroke. <i>Annals of Translational Medicine</i> , 2019, 7, 188-188.	1.7	21

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91	Preclinical concepts and results with the GABA <sub>A</sub> antagonist S44819 in a mouse model of middle cerebral artery occlusion. <i>Neural Regeneration Research</i> , 2019, 14, 1517.	3.0	2
92	Higher levels of kallikrein-8 in female brain may increase the risk for Alzheimer's disease. <i>Brain Pathology</i> , 2018, 28, 947-964.	4.1	20
93	High-density lipoprotein (HDL) promotes angiogenesis via S1P3-dependent VEGFR2 activation. <i>Angiogenesis</i> , 2018, 21, 381-394.	7.2	39
94	Implications of polymorphonuclear neutrophils for ischemic stroke and intracerebral hemorrhage: Predictive value, pathophysiological consequences and utility as therapeutic target. <i>Journal of Neuroimmunology</i> , 2018, 321, 138-143.	2.3	44
95	Very Delayed Remote Ischemic Post-conditioning Induces Sustained Neurological Recovery by Mechanisms Involving Enhanced Angiogenesis and Peripheral Immunosuppression Reversal. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 383.	3.7	35
96	Multicellular Crosstalk Between Exosomes and the Neurovascular Unit After Cerebral Ischemia. Therapeutic Implications. <i>Frontiers in Neuroscience</i> , 2018, 12, 811.	2.8	122
97	Role of immune responses for extracellular matrix remodeling in the ischemic brain. <i>Therapeutic Advances in Neurological Disorders</i> , 2018, 11, 175628641881809.	3.5	39
98	Role of polymorphonuclear neutrophils in the reperfused ischemic brain: insights from cell-type-specific immunodepletion and fluorescence microscopy studies. <i>Therapeutic Advances in Neurological Disorders</i> , 2018, 11, 175628641879860.	3.5	14
99	Precipitation with polyethylene glycol followed by washing and pelleting by ultracentrifugation enriches extracellular vesicles from tissue culture supernatants in small and large scales. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1528109.	12.2	164
100	Postacute Delivery of GABA <sub>A</sub> Antagonist Promotes Postischemic Neurological Recovery and Peri-infarct Brain Remodeling. <i>Stroke</i> , 2018, 49, 2495-2503.	2.0	52
101	Immunological and non-immunological effects of stem cell-derived extracellular vesicles on the ischaemic brain. <i>Therapeutic Advances in Neurological Disorders</i> , 2018, 11, 175628641878932.	3.5	24
102	Defining mechanisms of neural plasticity after brainstem ischemia in rats. <i>Annals of Neurology</i> , 2018, 83, 1003-1015.	5.3	6
103	Topological remodeling of cortical perineuronal nets in focal cerebral ischemia and mild hypoperfusion. <i>Matrix Biology</i> , 2018, 74, 121-132.	3.6	27
104	Conditioned Medium Derived from Neural Progenitor Cells Induces Long-term Post-ischemic Neuroprotection, Sustained Neurological Recovery, Neurogenesis, and Angiogenesis. <i>Molecular Neurobiology</i> , 2017, 54, 1531-1540.	4.0	33
105	Lithium-induced neuroprotection in stroke involves increased miR-124 expression, reduced RE1-silencing transcription factor abundance and decreased protein deubiquitination by GSK3 <sup>β</sup> inhibition-independent pathways. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 914-926.	4.3	39
106	Post-acute delivery of memantine promotes post-ischemic neurological recovery, peri-infarct tissue remodeling, and contralesional brain plasticity. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 980-993.	4.3	41
107	Author Response: Role Of Sleep-Disordered Breathing And Sleep-Wake Disturbances For Stroke And Stroke Recovery. <i>Neurology</i> , 2017, 88, 220-221.	1.1	2
108	3D visualization and quantification of microvessels in the whole ischemic mouse brain using solvent-based clearing and light sheet microscopy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3355-3367.	4.3	106

