## **Matthias Endres**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/727436/publications.pdf

Version: 2024-02-01

254 papers

22,310 citations

9786 73 h-index 9861 141 g-index

266 all docs

266 docs citations

266 times ranked 26102 citing authors

#	Article	IF	CITATIONS
1	Global, regional, and national burden of stroke, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 439-458.	10.2	2,005
2	Global, Regional, and Country-Specific Lifetime Risks of Stroke, 1990 and 2016. New England Journal of Medicine, 2018, 379, 2429-2437.	27.0	959
3	MRI-Guided Thrombolysis for Stroke with Unknown Time of Onset. New England Journal of Medicine, 2018, 379, 611-622.	27.0	912
4	Physical Training Increases Endothelial Progenitor Cells, Inhibits Neointima Formation, and Enhances Angiogenesis. Circulation, 2004, 109, 220-226.	1.6	764
5	Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source. New England Journal of Medicine, 2018, 378, 2191-2201.	27.0	730
6	Ischemic Brain Injury is Mediated by the Activation of Poly(ADP-Ribose)Polymerase. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 1143-1151.	4.3	596
7	Attenuation of Delayed Neuronal Death after Mild Focal Ischemia in Mice by Inhibition of the Caspase Family. Journal of Cerebral Blood Flow and Metabolism, 1998, 18, 238-247.	4.3	532
8	DWI-FLAIR mismatch for the identification of patients with acute ischaemic stroke within 4·5 h of symptom onset (PRE-FLAIR): a multicentre observational study. Lancet Neurology, The, 2011, 10, 978-986.	10.2	468
9	Anticoagulant Reversal, Blood Pressure Levels, and Anticoagulant Resumption in Patients With Anticoagulation-Related Intracerebral Hemorrhage. JAMA - Journal of the American Medical Association, 2015, 313, 824.	7.4	447
10	Bone Marrow–Derived Progenitor Cells Modulate Vascular Reendothelialization and Neointimal Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1567-1572.	2.4	415
11	The Post-COVID-19 Functional Status scale: a tool to measure functional status over time after COVID-19. European Respiratory Journal, 2020, 56, 2001494.	6.7	368
12	Effect of the Use of Ambulance-Based Thrombolysis on Time to Thrombolysis in Acute Ischemic Stroke. JAMA - Journal of the American Medical Association, 2014, 311, 1622.	7.4	363
13	Atorvastatin Upregulates Type III Nitric Oxide Synthase in Thrombocytes, Decreases Platelet Activation, and Protects From Cerebral Ischemia in Normocholesterolemic Mice. Stroke, 2000, 31, 2442-2449.	2.0	359
14	A Therapeutic Non-self-reactive SARS-CoV-2 Antibody Protects from Lung Pathology in a COVID-19 Hamster Model. Cell, 2020, 183, 1058-1069.e19.	28.9	305
15	DNA Methyltransferase Contributes to Delayed Ischemic Brain Injury. Journal of Neuroscience, 2000, 20, 3175-3181.	3.6	274
16	Suppression of Endothelial Nitric Oxide Production After Withdrawal of Statin Treatment Is Mediated by Negative Feedback Regulation of Rho GTPase Gene Transcription. Circulation, 2000, 102, 3104-3110.	1.6	274
17	Mechanisms of stroke protection by physical activity. Annals of Neurology, 2003, 54, 582-590.	5.3	273
18	Treatment of Relapsing Paralysis in Experimental Encephalomyelitis by Targeting Th1 Cells through Atorvastatin. Journal of Experimental Medicine, 2003, 197, 725-733.	8.5	271

#	Article	IF	CITATIONS
19	Rosuvastatin, a new HMG-CoA reductase inhibitor, upregulates endothelial nitric oxide synthase and protects from ischemic stroke in mice. Brain Research, 2002, 942, 23-30.	2.2	270
20	Neuroprotection mediated by changes in the endothelial actin cytoskeleton. Journal of Clinical Investigation, 2000, 106, 15-24.	8.2	250
21	Postâ€stroke depression: mechanisms, translation and therapy. Journal of Cellular and Molecular Medicine, 2012, 16, 1961-1969.	3.6	239
22	Targeting eNOS for stroke protection. Trends in Neurosciences, 2004, 27, 283-289.	8.6	238
23	Improving Outcome after Stroke: Overcoming the Translational Roadblock. Cerebrovascular Diseases, 2008, 25, 268-278.	1.7	237
24	Attenuation of Transient Focal Cerebral Ischemic Injury in Transgenic Mice Expressing a Mutant ICE Inhibitory Protein. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 370-375.	4.3	232
25	Mild Cerebral Ischemia Induces Loss of Cyclin-Dependent Kinase Inhibitors and Activation of Cell Cycle Machinery before Delayed Neuronal Cell Death. Journal of Neuroscience, 2001, 21, 5045-5053.	3.6	223
26	Gut Microbiota–Dependent Trimethylamine <i>N</i> -Oxide Predicts Risk of Cardiovascular Events in Patients With Stroke and Is Related to Proinflammatory Monocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2225-2235.	2.4	219
27	Preventing dementia by preventing stroke: The Berlin Manifesto. Alzheimer's and Dementia, 2019, 15, 961-984.	0.8	200
28	Prolonged Therapeutic Window for Ischemic Brain Damage Caused by Delayed Caspase Activation. Journal of Cerebral Blood Flow and Metabolism, 1998, 18, 1071-1076.	4.3	199
29	The neurovascular unit as a selective barrier to polymorphonuclear granulocyte (PMN) infiltration into the brain after ischemic injury. Acta Neuropathologica, 2013, 125, 395-412.	7.7	192
30	Selective Neuronal Loss in Ischemic Stroke and Cerebrovascular Disease. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 2-18.	4.3	192
31	High frequency of cerebrospinal fluid autoantibodies in COVID-19 patients with neurological symptoms. Brain, Behavior, and Immunity, 2021, 93, 415-419.	4.1	192
32	Neuroprotective effects of atorvastatin against glutamate-induced excitotoxicity in primary cortical neurones. Journal of Neurochemistry, 2005, 92, 1386-1398.	3.9	185
33	Essential role of interleukin-6 in post-stroke angiogenesis. Brain, 2012, 135, 1964-1980.	7.6	174
34	Statins and Stroke. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 1093-1110.	4.3	170
35	Effects of Statins on Endothelium and Signaling Mechanisms. Stroke, 2004, 35, 2708-2711.	2.0	156
36	Supply-Demand Mismatch Transients in Susceptible Peri-infarct Hot Zones Explain the Origins of Spreading Injury Depolarizations. Neuron, 2015, 85, 1117-1131.	8.1	154

