

Otto W Witte

List of Publications by Year in descending order

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577
papers

27,822
citations

8755

77
h-index

12940

136
g-index

638
all docs

638
docs citations

638
times ranked

35228
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.	13.9	882
2	Pioglitazone after Ischemic Stroke or Transient Ischemic Attack. <i>New England Journal of Medicine</i> , 2016, 374, 1321-1331.	13.9	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.	1.5	796
4	Telmisartan to Prevent Recurrent Stroke and Cardiovascular Events. <i>New England Journal of Medicine</i> , 2008, 359, 1225-1237.	13.9	703
5	NXY-059 for Acute Ischemic Stroke. <i>New England Journal of Medicine</i> , 2006, 354, 588-600.	13.9	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.	0.6	569
7	Dabigatran for Prevention of Stroke after Embolic Stroke of Undetermined Source. <i>New England Journal of Medicine</i> , 2019, 380, 1906-1917.	13.9	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.	9.4	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.	3.8	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.	4.9	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.	2.4	297
12	Handedness and Asymmetry of Hand Representation in Human Motor Cortex. <i>Journal of Neurophysiology</i> , 1998, 79, 2149-2154.	0.9	287
13	Neuronal Hyperexcitability and Reduction of GABAA-Receptor Expression in the Surround of Cerebral Photothrombosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 906-914.	2.4	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.	2.4	273
15	Local immune responses in the rat cerebral cortex after middle cerebral artery occlusion. <i>Journal of Neuroimmunology</i> , 1994, 55, 195-203.	1.1	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.	2.4	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.	2.4	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.	9.4	223

