

Otto W Witte

List of Publications by Year in descending order

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577
papers

27,822
citations

7568

77
h-index

11308

136
g-index

638
all docs

638
docs citations

638
times ranked

32350
citing authors

#	ARTICLE	IF	CITATIONS
1	Aspirin and Extended-Release Dipyridamole versus Clopidogrel for Recurrent Stroke. <i>New England Journal of Medicine</i> , 2008, 359, 1238-1251.	27.0	882
2	Pioglitazone after Ischemic Stroke or Transient Ischemic Attack. <i>New England Journal of Medicine</i> , 2016, 374, 1321-1331.	27.0	877
3	Genome-Wide Association Analysis Identifies Variants Associated with Nonalcoholic Fatty Liver Disease That Have Distinct Effects on Metabolic Traits. <i>PLoS Genetics</i> , 2011, 7, e1001324.	3.5	796
4	Telmisartan to Prevent Recurrent Stroke and Cardiovascular Events. <i>New England Journal of Medicine</i> , 2008, 359, 1225-1237.	27.0	703
5	NXY-059 for Acute Ischemic Stroke. <i>New England Journal of Medicine</i> , 2006, 354, 588-600.	27.0	632
6	Noninvasive Assessment of Cerebral Perfusion and Oxygenation in Acute Ischemic Stroke by Near-Infrared Spectroscopy. <i>European Neurology</i> , 2009, 62, 338-343.	1.4	569
7	Dabigatran for Prevention of Stroke after Embolic Stroke of Undetermined Source. <i>New England Journal of Medicine</i> , 2019, 380, 1906-1917.	27.0	568
8	Genome-wide association analyses identify new risk variants and the genetic architecture of amyotrophic lateral sclerosis. <i>Nature Genetics</i> , 2016, 48, 1043-1048.	21.4	494
9	Anticoagulant Reversal, Blood Pressure Levels, and Anticoagulant Resumption in Patients With Anticoagulation-Related Intracerebral Hemorrhage. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 824.	7.4	447
10	Effects of aspirin plus extended-release dipyridamole versus clopidogrel and telmisartan on disability and cognitive function after recurrent stroke in patients with ischaemic stroke in the Prevention Regimen for Effectively Avoiding Second Strokes (PRoFESS) trial: a double-blind, active and placebo-controlled study. <i>Lancet Neurology</i> , The, 2008, 7, 875-884.	10.2	310
11	The continuum of spreading depolarizations in acute cortical lesion development: Examining Leão's legacy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1571-1594.	4.3	297
12	Handedness and Asymmetry of Hand Representation in Human Motor Cortex. <i>Journal of Neurophysiology</i> , 1998, 79, 2149-2154.	1.8	287
13	Neuronal Hyperexcitability and Reduction of GABA _A -Receptor Expression in the Surround of Cerebral Photothrombosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 906-914.	4.3	283
14	Lymphocytic Infiltration and Expression of Intercellular Adhesion Molecule-1 in Photochemically Induced Ischemia of the Rat Cortex. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995, 15, 42-51.	4.3	273
15	Local immune responses in the rat cerebral cortex after middle cerebral artery occlusion. <i>Journal of Neuroimmunology</i> , 1994, 55, 195-203.	2.3	261
16	Recording, analysis, and interpretation of spreading depolarizations in neurointensive care: Review and recommendations of the COSBID research group. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1595-1625.	4.3	255
17	Functional Differentiation of Multiple Perilesional Zones after Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 1149-1165.	4.3	232
18	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. <i>Nature Genetics</i> , 2021, 53, 1636-1648.	21.4	223