3

#	Article	IF	CITATIONS
37	Synergistic effects of caspase inhibitors and MK-801 in brain injury after transient focal cerebral ischaemia in mice. British Journal of Pharmacology, 1998, 124, 756-762.	5.4	153
38	Withdrawal of Statin Treatment Abrogates Stroke Protection in Mice. Stroke, 2003, 34, 551-557.	2.0	153
39	Rivaroxaban or aspirin for patent foramen ovale and embolic stroke of undetermined source: a prespecified subgroup analysis from the NAVIGATE ESUS trial. Lancet Neurology, The, 2018, 17, 1053-1060.	10.2	146
40	Stroke–heart syndrome: clinical presentation and underlying mechanisms. Lancet Neurology, The, 2018, 17, 1109-1120.	10.2	135
41	Neuroprotective effects of gelsolin during murine stroke. Journal of Clinical Investigation, 1999, 103, 347-354.	8.2	135
42	Endothelial Nitric Oxide Synthase-Dependent Cerebral Blood Flow Augmentation by <scp>L</scp> -Arginine After Chronic Statin Treatment. Journal of Cerebral Blood Flow and Metabolism, 2000, 20, 709-717.	4.3	134
43	Found in Translation. Stroke, 2014, 45, 1510-1518.	2.0	132
44	Clinical Selection Strategies to Identify Ischemic Stroke Patients With Large Anterior Vessel Occlusion. Stroke, 2017, 48, 290-297.	2.0	115
45	High prevalence of <scp>NMDA</scp> receptor IgA/IgM antibodies in different dementia types. Annals of Clinical and Translational Neurology, 2014, 1, 822-832.	3.7	114
46	Association of prothrombin complex concentrate administration and hematoma enlargement in nonâ€"vitamin <scp>K</scp> antagonist oral anticoagulantâ€"related intracerebral hemorrhage. Annals of Neurology, 2018, 83, 186-196.	<b>5.</b> 3	114
47	Functional outcomes of pre-hospital thrombolysis in a mobile stroke treatment unit compared with conventional care: an observational registry study. Lancet Neurology, The, 2016, 15, 1035-1043.	10.2	109
48	Fluid-Attenuated Inversion Recovery Evolution Within 12 Hours From Stroke Onset. Stroke, 2010, 41, 250-255.	2.0	108
49	Statins: Potential new indications in inflammatory conditions. Atherosclerosis Supplements, 2006, 7, 31-35.	1.2	107
50	Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. Lancet, The, 2020, 396, 1574-1584.	13.7	107
51	Discontinuation of Statin Treatment in Stroke Patients. Stroke, 2006, 37, 2640-2643.	2.0	106
52	Folic Acid, Neurodegenerative and Neuropsychiatric Disease. Current Molecular Medicine, 2009, 9, 315-323.	1.3	103
53	Coronary Angiographic Findings in Acute Ischemic Stroke Patients With Elevated Cardiac Troponin. Circulation, 2016, 133, 1264-1271.	1.6	102
54	Effects of cerebral ischemia in mice lacking DNA methyltransferase 1 in post-mitotic neurons. NeuroReport, 2001, 12, 3763-3766.	1.2	100

#	Article	IF	CITATIONS
55	Characterization of long-term functional outcome in a murine model of mild brain ischemia. Journal of Neuroscience Methods, 2013, 213, 179-187.	2.5	100
56	Increased postischemic brain injury in mice deficient in uracil-DNA glycosylase. Journal of Clinical Investigation, 2004, 113, 1711-1721.	8.2	96
57	The ectonucleotidase <i>cd39</i> /i>/ENTPDase1 modulates purinergicâ€mediated microglial migration. Glia, 2008, 56, 331-341.	4.9	94
58	Inhibition of histone deacetylation protects wildtype but not gelsolin-deficient mice from ischemic brain injury. Experimental Neurology, 2008, 210, 531-542.	4.1	94
59	Intravenous Rosuvastatin for Acute Stroke Treatment. Stroke, 2008, 39, 433-438.	2.0	94
60	HMG-CoA reductase inhibition causes neurite loss by interfering with geranylgeranylpyrophosphate synthesis. Journal of Neurochemistry, 2004, 89, 24-32.	3.9	93
61	Exofocal Dopaminergic Degeneration as Antidepressant Target in Mouse Model of Poststroke Depression. Biological Psychiatry, 2012, 72, 273-281.	1.3	91
62	Association of Surgical Hematoma Evacuation vs Conservative Treatment With Functional Outcome in Patients With Cerebellar Intracerebral Hemorrhage. JAMA - Journal of the American Medical Association, 2019, 322, 1392.	7.4	91
63	Folate Deficiency Induces Neurodegeneration and Brain Dysfunction in Mice Lacking Uracil DNA Glycosylase. Journal of Neuroscience, 2008, 28, 7219-7230.	3.6	86
64	Stroke in right dorsal anterior insular cortex Is related to myocardial injury. Annals of Neurology, 2017, 81, 502-511.	5.3	86
65	Distinguishing features of microglia- and monocyte-derived macrophages after stroke. Acta Neuropathologica, 2018, 135, 551-568.	7.7	86
66	Anxious and Hyperactive Phenotype Following Brief Ischemic Episodes in Mice. Biological Psychiatry, 2005, 57, 1166-1175.	1.3	85
67	Novichok nerve agent poisoning. Lancet, The, 2021, 397, 249-252.	13.7	85
68	Application and Interpretation of High-Sensitivity Cardiac Troponin Assays in Patients With Acute Ischemic Stroke. Stroke, 2015, 46, 1132-1140.	2.0	83
69	Rivaroxaban for secondary stroke prevention in patients with embolic strokes of undetermined source: Design of the NAVIGATE ESUS randomized trial. European Stroke Journal, 2016, 1, 146-154.	<b>5.</b> 5	83
70	Prospective study on the mismatch concept in acute stroke patients within the first 24 h after symptom onset - 1000Plus study. BMC Neurology, 2009, 9, 60.	1.8	82
71	Studying the pathophysiology of coronavirus disease 2019: a protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19). Infection, 2020, 48, 619-626.	4.7	79
72	Vaccine-Induced Thrombocytopenia with Severe Headache. New England Journal of Medicine, 2021, 385, 2103-2105.	27.0	79