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19	Identification of Ischemic Regions in a Rat Model of Stroke. PLoS ONE, 2009, 4, e4764.	1.1	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.	1.7	203
21	Increased long-term potentiation in the surround of experimentally induced focal cortical infarction. Annals of Neurology, 1998, 44, 255-258.	2.8	196
22	Electrophysiological Transcortical Diaschisis After Cortical Photothrombosis in Rat Brain. Stroke, 1996, 27, 1105-1111.	1.0	195
23	GABA depolarizes immature neurons and inhibits network activity in the neonatal neocortex in vivo. Nature Communications, 2015, 6, 7750.	5.8	187
24	Acute Cerebrovascular Disease in the Young. Stroke, 2013, 44, 340-349.	1.0	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.	6.3	185
26	Neurofilament markers for ALS correlate with extent of upper and lower motor neuron disease. Neurology, 2017, 88, 2302-2309.	1.5	169
27	Prefrontal asymmetric interictal glucose hypometabolism and cognitive impairment in patients with temporal lobe epilepsy. Brain, 1997, 120, 2283-2294.	3.7	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.	2.4	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.	1.3	160
30	Functional organization of the brain with malformations of cortical development. Annals of Neurology, 2003, 53, 759-767.	2.8	156
31	Topography of interictal glucose hypometabolism in unilateral mesiotemporal epilepsy. Neurology, 1996, 46, 1422-1422.	1.5	151
32	Sensory feedback prosthesis reduces phantom limb pain: Proof of a principle. Neuroscience Letters, 2012, 507, 97-100.	1.0	150
33	Phagocytic Response in Photochemically Induced Infarction of Rat Cerebral Cortex. Stroke, 1997, 28, 382-386.	1.0	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.	1.7	143
35	Changes in neocortical and hippocampal GABAA receptor subunit distribution during brain maturation and aging. Brain Research, 2006, 1099, 73-81.	1.1	141
36	Safety of Tirofiban in Acute Ischemic Stroke. Stroke, 2011, 42, 2388-2392.	1.0	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.	1.8	137
38	Functional significance of age-related differences in motor activation patterns. <i>NeuroImage</i> , 2006, 32, 1345-1354.	2.1	136
39	Transfer of maternal psychosocial stress to the fetus. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 185-197.	2.9	135
40	High frequency of partial SPAST deletions in autosomal dominant hereditary spastic paraplegia. <i>Neurology</i> , 2006, 67, 1926-1930.	1.5	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.	1.7	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.	3.3	132
43	Branched-chain amino acid catabolism is a conserved regulator of physiological ageing. <i>Nature Communications</i> , 2015, 6, 10043.	5.8	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.	0.6	131
45	Downregulation of Potassium Chloride Cotransporter KCC2 After Transient Focal Cerebral Ischemia. <i>Stroke</i> , 2010, 41, e151-9.	1.0	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.	2.4	119
47	Different Mechanisms of Secondary Neuronal Damage in Thalamic Nuclei After Focal Cerebral Ischemia in Rats. <i>Stroke</i> , 2002, 33, 3006-3011.	1.0	118
48	Family satisfaction in the intensive care unit: a quantitative and qualitative analysis. <i>Intensive Care Medicine</i> , 2013, 39, 1071-1079.	3.9	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.	2.8	114
50	Behavioral correlates of negative BOLD signal changes in the primary somatosensory cortex. <i>NeuroImage</i> , 2008, 41, 1364-1371.	2.1	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.	1.1	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.	4.9	111
53	Falls and gait disorders in geriatric neurology. <i>Clinical Neurology and Neurosurgery</i> , 2010, 112, 265-274.	0.6	107
54	Muscle ultrasound for early assessment of critical illness neuromyopathy in severe sepsis. <i>Critical Care</i> , 2013, 17, R227.	2.5	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.	2.4	102
56	Expression of the Na ⁺ -Glucose Cotransporter SGLT1 in Neurons. <i>Journal of Neurochemistry</i> , 1997, 69, 84-94.	2.1	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.	1.2	101
58	Thalamocortical connectivity during resting state in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 111-119.	1.8	100
59	Perception of phrase structure in music. <i>Human Brain Mapping</i> , 2005, 24, 259-273.	1.9	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.	1.3	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.	1.0	97
62	Astroglial responses in photochemically induced focal ischemia of the rat cortex. <i>Experimental Brain Research</i> , 1995, 106, 1-6.	0.7	95
63	Age-related effects on hippocampal precursor cell subpopulations and neurogenesis. <i>Neurobiology of Aging</i> , 2011, 32, 1906-1914.	1.5	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.	1.0	94
65	Transcriptomic alterations during ageing reflect the shift from cancer to degenerative diseases in the elderly. <i>Nature Communications</i> , 2018, 9, 327.	5.8	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.	1.7	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.	1.0	91
69	Electrophysiological transcortical diaschisis after middle cerebral artery occlusion (MCAO) in rats. <i>Neuroscience Letters</i> , 1999, 261, 85-88.	1.0	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.	1.1	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.	3.8	91
72	Attenuated Inflammatory Response in Aged Mice Brains following Stroke. <i>PLoS ONE</i> , 2011, 6, e26288.	1.1	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.	3.7	89
74	Heterogeneity of the microglial response in photochemically induced focal ischemia of the rat cerebral cortex. <i>Neuroscience</i> , 1999, 89, 1367-1377.	1.1	88
75	Muscle ultrasonography as an additional diagnostic tool for the diagnosis of amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2015, 126, 820-827.	0.7	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.	1.0	87
77	Extended brain disinhibition following small photothrombotic lesions in rat frontal cortex. <i>NeuroReport</i> , 1997, 8, 519-522.	0.6	87
78	Functional organization of the auditory cortex is different in stutterers and fluent speakers. <i>NeuroReport</i> , 1998, 9, 2225-2229.	0.6	87
79	Ultrasound differentiation of axonal and demyelinating neuropathies. <i>Muscle and Nerve</i> , 2014, 50, 976-983.	1.0	87
80	Dissecting Aging and Senescence – Current Concepts and Open Lessons. <i>Cells</i> , 2019, 8, 1446.	1.8	86
81	Changes in Brain Size during the Menstrual Cycle. <i>PLoS ONE</i> , 2011, 6, e14655.	1.1	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.	1.1	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.	1.0	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.	1.8	79
85	Hashimoto's encephalopathy: steroid resistance and response to intravenous immunoglobulins. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 455-456.	0.9	79
86	Localized Reversible Reduction of Apparent Diffusion Coefficient in Transient Hypoglycemia-Induced Hemiparesis. <i>Stroke</i> , 2005, 36, e20-2.	1.0	79
87	Aberrant Neurogenesis After Stroke. <i>Stroke</i> , 2012, 43, 2468-2475.	1.0	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.	1.0	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.	1.2	75
92	Levetiracetam as a treatment option in non-convulsive status epilepticus. <i>Epilepsy Research</i> , 2007, 73, 238-244.	0.8	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.	1.1	74
94	Transient Increase of Manganese-Superoxide Dismutase in Remote Brain Areas After Focal Photothrombotic Cortical Lesion. <i>Stroke</i> , 1998, 29, 203-211.	1.0	74
95	Different cortical organization of visceral and somatic sensation in humans. <i>European Journal of Neuroscience</i> , 1999, 11, 305-315.	1.2	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.	0.7	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.	1.2	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.	2.2	71
100	Surface-based analysis increases the specificity of cortical activation patterns and connectivity results. <i>Scientific Reports</i> , 2020, 10, 5737.	1.6	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.	1.2	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.	0.8	68
103	Perilesional pathological oscillatory activity in the magnetoencephalogram of patients with cortical brain lesions. <i>Neuroscience Letters</i> , 2004, 355, 93-96.	1.0	68
104	Outcome after decompressive craniectomy in patients with severe ischemic stroke. <i>Acta Neurochirurgica</i> , 2006, 148, 31-37.	0.9	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.	1.0	68
106	Interaction of finger representation in the human first somatosensory cortex: a neuromagnetic study. <i>Neuroscience Letters</i> , 1998, 251, 13-16.	1.0	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.	2.4	67
108	Up-regulation of Connexin43 in the glial scar following photothrombotic ischemic injury. <i>Molecular and Cellular Neurosciences</i> , 2007, 35, 89-99.	1.0	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.	1.1	65
110	Changes in GABAA and GABAB receptor binding following cortical photothrombosis: a quantitative receptor autoradiographic study. <i>Neuroscience</i> , 1999, 93, 1233-1240.	1.1	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.	0.9	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.	1.5	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.	1.1	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.	0.8	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.	1.1	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.	0.7	61
118	Cellular activity underlying altered brain metabolism during focal epileptic activity. <i>Annals of Neurology</i> , 1995, 38, 414-420.	2.8	60
119	Age-related changes in the somatosensory processing of tactile stimulation—An fMRI study. <i>Behavioural Brain Research</i> , 2013, 238, 259-264.	1.2	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.	0.8	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.	2.5	58
122	Dependence of the negative BOLD response on somatosensory stimulus intensity. <i>NeuroImage</i> , 2010, 53, 189-195.	2.1	58
123	Adult hippocampal neurogenesis poststroke: More new granule cells but aberrant morphology and impaired spatial memory. <i>PLoS ONE</i> , 2017, 12, e0183463.	1.1	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.	3.9	56
125	Uncoupling of Blood Flow and Metabolism in Focal Epilepsy. <i>Epilepsia</i> , 1998, 39, 1235-1242.	2.6	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.	1.2	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.	2.0	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.	0.8	56
129	Management and prognostic markers in patients with autoimmune encephalitis requiring ICU treatment. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2019, 6, e514.	3.1	56
130	Recurrent posterior reversible encephalopathy syndrome (PRES). <i>Journal of Human Hypertension</i> , 2004, 18, 287-289.	1.0	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.	1.1	54
132	Microstructural analysis of human white matter architecture using polarized light imaging: views from neuroanatomy. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 28.	1.3	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.	1.3	53
134	In Situ Dividing and Phagocytosing Retinal Microglia Express Nestin, Vimentin, and NG2 In Vivo. <i>PLoS ONE</i> , 2011, 6, e22408.	1.1	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.	1.0	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.	1.5	49
138	Functional deactivations: Multiple ipsilateral brain areas engaged in the processing of somatosensory information. <i>Human Brain Mapping</i> , 2011, 32, 127-140.	1.9	49
139	Heart rate variability - a potential early marker of sub-acute post-stroke infections. <i>Acta Neurologica Scandinavica</i> , 2012, 126, 189-196.	1.0	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.	1.7	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.	1.1	48
142	Effects of 1 α ,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.	1.0	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.	3.3	48
144	Prognostication of recovery time after acute peripheral facial palsy: a prospective cohort study. <i>BMJ Open</i> , 2013, 3, e003007.	0.8	48