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19	Identification of Ischemic Regions in a Rat Model of Stroke. PLoS ONE, 2009, 4, e4764.	2.5	208
20	Intrinsic optical signals in rat neocortical slices measured with near- infrared dark-field microscopy reveal changes in extracellular space. Journal of Neuroscience, 1996, 16, 2740-2749.	3.6	203
21	Increased long-term potentiation in the surround of experimentally induced focal cortical infarction. Annals of Neurology, 1998, 44, 255-258.	5.3	196
22	Electrophysiological Transcortical Diaschisis After Cortical Photothrombosis in Rat Brain. Stroke, 1996, 27, 1105-1111.	2.0	195
23	GABA depolarizes immature neurons and inhibits network activity in the neonatal neocortex in vivo. Nature Communications, 2015, 6, 7750.	12.8	187
24	Acute Cerebrovascular Disease in the Young. Stroke, 2013, 44, 340-349.	2.0	186
25	Terutroban versus aspirin in patients with cerebral ischaemic events (PERFORM): a randomised, double-blind, parallel-group trial. Lancet, The, 2011, 377, 2013-2022.	13.7	185
26	Neurofilament markers for ALS correlate with extent of upper and lower motor neuron disease. Neurology, 2017, 88, 2302-2309.	1.1	169
27	Prefrontal asymmetric interictal glucose hypometabolism and cognitive impairment in patients with temporal lobe epilepsy. Brain, 1997, 120, 2283-2294.	7.6	168
28	Cortical Spreading Depression Induces Proinflammatory Cytokine Gene Expression in the Rat Brain. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 218-225.	4.3	161
29	A Gene for Autosomal Dominant Paroxysmal Choreoathetosis/Spasticity (CSE) Maps to the Vicinity of a Potassium Channel Gene Cluster on Chromosome 1p, Probably within 2 cM between D1S443 and D1S197. Genomics, 1996, 31, 90-94.	2.9	160
30	Functional organization of the brain with malformations of cortical development. Annals of Neurology, 2003, 53, 759-767.	5.3	156
31	Topography of interictal glucose hypometabolism in unilateral mesiotemporal epilepsy. Neurology, 1996, 46, 1422-1422.	1.1	151
32	Sensory feedback prosthesis reduces phantom limb pain: Proof of a principle. Neuroscience Letters, 2012, 507, 97-100.	2.1	150
33	Phagocytic Response in Photochemically Induced Infarction of Rat Cerebral Cortex. Stroke, 1997, 28, 382-386.	2.0	148
34	A Novel Role of Vasopressin in the Brain: Modulation of Activity-Dependent Water Flux in the Neocortex. Journal of Neuroscience, 2001, 21, 3045-3051.	3.6	143
35	Changes in neocortical and hippocampal GABA _A receptor subunit distribution during brain maturation and aging. Brain Research, 2006, 1099, 73-81.	2.2	141
36	Safety of Tirofiban in Acute Ischemic Stroke. Stroke, 2011, 42, 2388-2392.	2.0	139