#	Article	IF	CITATIONS
73	Selective Neuronal Vulnerability Following Mild Focal Brain Ischemia in the Mouse. Brain Pathology, 2003, 13, 452-464.	4.1	78
74	Aortic Arch Atherosclerosis in Patients With Embolic Stroke of Undetermined Source. Stroke, 2019, 50, 3184-3190.	2.0	78
75	Ischemic Brain Damage in Mice after Selectively Modifying BDNF or NT4 Gene Expression. Journal of Cerebral Blood Flow and Metabolism, 2000, 20, 139-144.	4.3	77
76	Frequency, determinants and outcome of elevated troponin in acute ischemic stroke patients. International Journal of Cardiology, 2012, 157, 239-242.	1.7	77
77	Neuronal gelsolin prevents apoptosis by enhancing actin depolymerization. Molecular and Cellular Neurosciences, 2004, 25, 69-82.	2.2	76
78	Primary prevention of stroke: blood pressure, lipids, and heart failure. European Heart Journal, 2011, 32, 545-552.	2.2	76
79	Prognostic relevance of cardiac troponin T levels and their dynamic changes measured with a high-sensitivity assay in acute ischaemic stroke: Analyses from the TRELAS cohort. International Journal of Cardiology, 2014, 177, 886-893.	1.7	76
80	Insular Cortex Lesions, Cardiac Troponin, and Detection of Previously Unknown Atrial Fibrillation in Acute Ischemic Stroke. Stroke, 2015, 46, 1196-1201.	2.0	76
81	Management of therapeutic anticoagulation in patients with intracerebral haemorrhage and mechanical heart valves. European Heart Journal, 2018, 39, 1709-1723.	2.2	76
82	Heart Rate Contributes to the Vascular Effects of Chronic Mental Stress. Stroke, 2011, 42, 1742-1749.	2.0	75
83	Immune Pathways in Etiology, Acute Phase, and Chronic Sequelae of Ischemic Stroke. Circulation Research, 2022, 130, 1167-1186.	4.5	74
84	Statin-associated rhabdomyolysis triggered by grapefruit consumption. Neurology, 2004, 62, 670-670.	1.1	71
85	Vascular Signal Transducer and Activator of Transcription-3 Promotes Angiogenesis and Neuroplasticity Long-Term After Stroke. Circulation, 2015, 131, 1772-1782.	1.6	71
86	Dose-Related Effects of Statins on Symptomatic Intracerebral Hemorrhage and Outcome After Thrombolysis for Ischemic Stroke. Stroke, 2014, 45, 509-514.	2.0	70
87	A support programme for secondary prevention in patients with transient ischaemic attack and minor stroke (INSPiRE-TMS): an open-label, randomised controlled trial. Lancet Neurology, The, 2020, 19, 49-60.	10.2	69
88	Pituitary adenylate cyclase-activating polypeptide is up-regulated in cortical pyramidal cells after focal ischemia and protects neurons from mild hypoxic/ischemic damage. Journal of Neurochemistry, 2007, 103, 1666-1681.	3.9	65
89	Folate Deficiency Increases Postischemic Brain Injury. Stroke, 2005, 36, 321-325.	2.0	59
90	Phosphatidylinositol 3-Akt-Kinase-Dependent Phosphorylation of p21Waf1/Cip1 as a Novel Mechanism of Neuroprotection by Glucocorticoids. Journal of Neuroscience, 2007, 27, 4562-4571.	3.6	59