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145	GABA neurons survive focal ischemic injury. <i>Neuroscience</i> , 2004, 127, 341-346.	1.1	47
146	Remapping of the somatosensory cortex after a photothrombotic stroke: dynamics of the compensatory reorganization. <i>Neuroscience</i> , 2010, 165, 90-100.	1.1	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.	1.1	47
148	Weather as a risk factor for epileptic seizures: A caseâ€crossover study. <i>Epilepsia</i> , 2017, 58, 1287-1295.	2.6	47
149	The importance of different learning stages for motor sequence learning after stroke. <i>Human Brain Mapping</i> , 2020, 41, 270-286.	1.9	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.	2.4	46
151	Youâ€™d Better Think Twice: Post-Decision Perceptual Confidence. <i>NeuroImage</i> , 2014, 99, 323-331.	2.1	45
152	Reduced tonic inhibition after stroke promotes motor performance and epileptic seizures. <i>Scientific Reports</i> , 2016, 6, 26173.	1.6	45
153	Monitoring fetal maturationâ€™ objectives, techniques and indices of autonomic function. <i>Physiological Measurement</i> , 2017, 38, R61-R88.	1.2	45
154	Induction of bilateral plasticity in sensory cortical maps by small unilateral cortical infarcts in rats. <i>European Journal of Neuroscience</i> , 2003, 17, 623-627.	1.2	44
155	Time course of diffusion imaging in acute brainstem infarcts. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 905-912.	1.9	44
156	Enriched environment promotes efficiency of compensatory movements after cerebral ischemia in rats. <i>Neuroscience</i> , 2009, 163, 759-769.	1.1	44
157	Fetal Functional Brain Age Assessed from Universal Developmental Indices Obtained from Neuro-Vegetative Activity Patterns. <i>PLoS ONE</i> , 2013, 8, e74431.	1.1	44
158	Phenotypic and functional differences between senescent and aged murine microglia. <i>Neurobiology of Aging</i> , 2019, 74, 56-69.	1.5	44
159	Proliferative response of distinct hippocampal progenitor cell populations after cortical infarcts in the adult brain. <i>Neurobiology of Disease</i> , 2006, 21, 324-332.	2.1	43
160	Astrocytic Cx43 and Cx30 differentially modulate adult neurogenesis in mice. <i>Neuroscience Letters</i> , 2013, 545, 40-45.	1.0	43
161	Endoplasmic reticulum stress is accompanied by activation of NF-Î³B in amyotrophic lateral sclerosis. <i>Journal of Neuroimmunology</i> , 2014, 270, 29-36.	1.1	43
162	Multimodal treatment of persistent posturalâ€™ perceptual dizziness. <i>Brain and Behavior</i> , 2020, 10, e01864.	1.0	43