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37	Lesion-induced plasticity as a potential mechanism for recovery and rehabilitative training. <i>Current Opinion in Neurology</i> , 1998, 11, 655-662.	3.6	137
38	Functional significance of age-related differences in motor activation patterns. <i>NeuroImage</i> , 2006, 32, 1345-1354.	4.2	136
39	Transfer of maternal psychosocial stress to the fetus. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 185-197.	6.1	135
40	High frequency of partial SPAST deletions in autosomal dominant hereditary spastic paraplegia. <i>Neurology</i> , 2006, 67, 1926-1930.	1.1	133
41	Differential Downregulation of GABA _A Receptor Subunits in Widespread Brain Regions in the Freeze-Lesion Model of Focal Cortical Malformations. <i>Journal of Neuroscience</i> , 2000, 20, 5045-5053.	3.6	132
42	Vulnerability of the fetal primate brain to moderate reduction in maternal global nutrient availability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3011-3016.	7.1	132
43	Branched-chain amino acid catabolism is a conserved regulator of physiological ageing. <i>Nature Communications</i> , 2015, 6, 10043.	12.8	132
44	Long-term anticonvulsant therapy leads to low bone mineral density – evidence for direct drug effects of phenytoin and carbamazepine on human osteoblast-like cells. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012, 108, 37-43.	1.2	131
45	Downregulation of Potassium Chloride Cotransporter KCC2 After Transient Focal Cerebral Ischemia. <i>Stroke</i> , 2010, 41, e151-9.	2.0	125
46	Widespread and Long-Lasting Alterations in GABA _A -Receptor Subtypes after Focal Cortical Infarcts in Rats: Mediation by NMDA-Dependent Processes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 1463-1475.	4.3	119
47	Different Mechanisms of Secondary Neuronal Damage in Thalamic Nuclei After Focal Cerebral Ischemia in Rats. <i>Stroke</i> , 2002, 33, 3006-3011.	2.0	118
48	Family satisfaction in the intensive care unit: a quantitative and qualitative analysis. <i>Intensive Care Medicine</i> , 2013, 39, 1071-1079.	8.2	114
49	Association of prothrombin complex concentrate administration and hematoma enlargement in non-vitamin K antagonist oral anticoagulant-related intracerebral hemorrhage. <i>Annals of Neurology</i> , 2018, 83, 186-196.	5.3	114
50	Behavioral correlates of negative BOLD signal changes in the primary somatosensory cortex. <i>NeuroImage</i> , 2008, 41, 1364-1371.	4.2	113
51	Attenuated Inflammatory Response in Triggering Receptor Expressed on Myeloid Cells 2 (TREM2) Knock-Out Mice following Stroke. <i>PLoS ONE</i> , 2013, 8, e52982.	2.5	112
52	Early treatment with aspirin plus extended-release dipyridamole for transient ischaemic attack or ischaemic stroke within 24 h of symptom onset (EARLY trial): a randomised, open-label, blinded-endpoint trial. <i>Lancet Neurology</i> , The, 2010, 9, 159-166.	10.2	111
53	Falls and gait disorders in geriatric neurology. <i>Clinical Neurology and Neurosurgery</i> , 2010, 112, 265-274.	1.4	107
54	Muscle ultrasound for early assessment of critical illness neuromyopathy in severe sepsis. <i>Critical Care</i> , 2013, 17, R227.	5.8	104

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55	Periinfarct and Remote Excitability Changes after Transient Middle Cerebral Artery Occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 45-52.	4.3	102
56	Expression of the Na ⁺ -Glucose Cotransporter SGLT1 in Neurons. <i>Journal of Neurochemistry</i> , 1997, 69, 84-94.	3.9	101
57	Motor improvements after focal cortical ischemia in adult rats are mediated by compensatory mechanisms. <i>Behavioural Brain Research</i> , 2005, 162, 71-82.	2.2	101
58	Thalamocortical connectivity during resting state in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 111-119.	3.2	100
59	Perception of phrase structure in music. <i>Human Brain Mapping</i> , 2005, 24, 259-273.	3.6	99
60	Suppression of astroglial scar formation and enhanced axonal regeneration associated with functional recovery in a spinal cord injury rat model by the cell cycle inhibitor olomoucine. <i>Journal of Neuroscience Research</i> , 2006, 84, 1053-1063.	2.9	98
61	Early Disruption of the Blood-Brain Barrier After Thrombolytic Therapy Predicts Hemorrhage in Patients With Acute Stroke. <i>Stroke</i> , 2008, 39, 2385-2387.	2.0	97
62	Astroglial responses in photochemically induced focal ischemia of the rat cortex. <i>Experimental Brain Research</i> , 1995, 106, 1-6.	1.5	95
63	Age-related effects on hippocampal precursor cell subpopulations and neurogenesis. <i>Neurobiology of Aging</i> , 2011, 32, 1906-1914.	3.1	95
64	Widespread up-regulation of N-methyl-d-aspartate receptors after focal photothrombotic lesion in rat brain. <i>Neuroscience Letters</i> , 1999, 273, 77-80.	2.1	94
65	Transcriptomic alterations during ageing reflect the shift from cancer to degenerative diseases in the elderly. <i>Nature Communications</i> , 2018, 9, 327.	12.8	94
66	Directed spatial potassium redistribution in rat neocortex. , 2000, 29, 288-292.		92
67	Mechanisms and regulation of surface interactions and biofilm formation in <i>Agrobacterium</i> . <i>Frontiers in Plant Science</i> , 2014, 5, 176.	3.6	92
68	Electrophysiological changes in the surrounding brain tissue of photochemically induced cortical infarcts in the rat. <i>Neuroscience Letters</i> , 1993, 155, 69-72.	2.1	91
69	Electrophysiological transcortical diaschisis after middle cerebral artery occlusion (MCAO) in rats. <i>Neuroscience Letters</i> , 1999, 261, 85-88.	2.1	91
70	Identification of CD166 as a Surface Marker for Enriching Prostate Stem/Progenitor and Cancer Initiating Cells. <i>PLoS ONE</i> , 2012, 7, e42564.	2.5	91
71	Association of Surgical Hematoma Evacuation vs Conservative Treatment With Functional Outcome in Patients With Cerebellar Intracerebral Hemorrhage. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1392.	7.4	91
72	Attenuated Inflammatory Response in Aged Mice Brains following Stroke. <i>PLoS ONE</i> , 2011, 6, e26288.	2.5	90