#	Article	IF	CITATIONS
91	Of mice and men: modelling postâ€stroke depression experimentally. British Journal of Pharmacology, 2014, 171, 4673-4689.	5.4	59
92	Body temperature measurement in mice during acute illness: implantable temperature transponder versus surface infrared thermometry. Scientific Reports, 2018, 8, 3526.	3.3	58
93	Ischemia and Stroke. Advances in Experimental Medicine and Biology, 2003, 513, 455-473.	1.6	58
94	Dysexecutive Syndrome After Mild Cerebral Ischemia?. Stroke, 2004, 35, 191-195.	2.0	56
95	Acute neuroprotection by pioglitazone after mild brain ischemia without effect on long-term outcome. Experimental Neurology, 2009, 216, 321-328.	4.1	55
96	Fluid-Attenuated Inversion Recovery Images and Stroke Outcome After Thrombolysis. Stroke, 2012, 43, 539-542.	2.0	54
97	Increased postischemic brain injury in mice deficient in uracil-DNA glycosylase. Journal of Clinical Investigation, 2004, 113, 1711-1721.	8.2	53
98	Somatostatin Receptor 2 Is Activated in Cortical Neurons and Contributes to Neurodegeneration after Focal Ischemia. Journal of Neuroscience, 2004, 24, 11404-11415.	3.6	51
99	In-Hospital Stroke Recurrence and Stroke After Transient Ischemic Attack. Stroke, 2015, 46, 1031-1037.	2.0	51
100	The subpopulation of microglia expressing functional muscarinic acetylcholine receptors expands in stroke and Alzheimer's disease. Brain Structure and Function, 2016, 221, 1157-1172.	2.3	51
101	Optimal Transport Destination for Ischemic Stroke Patients With Unknown Vessel Status. Stroke, 2017, 48, 2184-2191.	2.0	50
102	Tracking of systemically administered mononuclear cells in the ischemic brain by high-field magnetic resonance imaging. Neurolmage, 2006, 33, 886-897.	4.2	48
103	Statin Treatment in Patients With Intracerebral Hemorrhage. Stroke, 2018, 49, 240-246.	2.0	48
104	Modulation of Fate Determinants Olig2 and Pax6 in Resident Glia Evokes Spiking Neuroblasts in a Model of Mild Brain Ischemia. Stroke, 2010, 41, 2944-2949.	2.0	46
105	Histone Acetylation and CREB Binding Protein Are Required for Neuronal Resistance against Ischemic Injury. PLoS ONE, 2014, 9, e95465.	2.5	43
106	Nestin-Expressing Cells Divide and Adopt a Complex Electrophysiologic Phenotype after Transient Brain Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 1613-1624.	4.3	42
107	Inhibition of histone deacetylation protects wild-type but not gelsolin-deficient neurons from oxygen/glucose deprivation. Journal of Neurochemistry, 2006, 98, 1019-1031.	3.9	42
108	PD1 pathway in immune-mediated myopathies. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, e558.	6.0	42

#	Article	IF	CITATIONS
109	Clinical and Radiological Spectrum of Posterior Reversible Encephalopathy Syndrome: Does Age Make a Difference? – A Retrospective Comparison between Adult and Pediatric Patients. PLoS ONE, 2014, 9, e115073.	2.5	41
110	A Neurological Outpatient Clinic for Patients With Post-COVID-19 Syndrome — A Report on the Clinical Presentations of the First 100 Patients. Frontiers in Neurology, 2021, 12, 738405.	2.4	41
111	Actin dynamics shape microglia effector functions. Brain Structure and Function, 2016, 221, 2717-2734.	2.3	39
112	EphrinB2 Activation Enhances Vascular Repair Mechanisms and Reduces Brain Swelling After Mild Cerebral Ischemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 867-878.	2.4	39
113	Accelerated degradation of retinoic acid by activated microglia. Journal of Neuroimmunology, 2013, 256, 1-6.	2.3	38
114	CD93/AA4.1: A Novel Regulator of Inflammation in Murine Focal Cerebral Ischemia. Journal of Immunology, 2010, 184, 6407-6417.	0.8	37
115	Non-vitamin K-dependent oral anticoagulants have a positive impact on ischaemic stroke severity in patients with atrial fibrillation. Europace, 2018, 20, 569-574.	1.7	37
116	Impact of Actin Filament Stabilization on Adult Hippocampal and Olfactory Bulb Neurogenesis. Journal of Neuroscience, 2010, 30, 3419-3431.	3.6	36
117	Bypassing the Closest Stroke Center for Thrombectomy Candidates. Stroke, 2020, 51, 867-875.	2.0	36
118	Spreading depression as an innate antiseizure mechanism. Nature Communications, 2021, 12, 2206.	12.8	36
119	Neurofilament proteins as a potential biomarker in chemotherapy-induced polyneuropathy. JCI Insight, 2022, 7, .	5.0	36
120	Repetitive magnetic stimulation of human-derived neuron-like cells activates cAMP-CREB pathway. European Archives of Psychiatry and Clinical Neuroscience, 2012, 262, 87-91.	3.2	35
121	Impact of standardized MONitoring for Detection of Atrial Fibrillation in Ischemic Stroke (MonDAFIS): Rationale and design of a prospective randomized multicenter study. American Heart Journal, 2016, 172, 19-25.	2.7	35
122	Silent New DWI Lesions within the First Week after Stroke. Cerebrovascular Diseases, 2012, 33, 248-254.	1.7	34
123	Ankle-Brachial Index and Recurrent Stroke Risk. Stroke, 2016, 47, 317-322.	2.0	33
124	Feasibility and Diagnostic Value of Cardiovascular Magnetic Resonance Imaging After Acute Ischemic Stroke of Undetermined Origin. Stroke, 2017, 48, 1241-1247.	2.0	33
125	Hyperintense Vessels, Collateralization, and Functional Outcome in Patients With Stroke Receiving Endovascular Treatment. Stroke, 2018, 49, 675-681.	2.0	33
126	Serum insulin-like growth factor I and ischemic brain injury. Brain Research, 2007, 1185, 328-335.	2.2	32