#	ARTICLE	IF	CITATIONS
163	Dynamic changes of focal hypometabolism in relation to epileptic activity. <i>Journal of the Neurological Sciences</i> , 1994, 124, 188-197.	0.3	42
164	MRI in acute cerebral ischemia of the young. <i>Neurology</i> , 2013, 81, 1914-1921.	1.5	42
165	Rapid weather changes are associated with increased ischemic stroke risk: a case-crossover study. <i>European Journal of Epidemiology</i> , 2016, 31, 137-146.	2.5	42
166	Sepsis-associated encephalopathy. <i>Cmaj</i> , 2018, 190, E1083-E1083.	0.9	42
167	Excitability changes and glucose metabolism in experimentally induced focal cortical dysplasias. <i>Cerebral Cortex</i> , 1998, 8, 623-634.	1.6	41
168	Initial DWI and ADC imaging may predict outcome in acute disseminated encephalomyelitis: report of two cases of brain stem encephalitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 996-998.	0.9	41
169	GABA Depolarizes Immature Neocortical Neurons in the Presence of the Ketone Body \hat{I}^2 -Hydroxybutyrate. <i>Journal of Neuroscience</i> , 2010, 30, 16002-16007.	1.7	41
170	Influence of social support on cognitive change and mortality in old age: results from the prospective multicentre cohort study AgeCoDe. <i>BMC Geriatrics</i> , 2012, 12, 9.	1.1	41
171	The unfolded protein response in models of human mutant G93A amyotrophic lateral sclerosis. <i>European Journal of Neuroscience</i> , 2012, 35, 652-660.	1.2	41
172	Upregulation of GABAA-receptor \hat{I}^1 - and \hat{I}^2 -subunit mRNAs following ischemic cortical lesions in rats. <i>Brain Research</i> , 1999, 816, 234-237.	1.1	40
173	Statins Modulate Heat Shock Protein Expression and Enhance Retinal Ganglion Cell Survival after Transient Retinal Ischemia/Reperfusion In Vivo. , 2008, 49, 4971.		40
174	Ictal motor signs and interictal regional cerebral hypometabolism. <i>Neurology</i> , 1997, 49, 341-350.	1.5	39
175	NF- \hat{I}^B determines axonal re- and degeneration by cell-specific balance of RelA and p50 subunits in the adult CNS. <i>Journal of Cell Science</i> , 2014, 127, 3052-65.	1.2	39
176	Somatostatin Interneurons Promote Neuronal Synchrony in the Neonatal Hippocampus. <i>Cell Reports</i> , 2019, 26, 3173-3182.e5.	2.9	39
177	Long-term evolution of excitotoxic cortical dysgenesis induced in the developing rat brain. <i>Developmental Brain Research</i> , 1998, 109, 109-113.	2.1	38
178	Distribution of glutamate receptor subunits in experimentally induced cortical malformations. <i>Neuroscience</i> , 2003, 117, 991-1002.	1.1	38
179	Adult and Embryonic GAD Transcripts Are Spatiotemporally Regulated during Postnatal Development in the Rat Brain. <i>PLoS ONE</i> , 2009, 4, e4371.	1.1	38
180	Overexpression of human mutated G93A SOD1 changes dynamics of the ER mitochondria calcium cycle specifically in mouse embryonic motor neurons. <i>Experimental Neurology</i> , 2013, 247, 91-100.	2.0	38