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73	Loss of GABAergic neurons in the subiculum and its functional implications in temporal lobe epilepsy. <i>Brain</i> , 2008, 131, 1516-1527.	7.6	89
74	Heterogeneity of the microglial response in photochemically induced focal ischemia of the rat cerebral cortex. <i>Neuroscience</i> , 1999, 89, 1367-1377.	2.3	88
75	Muscle ultrasonography as an additional diagnostic tool for the diagnosis of amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2015, 126, 820-827.	1.5	88
76	Cellular correlates of neuronal hyperexcitability in the vicinity of photochemically induced cortical infarcts in rats in vitro. <i>Neuroscience Letters</i> , 1995, 193, 101-104.	2.1	87
77	Extended brain disinhibition following small photothrombotic lesions in rat frontal cortex. <i>NeuroReport</i> , 1997, 8, 519-522.	1.2	87
78	Functional organization of the auditory cortex is different in stutterers and fluent speakers. <i>NeuroReport</i> , 1998, 9, 2225-2229.	1.2	87
79	Ultrasound differentiation of axonal and demyelinating neuropathies. <i>Muscle and Nerve</i> , 2014, 50, 976-983.	2.2	87
80	Dissecting Aging and Senescence – Current Concepts and Open Lessons. <i>Cells</i> , 2019, 8, 1446.	4.1	86
81	Changes in Brain Size during the Menstrual Cycle. <i>PLoS ONE</i> , 2011, 6, e14655.	2.5	82
82	Bihemispheric reduction of GABA _A receptor binding following focal cortical photothrombotic lesions in the rat brain. <i>Brain Research</i> , 1998, 813, 374-380.	2.2	81
83	Delayed Shrinkage of the Brain After Ischemic Stroke: Preliminary Observations With Voxel-Guided Morphometry. <i>Journal of Neuroimaging</i> , 2004, 14, 265-272.	2.0	81
84	Bilateral reductions of hippocampal volume, glucose metabolism, and Wada hemispheric memory performance are related to the duration of mesial temporal lobe epilepsy. <i>Journal of Neurology</i> , 1999, 246, 926-933.	3.6	79
85	Hashimoto's encephalopathy: steroid resistance and response to intravenous immunoglobulins. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 455-456.	1.9	79
86	Localized Reversible Reduction of Apparent Diffusion Coefficient in Transient Hypoglycemia-Induced Hemiparesis. <i>Stroke</i> , 2005, 36, e20-2.	2.0	79
87	Aberrant Neurogenesis After Stroke. <i>Stroke</i> , 2012, 43, 2468-2475.	2.0	79
88	Suppression of focal epileptiform discharges by intraventricular perfusion of a calcium antagonist. <i>Electroencephalography and Clinical Neurophysiology</i> , 1985, 61, 299-309.	0.3	77
89	Management of therapeutic anticoagulation in patients with intracerebral haemorrhage and mechanical heart valves. <i>European Heart Journal</i> , 2018, 39, 1709-1723.	2.2	76
90	Epileptic seizures triggered directly by focal transcranial magnetic stimulation. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995, 94, 19-25.	0.3	75