#	Article	IF	CITATIONS
127	Troponin elevation in acute ischemic stroke (TRELAS) - protocol of a prospective observational trial. BMC Neurology, 2011, 11, 98.	1.8	32
128	Heart rate on admission independently predicts in-hospital mortality in acute ischemic stroke patients. International Journal of Cardiology, 2014, 176, 206-210.	1.7	32
129	Impact of Anticoagulation before Stroke on Stroke Severity and Long-Term Survival. International Journal of Stroke, 2012, 7, 544-550.	5.9	31
130	Modeling chemotherapy induced neurotoxicity with human induced pluripotent stem cell (iPSC) derived sensory neurons. Neurobiology of Disease, 2021, 155, 105391.	4.4	31
131	Statins and stroke: prevention and beyond. Current Opinion in Neurology, 2011, 24, 75-80.	3.6	30
132	Modifiable cardiovascular risk factors in adults aged 40–79 years in Germany with and without prior coronary heart disease or stroke. BMC Public Health, 2015, 15, 701.	2.9	30
133	Reduced Risk of Poststroke Pneumonia in Thrombolyzed Stroke Patients with Continued Statin Treatment. International Journal of Stroke, 2015, 10, 61-66.	5.9	29
134	Anti-PCSK9 antibodies inhibit pro-atherogenic mechanisms in APOE*3Leiden.CETP mice. Scientific Reports, 2019, 9, 11079.	3.3	29
135	Cervical artery dissection after sports – An analytical evaluation of 190 published cases. European Stroke Journal, 2017, 2, 335-345.	5.5	28
136	Marathon running increases circulating endothelial- and thrombocyte-derived microparticles. European Journal of Preventive Cardiology, 2018, 25, 317-324.	1.8	28
137	Brain health: Key to health, productivity, and wellâ€being. Alzheimer's and Dementia, 2022, 18, 1396-1407.	0.8	27
138	Chapter 2 The ischemic cascade and mediators of ischemic injury. Handbook of Clinical Neurology   Edited By P J Vinken and G W Bruyn, 2008, 92, 31-41.	1.8	26
139	Prediction of Vascular Risk after Stroke â€" Protocol and Pilot Data of the Prospective Cohort with Incident Stroke (PROSCIS). International Journal of Stroke, 2013, 8, 484-490.	5.9	26
140	Statins and risk of poststroke hemorrhagic complications. Neurology, 2016, 86, 1590-1596.	1.1	26
141	Impact of Prehospital Triage Scales to Detect Large Vessel Occlusion on Resource Utilization and Time to Treatment. Stroke, 2018, 49, 439-446.	2.0	26
142	Magnetic resonance imaging of local and remote vascular remodelling after experimental stroke. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2768-2779.	4.3	25
143	Neurological symptoms and complications in predominantly hospitalized COVIDâ€19 patients: Results of the European multinational Lean European Open Survey on SARSâ€Infected Patients (LEOSS). European Journal of Neurology, 2021, 28, 3925-3937.	3.3	25
144	The Acute (Cerebro)Vascular Effects of Statins. Anesthesia and Analgesia, 2009, 109, 572-584.	2.2	24

#	Article	IF	CITATIONS
145	Association Between High-Sensitivity Cardiac Troponin and Risk of Stroke in 96 702 Individuals. Stroke, 2020, 51, 1085-1093.	2.0	24
146	Different Mismatch Concepts for Magnetic Resonance Imaging–Guided Thrombolysis in Unknown Onset Stroke. Annals of Neurology, 2020, 87, 931-938.	<b>5.</b> 3	24
147	Kidney Function and White Matter Disease in Young Stroke Patients. Stroke, 2012, 43, 2382-2388.	2.0	23
148	Automated radial 8-arm maze: A voluntary and stress-free behavior test to assess spatial learning and memory in mice. Behavioural Brain Research, 2020, 381, 112352.	2.2	23
149	Interaction of ARC and Daxx: A Novel Endogenous Target to Preserve Motor Function and Cell Loss after Focal Brain Ischemia in Mice. Journal of Neuroscience, 2016, 36, 8132-8148.	3.6	22
150	Circulating Insulin-like Growth Factor-1 and Insulin-like Growth Factor Binding Protein-3 predict Three-months Outcome after Ischemic Stroke. Experimental and Clinical Endocrinology and Diabetes, 2017, 125, 485-491.	1.2	22
151	Frequency of exercise-induced ST-T-segment deviations and cardiac arrhythmias in recreational endurance athletes during a marathon race: results of the prospective observational Berlin Beat of Running study. BMJ Open, 2017, 7, e015798.	1.9	22
152	Intracerebral Hemorrhage and Outcome After Thrombolysis in Stroke Patients Using Selective Serotonin-Reuptake Inhibitors. Stroke, 2017, 48, 3239-3244.	2.0	22
153	A call for a global COVID-19 Neuro Research Coalition. Lancet Neurology, The, 2020, 19, 482-484.	10.2	22
154	Clinical significance of acute and chronic ischaemic lesions in multiple cerebral vascular territories. European Radiology, 2019, 29, 1338-1347.	4.5	21
155	Characteristics in Non–Vitamin K Antagonist Oral Anticoagulant–Related Intracerebral Hemorrhage. Stroke, 2019, 50, 1392-1402.	2.0	21
156	Neurological update: use of cardiac troponin in patients with stroke. Journal of Neurology, 2021, 268, 2284-2292.	3.6	21
157	Lipoprotein(a) Levels and Recurrent Vascular Events After First Ischemic Stroke. Stroke, 2017, 48, 36-42.	2.0	20
158	High-sensitivity cardiac troponin T and severity of cerebral white matter lesions in patients with acute ischemic stroke. Journal of Neurology, 2019, 266, 37-45.	3.6	20
159	Endothelial and Leukocyte-Derived Microvesicles and Cardiovascular Risk After Stroke. Neurology, 2021, 96, e937-e946.	1.1	19
160	Effects of Prehospital Thrombolysis in Stroke Patients With Prestroke Dependency. Stroke, 2018, 49, 646-651.	2.0	18
161	Heparin for prophylaxis of venous thromboembolism in intracerebral haemorrhage. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 783-791.	1.9	18
162	Quantitative Signal Intensity in Fluid-Attenuated Inversion Recovery and Treatment Effect in the WAKE-UP Trial. Stroke, 2020, 51, 209-215.	2.0	18