#	ARTICLE	IF	CITATIONS
181	Cell cycle-dependent and -independent telomere shortening accompanies murine brain aging. <i>Aging</i> , 2018, 10, 3397-3420.	1.4	38
182	Epileptiform discharges to extracellular stimuli in rat neocortical slices after photothrombotic infarction. <i>Journal of the Neurological Sciences</i> , 1998, 156, 133-137.	0.3	37
183	Age-dependent kinetics of dentate gyrus neurogenesis in the absence of cyclin D2. <i>BMC Neuroscience</i> , 2012, 13, 46.	0.8	37
184	Protein expression in tension wood formation monitored at high tissue resolution in <i>Populus</i> . <i>Journal of Experimental Botany</i> , 2017, 68, 3405-3417.	2.4	37
185	Plasma VCAM1 levels correlate with disease severity in Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2019, 16, 94.	3.1	37
186	Substantial performance discrepancies among commercially available kits for reverse transcription quantitative polymerase chain reaction: A systematic comparative investigator-driven approach. <i>Analytical Biochemistry</i> , 2010, 401, 303-311.	1.1	36
187	Effects of rehabilitative training and anti-inflammatory treatment on functional recovery and cellular reorganization following stroke. <i>Experimental Neurology</i> , 2012, 233, 776-782.	2.0	36
188	Experiences from treating seven adult 5q spinal muscular atrophy patients with Nusinersen. <i>Therapeutic Advances in Neurological Disorders</i> , 2020, 13, 175628642090780.	1.5	36
189	Participation of interneurons in penicillin-induced epileptic discharges. <i>Experimental Brain Research</i> , 1991, 83, 683-6.	0.7	35
190	Effects of physiological aging and cerebrovascular risk factors on the hemodynamic response to brain activation: a functional transcranial Doppler study. <i>European Journal of Neurology</i> , 2007, 14, 125-131.	1.7	35
191	Modelling and analysis of time-variant directed interrelations between brain regions based on BOLD-signals. <i>NeuroImage</i> , 2009, 45, 722-737.	2.1	35
192	Cortical reorganization in Bell's palsy. <i>Restorative Neurology and Neuroscience</i> , 2011, 29, 203-214.	0.4	35
193	Fetal development of complex autonomic control evaluated from multiscale heart rate patterns. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R383-R392.	0.9	35
194	The Costs of Dementia From the Societal Perspective: Is Care Provided in the Community Really Cheaper than Nursing Home Care?. <i>Journal of the American Medical Directors Association</i> , 2014, 15, 117-126.	1.2	35
195	Extrachromosomal Circular DNA: Current Knowledge and Implications for CNS Aging and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2477.	1.8	35
196	Optic nerve lesion increases cell proliferation and nestin expression in the adult mouse eye in vivo. <i>Experimental Neurology</i> , 2009, 219, 175-186.	2.0	34
197	Deformation-based brain morphometry in rats. <i>NeuroImage</i> , 2012, 63, 47-53.	2.1	34
198	The Validity of Advance Directives in Acute Situations. <i>Deutsches Arzteblatt International</i> , 2015, 112, 723-9.	0.6	34