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91	Polarized light imaging of white matter architecture. <i>Microscopy Research and Technique</i> , 2007, 70, 851-863.	2.2	75
92	Levetiracetam as a treatment option in non-convulsive status epilepticus. <i>Epilepsy Research</i> , 2007, 73, 238-244.	1.6	75
93	Immunohistochemical evidence for dysregulation of the GABAergic system ipsilateral to photochemically induced cortical infarcts in rats. <i>Neuroscience</i> , 1998, 87, 871-879.	2.3	74
94	Transient Increase of Manganese-Superoxide Dismutase in Remote Brain Areas After Focal Photothrombotic Cortical Lesion. <i>Stroke</i> , 1998, 29, 203-211.	2.0	74
95	Different cortical organization of visceral and somatic sensation in humans. <i>European Journal of Neuroscience</i> , 1999, 11, 305-315.	2.6	73
96	Anodal transcranial direct current stimulation (tDCS) over supplementary motor area (SMA) but not pre-SMA promotes short-term visuomotor learning. <i>Brain Stimulation</i> , 2013, 6, 101-107.	1.6	73
97	Motor cortical epileptic foci in vivo: actions of a calcium channel blocker on paroxysmal neuronal depolarizations. <i>Electroencephalography and Clinical Neurophysiology</i> , 1987, 66, 43-55.	0.3	71
98	Adverse Effects of Antenatal Glucocorticoids on Cerebral Myelination in Sheep. <i>Obstetrics and Gynecology</i> , 2009, 113, 142-151.	2.4	71
99	Decreased olfactory bulb volume in idiopathic Parkinson's disease detected by 3.0-Tesla magnetic resonance imaging. <i>Movement Disorders</i> , 2012, 27, 1019-1025.	3.9	71
100	Surface-based analysis increases the specificity of cortical activation patterns and connectivity results. <i>Scientific Reports</i> , 2020, 10, 5737.	3.3	70
101	Microarray-based long-term detection of genes differentially expressed after cortical spreading depression. <i>European Journal of Neuroscience</i> , 2006, 24, 841-856.	2.6	69
102	Localization of the Na ⁺ -d-glucose cotransporter SGLT1 in the blood-brain barrier. <i>Histochemistry and Cell Biology</i> , 2004, 121, 201-207.	1.7	68
103	Perilesional pathological oscillatory activity in the magnetoencephalogram of patients with cortical brain lesions. <i>Neuroscience Letters</i> , 2004, 355, 93-96.	2.1	68
104	Outcome after decompressive craniectomy in patients with severe ischemic stroke. <i>Acta Neurochirurgica</i> , 2006, 148, 31-37.	1.7	68
105	Effects of Skilled Forelimb Training on Hippocampal Neurogenesis and Spatial Learning After Focal Cortical Infarcts in the Adult Rat Brain. <i>Stroke</i> , 2007, 38, 2833-2840.	2.0	68
106	Interaction of finger representation in the human first somatosensory cortex: a neuromagnetic study. <i>Neuroscience Letters</i> , 1998, 251, 13-16.	2.1	67
107	Gene Expression Profiling in Perilesional and Contralateral Areas after Ischemia in Rat Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 153-160.	4.3	67
108	Up-regulation of Connexin43 in the glial scar following photothrombotic ischemic injury. <i>Molecular and Cellular Neurosciences</i> , 2007, 35, 89-99.	2.2	67