#	Article	IF	CITATIONS
163	High-Sensitivity Cardiac Troponin T for Risk Stratification in Patients With Embolic Stroke of Undetermined Source. Stroke, 2020, 51, 2386-2394.	2.0	18
164	High-Sensitivity Cardiac Troponin T and Cognitive Function in Patients With Ischemic Stroke. Stroke, 2020, 51, 1604-1607.	2.0	18
165	Impact of Statins on Hematoma, Edema, Seizures, Vascular Events, and Functional Recovery After Intracerebral Hemorrhage. Stroke, 2021, 52, 975-984.	2.0	18
166	Repression of telomere-associated genes by microglia activation in neuropsychiatric disease. European Archives of Psychiatry and Clinical Neuroscience, 2017, 267, 473-477.	3.2	17
167	Effect of informed consent on patient characteristics in a stroke thrombolysis trial. Neurology, 2017, 89, 1400-1407.	1.1	17
168	Predictors of new remote cerebral microbleeds after IV thrombolysis for ischemic stroke. Neurology, 2019, 92, e630-e638.	1.1	17
169	Striatal Infarction Elicits Secondary Extrafocal MRI Changes in Ipsilateral Substantia Nigra. PLoS ONE, 2015, 10, e0136483.	2.5	17
170	Mild brain ischemia induces unique physiological properties in striatal astrocytes. Glia, 2008, 56, 925-934.	4.9	16
171	Cardiological evaluation after cerebral ischaemia. Clinical Research in Cardiology, 2010, 99, 609-625.	3.3	16
172	Folate deficiency increases mtDNA and D-1 mtDNA deletion in aged brain of mice lacking uracil-DNA glycosylase. Experimental Neurology, 2011, 228, 253-258.	4.1	16
173	Should Statins Be Paused or Discontinued After Thrombolysis or Acute Intracerebral Hemorrhage? No!. Stroke, 2013, 44, 1472-1476.	2.0	15
174	Faim2 contributes to neuroprotection by erythropoietin in transient brain ischemia. Journal of Neurochemistry, 2018, 145, 258-270.	3.9	15
175	Suramin-Induced Neurotoxicity: Preclinical Models and Neuroprotective Strategies. Molecules, 2018, 23, 346.	3.8	15
176	Cardiovascular care of patients with stroke and high risk of stroke: The need for interdisciplinary action: A consensus report from the European Society of Cardiology Cardiovascular Round Table. European Journal of Preventive Cardiology, 2020, 27, 682-692.	1.8	15
177	Retinoic acid as target for local pharmacokinetic interaction with modafinil in neural cells. European Archives of Psychiatry and Clinical Neuroscience, 2012, 262, 697-704.	3.2	14
178	HEart and BRain interfaces in Acute ischemic Stroke (HEBRAS) – rationale and design of a prospective oberservational cohort study. BMC Neurology, 2015, 15, 213.	1.8	14
179	Dual PPARÎ $\pm$ Î <sup>3</sup> agonist aleglitazar confers stroke protection in a model of mild focal brain ischemia in mice. Journal of Molecular Medicine, 2019, 97, 1127-1138.	3.9	14
180	Preserved structural connectivity mediates the clinical effect of thrombolysis in patients with anterior-circulation stroke. Nature Communications, 2021, 12, 2590.	12.8	14

#	Article	IF	CITATIONS
181	Lithium inhibits tryptophan catabolism via the inflammationâ€induced kynurenine pathway in human microglia. Glia, 2022, 70, 558-571.	4.9	14
182	Stroke Damage in Mice after Knocking the Neutrophin-4 Gene into the Brain-Derived Neurotrophic Factor Locus. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 150-153.	4.3	13
183	Cerebellar neurochemical alterations in spinocerebellar ataxia type 14 appear to include glutathione deficiency. Journal of Neurology, 2015, 262, 1927-1935.	3.6	13
184	Special topic section: linkages among cerebrovascular, cardiovascular, and cognitive disorders: Preventing dementia by preventing stroke: The Berlin Manifesto. International Journal of Stroke, 2019, 174749301987191.	<b>5.</b> 9	13
185	Deletion of muscarinic acetylcholine receptor 3 in microglia impacts brain ischemic injury. Brain, Behavior, and Immunity, 2021, 91, 89-104.	4.1	13
186	Spinocerebellar ataxia type 14: refining clinicogenetic diagnosis in a rare adultâ€onset disorder. Annals of Clinical and Translational Neurology, 2021, 8, 774-789.	3.7	13
187	Neuronal injury: folate to the rescue?. Journal of Clinical Investigation, 2010, 120, 1383-1386.	8.2	13
188	Clinical correlates and prognostic impact of neurologic disorders in Takotsubo syndrome. Scientific Reports, 2021, 11, 23555.	3.3	13
189	Impact of Particulate Matter Exposition on the Risk of Ischemic Stroke: Epidemiologic Evidence and Putative Mechanisms. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 215-220.	4.3	12
190	Sensory stimulation in acute stroke therapy. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1682-1689.	4.3	12
191	Association Between Thrombus Perviousness Assessed on Computed Tomography and Stroke Cause. Stroke, 2020, 51, 3613-3622.	2.0	12
192	Frequency and phenotype of thalamic aphasia. Journal of Neurology, 2022, 269, 368-376.	3.6	12
193	Endovascular Procedures versus Intravenous Thrombolysis in Stroke with Tandem Occlusion of the Anterior Circulation. Journal of Vascular and Interventional Radiology, 2014, 25, 1165-1170.	0.5	11
194	Association of Intraventricular Fibrinolysis With Clinical Outcomes in Intracerebral Hemorrhage: An Individual Participant Data Meta-Analysis. Stroke, 2022, 53, 2876-2886.	2.0	11
195	Safety of Thrombolysis in Patients With Acute Ischemic Stroke and Cerebral Cavernous Malformations. Stroke, 2014, 45, 1846-1848.	2.0	10
196	Impact of chronic inflammatory airway disease on stroke severity and long-term survival after ischemic stroke - a retrospective analysis. BMC Neurology, 2015, 15, 164.	1.8	10
197	Cellular heterogeneity contributes to subtype-specific expression of ZEB1 in human glioblastoma. PLoS ONE, 2017, 12, e0185376.	2.5	10
198	Cardiac Magnetic Resonance Imaging in Patients with Acute Ischemic Stroke and Elevated Troponin: A TRoponin ELevation in Acute Ischemic Stroke (TRELAS) Sub-Study. Cerebrovascular Diseases Extra, 2019, 9, 19-24.	1.5	10