#	ARTICLE	IF	CITATIONS
199	Temporal profile of connexin 43 expression after photothrombotic lesion in rat brain. <i>Neuroscience</i> , 2007, 144, 562-570.	1.1	33
200	TAT-Bcl-xL improves survival of neuronal precursor cells in the lesioned striatum after focal cerebral ischemia. <i>Neurobiology of Disease</i> , 2009, 34, 87-94.	2.1	33
201	Clinical markers of early nigrostriatal neurodegeneration in idiopathic rapid eye movement sleep behavior disorder. <i>Sleep Medicine</i> , 2013, 14, 1064-1070.	0.8	33
202	Brain Magnetic Resonance Imaging Findings Fail to Suspect Fabry Disease in Young Patients With an Acute Cerebrovascular Event. <i>Stroke</i> , 2015, 46, 1548-1553.	1.0	33
203	Assessment of pulmonary function in amyotrophic lateral sclerosis: when can polygraphy help evaluate the need for non-invasive ventilation?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1022-1026.	0.9	33
204	Microdialysis as a tool in local pharmacodynamics. <i>AAPS Journal</i> , 2006, 8, E222-E235.	2.2	32
205	Evaluation of the early phase of Bell's palsy using 3T MRI. <i>European Archives of Oto-Rhino-Laryngology</i> , 2011, 268, 1493-1500.	0.8	32
206	Time Course of Cortical Plasticity After Facial Nerve Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 197-203.	1.4	32
207	Impact of indomethacin on neuroinflammation and hippocampal neurogenesis in aged mice. <i>Neuroscience Letters</i> , 2014, 572, 7-12.	1.0	32
208	GABAergic Transmission during Brain Development: Multiple Effects at Multiple Stages. <i>Neuroscientist</i> , 2018, 24, 36-53.	2.6	32
209	Changes in intrinsic optical signal of rat neocortical slices following afferent stimulation. <i>Neuroscience Letters</i> , 1994, 180, 227-230.	1.0	31
210	1 α ,25-Dihydroxy-vitamin D3 in combination with 17 β -estradiol lowers the cortical expression of heat shock protein-27 following experimentally induced focal cortical ischemia in rats. <i>Archives of Biochemistry and Biophysics</i> , 2005, 439, 70-79.	1.4	31
211	Hemispheric hypoperfusion in postictal paresis mimics early brain ischemia. <i>Epilepsy Research</i> , 2010, 89, 355-359.	0.8	31
212	Brainstem representation of vestibular evoked myogenic potentials. <i>Clinical Neurophysiology</i> , 2010, 121, 1102-1108.	0.7	31
213	Inter-age variability of bona fide unvaried transcripts. <i>Neurobiology of Aging</i> , 2010, 31, 654-664.	1.5	31
214	The effects of deafferentation without deafferentation on functional connectivity in patients with facial palsy. <i>NeuroImage: Clinical</i> , 2014, 6, 26-31.	1.4	31
215	Age-specific transcriptional response to stroke. <i>Neurobiology of Aging</i> , 2014, 35, 1744-1754.	1.5	31
216	Autoimmune encephalitis with anti-IgLON5 and anti-GABAB-receptor antibodies. <i>Medicine (United Kingdom)</i> , 2014, 93, 1004-1010.	0.4	31

#	ARTICLE	IF	CITATIONS
217	Synaptic responses in superficial layers of medial entorhinal cortex from rats with kainate-induced epilepsy. <i>Neurobiology of Disease</i> , 2007, 26, 419-438.	2.1	30
218	Induction of Neurogenesis in the Adult Dentate Gyrus by Cortical Spreading Depression. <i>Stroke</i> , 2008, 39, 3064-3072.	1.0	30
219	Effects of Temporary Functional Deafferentation on the Brain, Sensation, and Behavior of Stroke Patients. <i>Journal of Neuroscience</i> , 2012, 32, 11773-11779.	1.7	30
220	Effects of early- and late-gestational maternal stress and synthetic glucocorticoid on development of the fetal hypothalamus-pituitary-adrenal axis in sheep. <i>Stress</i> , 2013, 16, 122-129.	0.8	30
221	Instrument specific use-dependent plasticity shapes the anatomical properties of the corpus callosum: a comparison between musicians and non-musicians. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 245.	1.0	30
222	Role of catecholamines in maternal-fetal stress transfer in sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 684.e1-684.e9.	0.7	30
223	Adult Neurogenesis and Stroke: A Tale of Two Neurogenic Niches. <i>Frontiers in Neuroscience</i> , 2021, 15, 700297.	1.4	30
224	Membrane currents induced by pentylentetrazol in identified neurons of <i>Helix pomatia</i> . <i>Brain Research</i> , 1988, 473, 294-305.	1.1	29
225	Enlargement of cortical vibrissa representation in the surround of an ischemic cortical lesion. <i>Journal of the Neurological Sciences</i> , 1999, 162, 6-13.	0.3	29
226	Gender-specific Differences of Hypometabolism in mTLE: Implication for Cognitive Impairments. <i>Epilepsia</i> , 2003, 44, 1551-1561.	2.6	29
227	Imaging microscopy of the middle and inner ear: Part II: MR microscopy. <i>Clinical Anatomy</i> , 2005, 18, 409-415.	1.5	29
228	Photothrombotic infarct impairs experience-dependent plasticity in neighboring cortex. <i>NeuroReport</i> , 2007, 18, 165-169.	0.6	29
229	Immunocytochemical Detection of Newly Generated Neurons in the Perilesional Area of Cortical Infarcts After Intraventricular Application of Brain-Derived Neurotrophic Factor. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 83-93.	0.9	29
230	Impact of Heme and Heme Degradation Products on Vascular Diameter in Mouse Visual Cortex. <i>Journal of the American Heart Association</i> , 2014, 3, .	1.6	29
231	Eye closure enhances dark night perceptions. <i>Scientific Reports</i> , 2015, 5, 10515.	1.6	29
232	Down-regulation of purinergic P2X7 receptor expression and intracellular calcium dysregulation in peripheral blood mononuclear cells of patients with amyotrophic lateral sclerosis. <i>Neuroscience Letters</i> , 2016, 630, 77-83.	1.0	29
233	Automated objective and marker-free facial grading using photographs of patients with facial palsy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 3335-3343.	0.8	29
234	Modulation of somatosensory evoked magnetic fields by sensory and motor interferences. <i>NeuroReport</i> , 1995, 6, 1653-1658.	0.6	28