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109	Structural alterations and changes in cytoskeletal proteins and proteoglycans after focal cortical ischemia. <i>Neuroscience</i> , 1997, 82, 397-420.	2.3	65
110	Changes in GABAA and GABAB receptor binding following cortical photothrombosis: a quantitative receptor autoradiographic study. <i>Neuroscience</i> , 1999, 93, 1233-1240.	2.3	65
111	Gene Expression Profiling in the Intact and Injured Brain Following Environmental Enrichment. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 598-609.	1.7	65
112	Proliferative Response of Microglia and Macrophages in the Adult Mouse Eye after Optic Nerve Lesion. , 2010, 51, 2686.		65
113	Smoking cessation and outcome after ischemic stroke or TIA. <i>Neurology</i> , 2017, 89, 1723-1729.	1.1	65
114	Neurogenesis in the adult dentate gyrus after cortical infarcts: Effects of infarct location, N-methyl-d-aspartate receptor blockade and anti-inflammatory treatment. <i>Neuroscience</i> , 2005, 135, 723-735.	2.3	64
115	Rationale and Design of a Randomized, Double-Blind, Parallel-Group Study of Terutroban 30 mg/day versus Aspirin 100 mg/day in Stroke Patients: The Prevention of Cerebrovascular and Cardiovascular Events of Ischemic Origin with Terutroban in Patients with a History of Ischemic Stroke or Transient Ischemic Attack (PERFORM) Study. <i>Cerebrovascular Diseases</i> , 2009, 27, 509-518.	1.7	64
116	Behavioral recovery from unilateral photothrombotic infarcts of the forelimb sensorimotor cortex in rats: Role of the contralateral cortex. <i>Neuroscience</i> , 2006, 139, 1495-1506.	2.3	62
117	Physiology of modulation of motor cortex excitability by low-frequency suprathreshold repetitive transcranial magnetic stimulation. <i>Experimental Brain Research</i> , 2006, 171, 26-34.	1.5	61
118	Cellular activity underlying altered brain metabolism during focal epileptic activity. <i>Annals of Neurology</i> , 1995, 38, 414-420.	5.3	60
119	Age-related changes in the somatosensory processing of tactile stimulation—An fMRI study. <i>Behavioural Brain Research</i> , 2013, 238, 259-264.	2.2	60
120	Intermediate compartment (IC): from pre-Golgi vacuoles to a semi-autonomous membrane system. <i>Histochemistry and Cell Biology</i> , 2018, 150, 407-430.	1.7	59
121	Rehabilitative therapies differentially alter proliferation and survival of glial cell populations in the perilesional zone of cortical infarcts. <i>Glia</i> , 2008, 56, 516-527.	4.9	58
122	Dependence of the negative BOLD response on somatosensory stimulus intensity. <i>NeuroImage</i> , 2010, 53, 189-195.	4.2	58
123	Adult hippocampal neurogenesis poststroke: More new granule cells but aberrant morphology and impaired spatial memory. <i>PLoS ONE</i> , 2017, 12, e0183463.	2.5	57
124	Spatiotemporal relationship of apoptotic cell death to lymphomonocytic infiltration in photochemically induced focal ischemia of the rat cerebral cortex. <i>Acta Neuropathologica</i> , 1996, 92, 255-263.	7.7	56
125	Uncoupling of Blood Flow and Metabolism in Focal Epilepsy. <i>Epilepsia</i> , 1998, 39, 1235-1242.	5.1	56
126	Focal ischaemia of the rat brain elicits an unusual inflammatory response: early appearance of CD8+ macrophages/microglia. <i>European Journal of Neuroscience</i> , 1998, 10, 680-688.	2.6	56