#	Article	IF	Citations
199	Cardiomyocyte Injury Following Acute Ischemic Stroke: Protocol for a Prospective Observational Cohort Study. JMIR Research Protocols, 2021, 10, e24186.	1.0	10
200	Highâ€Sensitivity Cardiac Troponin T and Recurrent Vascular Events After First Ischemic Stroke. Journal of the American Heart Association, 2021, 10, e018326.	3.7	10
201	The Medical Case for the Development of an Intravenous Statin Formulation – Beyond Ischemic Stroke. Cerebrovascular Diseases, 2008, 25, 593-594.	1.7	9
202	Biomarkers and perfusion – training-induced changes after stroke (BAPTISe): protocol of an observational study accompanying a randomized controlled trial. BMC Neurology, 2013, 13, 197.	1.8	9
203	Rodent models for gait network disorders in Parkinson's disease – a translational perspective. Experimental Neurology, 2022, 352, 114011.	4.1	9
204	Heart Rate Variability and Recurrent Stroke and Myocardial Infarction in Patients With Acute Mild to Moderate Stroke. Frontiers in Neurology, 2021, 12, 772674.	2.4	9
205	Early in-hospital exposure to statins and outcome after intracerebral haemorrhage – Results from the Virtual International Stroke Trials Archive. European Stroke Journal, 2020, 5, 85-93.	5.5	8
206	PRediction of acute coronary syndrome in acute ischemic StrokE (PRAISE) – protocol of a prospective, multicenter trial with central reading and predefined endpoints. BMC Neurology, 2020, 20, 318.	1.8	8
207	Influence of Pigment Epithelium-Derived Factor on Outcome after Striatal Cerebral Ischemia in the Mouse. PLoS ONE, 2014, 9, e114595.	2.5	8
208	Refining humane endpoints in mouse models of disease by systematic review and machine learning-based endpoint definition. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 555-571.	1.5	8
209	Early recognition and treatment of pre-VITT syndrome after adenoviral vector-based SARS-CoV-2 vaccination may prevent from thrombotic complications: review of published cases and clinical pathway. European Heart Journal Open, 2022, 2, .	2.3	8
210	MRI Brain Changes After Marathon Running: Results of the Berlin Beat of Running Study. International Journal of Sports Medicine, 2019, 40, 856-862.	1.7	7
211	The heart of the matter: a link between troponin and dementia?. European Heart Journal, 2014, 35, 1779-1781.	2.2	6
212	Copeptin: Limited Usefulness in Early Stroke Differentiation?. Stroke Research and Treatment, 2015, 2015, 1-4.	0.8	6
213	Direct inhibition of retinoic acid catabolism by fluoxetine. Journal of Neural Transmission, 2015, 122, 1329-1338.	2.8	6
214	Oral anticoagulation in patients with atrial fibrillation and acute ischaemic stroke: design and baseline data of the prospective multicentre Berlin Atrial Fibrillation Registry. Europace, 2019, 21, 1621-1632.	1.7	6
215	Reduced Hippocampal Neurogenesis in Mice Deficient in Apoptosis Repressor with Caspase Recruitment Domain (ARC). Neuroscience, 2019, 416, 20-29.	2.3	6
216	Unraveling the steroid hormone response in male marathon runners: Correlation of running time with aldosterone and progesterone. Journal of Steroid Biochemistry and Molecular Biology, 2019, 195, 105473.	2.5	6