#	ARTICLE	IF	CITATIONS
235	Ebselen Lowers Plasma Interleukin-6 Levels and Glial Heme Oxygenase-1 Expression after Focal Photothrombotic Brain Ischemia. <i>Archives of Biochemistry and Biophysics</i> , 2000, 380, 237-242.	1.4	28
236	Intracerebral haemorrhage in CADASIL. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 1606-1607.	0.9	28
237	Column-like Ca ²⁺ clusters in the mouse neonatal neocortex revealed by three-dimensional two-photon Ca ²⁺ imaging in vivo. <i>NeuroImage</i> , 2016, 138, 64-75.	2.1	28
238	GABAergic depolarization during early cortical development and implications for anticonvulsive therapy in neonates. <i>Epilepsia</i> , 2011, 52, 1532-1543.	2.6	27
239	Age dependence of excitatory-inhibitory balance following stroke. <i>Neurobiology of Aging</i> , 2012, 33, 1356-1363.	1.5	27
240	Cause or effect: Altered brain and network activity in cervical dystonia is partially normalized by botulinum toxin treatment. <i>NeuroImage: Clinical</i> , 2019, 22, 101792.	1.4	27
241	Clusters of non-adherence to medication in neurological patients. <i>Research in Social and Administrative Pharmacy</i> , 2019, 15, 1419-1424.	1.5	27
242	Early Stroke Induces Long-Term Impairment of Adult Neurogenesis Accompanied by Hippocampal-Mediated Cognitive Decline. <i>Cells</i> , 2019, 8, 1654.	1.8	27
243	DNA plasticity and damage in amyotrophic lateral sclerosis. <i>Neural Regeneration Research</i> , 2018, 13, 173.	1.6	27
244	Afterpotentials of penicillin-induced epileptiform neuronal discharges in the motor cortex of the rat in vivo. <i>Epilepsy Research</i> , 1994, 18, 43-55.	0.8	26
245	Pharmacological reduction of electrophysiological diaschisis after photothrombotic ischemia in rat neocortex. <i>European Journal of Pharmacology</i> , 1997, 320, 103-109.	1.7	26
246	Induction of FOS and JUN proteins during focal epilepsy: congruences with and differences to [14C]deoxyglucose metabolism. <i>Molecular Brain Research</i> , 1997, 46, 177-184.	2.5	26
247	Simvastatin Improves Retinal Ganglion Cell Survival and Spatial Vision after Acute Retinal Ischemia/Reperfusion in Mice. , 2011, 52, 2606.		26
248	Deafferentation of the Affected Arm. <i>Stroke</i> , 2011, 42, 1363-1370.	1.0	26
249	Magnetic resonance imaging of the mouse visual pathway for in vivo studies of degeneration and regeneration in the CNS. <i>NeuroImage</i> , 2012, 59, 363-376.	2.1	26
250	The impairment of small nerve fibers in severe sepsis and septic shock. <i>Critical Care</i> , 2016, 20, 64.	2.5	26
251	Rapid increases in nitrogen oxides are associated with acute myocardial infarction: A case-crossover study. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1707-1716.	0.8	26
252	Experience-dependent structural plasticity in the adult brain: How the learning brain grows. <i>NeuroImage</i> , 2021, 225, 117502.	2.1	26