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127	Heme Oxygenase-1 (HSP-32) and Heme Oxygenase-2 Induction in Neurons and Glial Cells of Cerebral Regions and Its Relation to Iron Accumulation after Focal Cortical Photothrombosis. <i>Experimental Neurology</i> , 2001, 168, 1-22.	4.1	56
128	Rat focal cerebral ischemia induced astrocyte proliferation and delayed neuronal death are attenuated by cyclin-dependent kinase inhibition. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 278-285.	1.5	56
129	Management and prognostic markers in patients with autoimmune encephalitis requiring ICU treatment. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2019, 6, e514.	6.0	56
130	Recurrent posterior reversible encephalopathy syndrome (PRES). <i>Journal of Human Hypertension</i> , 2004, 18, 287-289.	2.2	55
131	Delayed neuronal death and damage of GDNF family receptors in CA1 following focal cerebral ischemia. <i>Brain Research</i> , 2004, 1023, 92-101.	2.2	54
132	Microstructural analysis of human white matter architecture using polarized light imaging: views from neuroanatomy. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 28.	2.5	54
133	Fetal body weight and the development of the control of the cardiovascular system in fetal sheep. <i>Journal of Physiology</i> , 2007, 579, 893-907.	2.9	53
134	In Situ Dividing and Phagocytosing Retinal Microglia Express Nestin, Vimentin, and NG2 In Vivo. <i>PLoS ONE</i> , 2011, 6, e22408.	2.5	53
135	Knowledge, Attitudes, Practices, and Burden During the COVID-19 Pandemic in People with Parkinson's Disease in Germany. <i>Journal of Clinical Medicine</i> , 2020, 9, 1643.	2.4	53
136	Delayed Shrinkage of the Brain After Ischemic Stroke: Preliminary Observations With Voxel-Guided Morphometry. , 2004, 14, 265-272.		50
137	Age-related decline of functional inhibition in rat cortex. <i>Neurobiology of Aging</i> , 2010, 31, 504-511.	3.1	49
138	Functional deactivations: Multiple ipsilateral brain areas engaged in the processing of somatosensory information. <i>Human Brain Mapping</i> , 2011, 32, 127-140.	3.6	49
139	Heart rate variability - a potential early marker of sub-acute post-stroke infections. <i>Acta Neurologica Scandinavica</i> , 2012, 126, 189-196.	2.1	49
140	Reaction to Endoplasmic Reticulum Stress via ATF6 in Amyotrophic Lateral Sclerosis Deteriorates With Aging. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 5.	3.4	49
141	Transient changes in the presence of nitric oxide synthases and nitrotyrosine immunoreactivity after focal cortical lesions. <i>Neuroscience</i> , 1997, 82, 377-395.	2.3	48
142	Effects of 1,25 dihydroxyvitamin D3 on the expression of HO-1 and GFAP in glial cells of the photothrombotically lesioned cerebral cortex. <i>Journal of Chemical Neuroanatomy</i> , 2004, 28, 225-238.	2.1	48
143	Global impairment and therapeutic restoration of visual plasticity mechanisms after a localized cortical stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15450-15455.	7.1	48
144	Prognostication of recovery time after acute peripheral facial palsy: a prospective cohort study. <i>BMJ Open</i> , 2013, 3, e003007.	1.9	48

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145	GABA neurons survive focal ischemic injury. <i>Neuroscience</i> , 2004, 127, 341-346.	2.3	47
146	Remapping of the somatosensory cortex after a photothrombotic stroke: dynamics of the compensatory reorganization. <i>Neuroscience</i> , 2010, 165, 90-100.	2.3	47
147	Possibilities and limitations for high resolution small animal MRI on a clinical whole-body 3T scanner. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 233-244.	2.0	47
148	Weather as a risk factor for epileptic seizures: A caseâ€crossover study. <i>Epilepsia</i> , 2017, 58, 1287-1295.	5.1	47
149	The importance of different learning stages for motor sequence learning after stroke. <i>Human Brain Mapping</i> , 2020, 41, 270-286.	3.6	46
150	Widespread and Long-Lasting Alterations in GABAA-Receptor Subtypes After Focal Cortical Infarcts in Rats: Mediation by NMDA-Dependent Processes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, , 1463-1475.	4.3	46
151	Youâ€™d Better Think Twice: Post-Decision Perceptual Confidence. <i>NeuroImage</i> , 2014, 99, 323-331.	4.2	45
152	Reduced tonic inhibition after stroke promotes motor performance and epileptic seizures. <i>Scientific Reports</i> , 2016, 6, 26173.	3.3	45
153	Monitoring fetal maturationâ€™ objectives, techniques and indices of autonomic function. <i>Physiological Measurement</i> , 2017, 38, R61-R88.	2.1	45
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