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109	Concise Review: Extracellular Vesicles Overcoming Limitations of Cell Therapies in Ischemic Stroke. <i>Stem Cells Translational Medicine</i> , 2017, 6, 2044-2052.	3.3	36
110	Association of Plasma $\beta$ -Amyloid with Cognitive Performance and Decline in Chronic Kidney Disease. <i>Molecular Neurobiology</i> , 2017, 54, 7194-7203.	4.0	9
111	Ischemic Post-Conditioning Induces Post-Stroke Neuroprotection via Hsp70-Mediated Proteasome Inhibition and Facilitates Neural Progenitor Cell Transplantation. <i>Molecular Neurobiology</i> , 2017, 54, 6061-6073.	4.0	27
112	Vesicular glutamate transporters play a role in neuronal differentiation of cultured SVZ-derived neural precursor cells. <i>PLoS ONE</i> , 2017, 12, e0177069.	2.5	10
113	Identification of hospitalized elderly patients at risk for adverse in-hospital outcomes in a university orthopedics and trauma surgery environment. <i>PLoS ONE</i> , 2017, 12, e0187801.	2.5	20
114	Identification of the histone lysine demethylase KDM4A/JMJD2A as a novel epigenetic target in M1 macrophage polarization induced by oxidized LDL. <i>Oncotarget</i> , 2017, 8, 114442-114456.	1.8	20
115	Characterization of Seeding Conditions for Studies on Differentiation Patterns of Subventricular Zone Derived Neurospheres. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 55.	3.7	4
116	Vascular Risk Factors and Diseases Modulate Deficits of Reward-Based Reversal Learning in Acute Basal Ganglia Stroke. <i>PLoS ONE</i> , 2016, 11, e0155267.	2.5	1
117	Implantation of Miniosmotic Pumps and Delivery of Tract Tracers to Study Brain Reorganization in Pathophysiological Conditions. <i>Journal of Visualized Experiments</i> , 2016, , e52932.	0.3	7
118	Role of sleep-disordered breathing and sleep-wake disturbances for stroke and stroke recovery. <i>Neurology</i> , 2016, 87, 1407-1416.	1.1	154
119	Colocalization of synapse marker proteins evaluated by STED-microscopy reveals patterns of neuronal synapse distribution in vitro. <i>Journal of Neuroscience Methods</i> , 2016, 273, 149-159.	2.5	81
120	Late running is not too late against Alzheimer's pathology. <i>Neurobiology of Disease</i> , 2016, 94, 44-54.	4.4	36
121	Systemic Proteasome Inhibition Induces Sustained Post-stroke Neurological Recovery and Neuroprotection via Mechanisms Involving Reversal of Peripheral Immunosuppression and Preservation of Blood-Brain Barrier Integrity. <i>Molecular Neurobiology</i> , 2016, 53, 6332-6341.	4.0	21
122	Kallikrein $\beta$ 1 inhibition attenuates Alzheimer's disease pathology in mice. <i>Alzheimer's and Dementia</i> , 2016, 12, 1273-1287.	0.8	36
123	Factors Responsible for Plasma $\beta$ -Amyloid Accumulation in Chronic Kidney Disease. <i>Molecular Neurobiology</i> , 2016, 53, 3136-3145.	4.0	35
124	From Bedside to Bench: How Clinical Reality Should Instruct Stroke Modeling. <i>Neuromethods</i> , 2016, , 1-6.	0.3	2
125	Cognitive Performance Is Highly Stable over a 2-Year-Follow-Up in Chronic Kidney Disease Patients in a Dedicated Medical Environment. <i>PLoS ONE</i> , 2016, 11, e0166530.	2.5	4
126	Methods for the analysis of neuronal plasticity and brain connectivity during neurological recovery. <i>Neural Regeneration Research</i> , 2016, 11, 1701.	3.0	0



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127	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	12.2	1,020
128	LDL suppresses angiogenesis through disruption of the HIF pathway via NF- $\kappa$ B inhibition which is reversed by the proteasome inhibitor BSc2118. <i>Oncotarget</i> , 2015, 6, 30251-30262.	1.8	15
129	Thoracic aortic calcification is associated with incident stroke in the general population in addition to established risk factors. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 684-690.	1.2	37
130	Rapid Regulation of Depression-Associated Genes in a New Mouse Model Mimicking Interferon- $\gamma$ -Related Depression in Hepatitis C Virus Infection. <i>Molecular Neurobiology</i> , 2015, 52, 318-329.	4.0	30
131	Post-stroke transplantation of adult subventricular zone derived neural progenitor cells – A comprehensive analysis of cell delivery routes and their underlying mechanisms. <i>Experimental Neurology</i> , 2015, 273, 45-56.	4.1	24
132	The Indirect NMDAR Antagonist Acamprosate Induces Postischemic Neurologic Recovery Associated with Sustained Neuroprotection and Neuroregeneration. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 2089-2097.	4.3	12
133	Extracellular Vesicles Improve Post-Stroke Neuroregeneration and Prevent Postischemic Immunosuppression. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1131-1143.	3.3	584
134	Role of Neutrophils in Exacerbation of Brain Injury After Focal Cerebral Ischemia in Hyperlipidemic Mice. <i>Stroke</i> , 2015, 46, 2916-2925.	2.0	166
135	Neurovascular remodeling in the aged ischemic brain. <i>Journal of Neural Transmission</i> , 2015, 122, 25-33.	2.8	22
136	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. <i>Acta Neuropathologica</i> , 2015, 129, 259-277.	7.7	210
137	Effects of normobaric oxygen and melatonin on reperfusion injury: role of cerebral microcirculation. <i>Oncotarget</i> , 2015, 6, 30604-30614.	1.8	48
138	Air Quality, Stroke, and Coronary Events. <i>Deutsches Arzteblatt International</i> , 2015, 112, 195-201.	0.9	47
139	Effects of neural progenitor cells on post-stroke neurological impairment – a detailed and comprehensive analysis of behavioral tests. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 338.	3.7	86
140	Stem cell-based treatments against stroke: observations from human proof-of-concept studies and considerations regarding clinical applicability. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 357.	3.7	34
141	The Authors Reply. <i>Kidney International</i> , 2014, 85, 713.	5.2	0
142	Promoting Neurological Recovery in the Post-Acute Stroke Phase: Benefits and Challenges. <i>European Neurology</i> , 2014, 72, 317-325.	1.4	13
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