#	Article	IF	CITATIONS
217	A Semiquantitative Non-invasive Measurement of PcomA Patency in C57BL/6 Mice Explains Variance in Ischemic Brain Damage in Filament MCAo. Frontiers in Neuroscience, 2020, 14, 576741.	2.8	6
218	Evaluation of left ventricular function in patients with acute ischaemic stroke using cine cardiovascular magnetic resonance imaging. ESC Heart Failure, 2020, 7, 2572-2580.	3.1	6
219	Cardiac Troponin and Recurrent Major Vascular Events after Minor Stroke or Transient Ischemic Attack. Annals of Neurology, 2021, 90, 901-912.	<b>5.</b> 3	6
220	Stage 1 Registered Report: Effect of deficient phagocytosis on neuronal survival and neurological outcome after temporary middle cerebral artery occlusion (tMCAo). F1000Research, 2017, 6, 1827.	1.6	6
221	Intravenous immunoglobulins for treatment of severe COVID-19-related acute encephalopathy. Journal of Neurology, 2022, 269, 4013-4020.	3.6	6
222	Impact of atrial fibrillation burden on cognitive function after left atrial ablation – Results of the MACPAF study. Journal of Clinical Neuroscience, 2020, 73, 168-172.	1.5	5
223	Game-theoretical mapping of fundamental brain functions based on lesion deficits in acute stroke. Brain Communications, 2021, 3, fcab204.	3.3	5
224	Diagnostic pitfall: wound botulism in an intoxicated intravenous drug abuser presenting with respiratory failure. Intensive Care Medicine, 2007, 33, 1301-1301.	8.2	4
225	Loop Recorder Detected High Rate of Atrial Fibrillation Recurrence after a Single Balloon- or Basket-Based Ablation of Paroxysmal Atrial Fibrillation: Results of the MACPAF Study. Frontiers in Cardiovascular Medicine, 2017, 4, 4.	2.4	4
226	Cost Effectiveness of Interhospital Transfer for Mechanical Thrombectomy of Acute Large Vessel Occlusion Stroke. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e007444.	2.2	4
227	Diffusion-Weighted Imaging and Fluid-Attenuated Inversion Recovery Quantification to Predict Diffusion-Weighted Imaging-Fluid-Attenuated Inversion Recovery Mismatch Status in Ischemic Stroke With Unknown Onset. Stroke, 2022, 53, 1665-1673.	2.0	4
228	Smoking Does Not Alter Treatment Effect of Intravenous Thrombolysis in Mild to Moderate Acute Ischemic Stroke—A Dutch String-of-Pearls Institute (PSI) Stroke Study. Frontiers in Neurology, 2020, 11, 786.	2.4	3
229	Investigation of Visual System Involvement in Spinocerebellar Ataxia Type 14. Cerebellum, 2020, 19, 469-482.	2.5	3
230	No effects of PCSK9-inhibitor treatment on spatial learning, locomotor activity, and novel object recognition in mice. Behavioural Brain Research, 2021, 396, 112875.	2.2	3
231	Reversible Edema in the Penumbra Correlates With Severity of Hypoperfusion. Stroke, 2021, 52, 2338-2346.	2.0	3
232	No Association Between Thrombus Perviousness and Cardioembolic Stroke Etiology in Basilar Artery Occlusion Stroke. Frontiers in Neurology, 2021, 12, 712449.	2.4	3
233	High-Sensitivity Cardiac Troponin T and Cognitive Decline in Older Adults: Results of the Berlin Aging Study II. Gerontology, 2023, 69, 140-148.	2.8	3
234	Oral administration of a novel lipophilic PPARδ agonist is not neuroprotective after rodent cerebral ischemia. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 174-185.	4.3	2

#	Article	IF	CITATIONS
235	The cytoskeleton in â€~couch potato-ism': Insights from a murine model of impaired actin dynamics. Experimental Neurology, 2018, 306, 34-44.	4.1	2
236	Effects of Inhibition or Deletion of PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9) on Intracerebral Hemorrhage Volumes in Mice. Stroke, 2020, 51, e297-e298.	2.0	2
237	Temporal Trends in Pharmacological Stroke Prevention in Patients with Acute Ischemic Stroke and Known Atrial Fibrillation. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105266.	1.6	2
238	Two simple and rapid methods based on maximum diameter accurately estimate large lesion volumes in acute stroke. Brain and Behavior, 2020, 10, e01828.	2.2	2
239	Dataset for: Modeling chemotherapy induced neurotoxicity with human induced pluripotent stem cell (iPSC)-derived sensory neurons. Data in Brief, 2021, 38, 107320.	1.0	2
240	Pre-hospital Triage of Acute Ischemic Stroke Patientsâ€"Importance of Considering More Than Two Transport Options. Frontiers in Neurology, 2019, 10, 437.	2.4	1
241	Evaluation of Cerebral Thromboembolism After Transcatheter Aortic Valve Replacement (EARTH TAVR): A Serial Magnetic Resonance Imaging Evaluation as Substudy of the GALILEO Trial. Circulation: Cardiovascular Interventions, 2021, 14, e011074.	3.9	1
242	Zfp580 Regulates Paracrine and Endocrine lgf1 and lgfbp3 Differently in the Brain and Blood After a Murine Stroke. Frontiers in Physiology, 2022, 13, 887180.	2.8	1
243	Patient-Centered Outcomes in a Randomized Trial Investigating a Multimodal Prevention Program After Transient Ischemic Attack or Minor Stroke: The INSPiRE-TMS Trial. Stroke, 0, , .	2.0	1
244	Endothelial Nitric Oxide Synthase – A Target for Stroke Protection by Statins. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2008, 8, 162-166.	0.5	0
245	Das Centrum fýr Schlaganfallforschung Berlin (CSB). E-Neuroforum, 2009, 15, 132-135.	0.1	0
246	MPTH-08ZEB1 IS UBIQUITOUSLY EXPRESSED ACROSS SUBTYPES IN HUMAN GLIOBLASTOMA AND A SURROGATE MARKER OF TUMOR PURITY. Neuro-Oncology, 2015, 17, v139.3-v139.	1.2	0
247	Myocardial injury in acute ischemic stroke. Clinical and Translational Neuroscience, 2021, 5, 2514183X2110185.	0.9	0
248	Physical activity promotes angio- and vasculogenesis in the post-ischemic brain. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S209-S209.	4.3	0
249	Hyperactive and anxious phenotype following brief ischemic episodes in mice. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S533-S533.	4.3	0
250	Long-term effects of chronic statin treatment in the post-ischemic brain. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S1-S1.	4.3	0
251	Nestin-expressing cells divide and adopt a complex electrophysiological phenotype after transient brain ischemia. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S495-S495.	4.3	0
252	Coronary angiography in acute ischemic stroke patients: frequency and determinants of pathological findings in a multicenter cohort study. Journal of Neurology, 2022, , 1.	3.6	0

#	Article	IF	CITATIONS
253	Combined Oral Triglyceride and Glucose Tolerance Test After Acute Ischemic Stroke to Predict Recurrent Vascular Events: The Berlin "Cream&Sugar―Study. Stroke, 2022, , 101161STROKEAHA122038732.	2.0	O
254	Levels and Dynamics of estimated Glomerular Filtration Rate and Recurrent Vascular Events and Death in Patients with Minor Stroke or <scp>TIA</scp> . European Journal of Neurology, 0, , .	3.3	0