#	ARTICLE	IF	CITATIONS
253	Conserved aging-related signatures of senescence and inflammation in different tissues and species. <i>Aging</i> , 2019, 11, 8556-8572.	1.4	26
254	Copper-zinc superoxide dismutase and isolectin B4 binding are markers for associative and transhemispheric diaschisis induced by focal ischemia in rat cortex. <i>Neuroscience Letters</i> , 1997, 228, 163-166.	1.0	25
255	Long-term effects of sequential cortical infarcts on scar size, brain volume and cognitive function. <i>Behavioural Brain Research</i> , 2005, 158, 69-77.	1.2	25
256	Optimized photo-stimulation of halorhodopsin for long-term neuronal inhibition. <i>BMC Biology</i> , 2019, 17, 95.	1.7	25
257	The Chitinases as Biomarkers for Amyotrophic Lateral Sclerosis: Signals From the CNS and Beyond. <i>Frontiers in Neurology</i> , 2020, 11, 377.	1.1	25
258	Intrinsic optical signals in vitro: a tool to measure alterations in extracellular space with two-dimensional resolution. <i>Brain Research Bulletin</i> , 1998, 47, 649-655.	1.4	24
259	Differential stroke-induced proliferative response of distinct precursor cell subpopulations in the young and aged dentate gyrus. <i>Neuroscience</i> , 2010, 169, 1279-1286.	1.1	24
260	Components of vestibular cortical function. <i>Behavioural Brain Research</i> , 2013, 236, 194-199.	1.2	24
261	Effect of skilled reaching training and enriched environment on generation of oligodendrocytes in the adult sensorimotor cortex and corpus callosum. <i>BMC Neuroscience</i> , 2017, 18, 31.	0.8	24
262	Propentdyopents as Heme Degradation Intermediates Constrict Mouse Cerebral Arterioles and Are Present in the Cerebrospinal Fluid of Patients With Subarachnoid Hemorrhage. <i>Circulation Research</i> , 2019, 124, e101-e114.	2.0	24
263	Association Between Systemic Inflammation, Carotid Arteriosclerosis, and Autonomic Dysfunction. <i>Translational Stroke Research</i> , 2020, 11, 50-59.	2.3	24
264	Prognostic factors for the outcome of Bells' palsy: A cohort register-based study. <i>Clinical Otolaryngology</i> , 2020, 45, 754-761.	0.6	24
265	Cerebrospinal Fluid Neurofilament Light Chain (NfL) Predicts Disease Aggressiveness in Amyotrophic Lateral Sclerosis: An Application of the D50 Disease Progression Model. <i>Frontiers in Neurology</i> , 2021, 15, 651651.	1.4	24
266	Regional Hypometabolism in an Acute Model of Focal Epileptic Activity in the Rat. <i>European Journal of Neuroscience</i> , 1995, 7, 192-197.	1.2	23
267	Nitric oxide synthase-I containing cortical interneurons co-express antioxidative enzymes and anti-apoptotic Bcl-2 following focal ischemia: evidence for direct and indirect mechanisms towards their resistance to neuropathology. <i>Journal of Chemical Neuroanatomy</i> , 2001, 22, 167-184.	1.0	23
268	Positional Brain Deformation Visualized With Magnetic Resonance Morphometry. <i>Neurosurgery</i> , 2010, 66, 376-384.	0.6	23
269	Fetal autonomic brain age scores, segmented heart rate variability analysis, and traditional short term variability. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 948.	1.0	23
270	Excitatory and inhibitory mechanisms underlying somatosensory habituation. <i>Human Brain Mapping</i> , 2014, 35, 152-160.	1.9	23

#	ARTICLE	IF	CITATIONS
271	Phosphoinositide 3-Kinase $\hat{\beta}$ Restrains Neurotoxic Effects of Microglia After Focal Brain Ischemia. <i>Molecular Neurobiology</i> , 2016, 53, 5468-5479.	1.9	23
272	Ultrasonography of the Vagus Nerve in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 525.	1.1	23
273	Tissue-specific Gene Expression Changes Are Associated with Aging in Mice. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 430-442.	3.0	23
274	Aging-related liver degeneration is associated with increased bacterial endotoxin and lipopolysaccharide binding protein levels. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G736-G747.	1.6	23
275	Acute effects of cigarette smoking on cerebral oxygenation and hemodynamics. <i>Journal of the Neurological Sciences</i> , 2002, 205, 71-75.	0.3	22
276	Relation Between Bicarbonate Concentration and Voltage Dependence of Sodium Currents in Freshly Isolated CA1 Neurons of the Rat. <i>Journal of Neurophysiology</i> , 2003, 89, 2489-2498.	0.9	22
277	Event-related fMRI with painful electrical stimulation of the trigeminal nerve. <i>Magnetic Resonance Imaging</i> , 2004, 22, 205-209.	1.0	22
278	Chapter 15 Pain and itch in Wallenberg's syndrome: anatomicalâ€“functional correlations. <i>Supplements To Clinical Neurophysiology</i> , 2006, , 187-194.	2.1	22
279	Sigma 1 receptor activation modifies intracellular calcium exchange in the G93AhSOD1 ALS model. <i>Neuroscience</i> , 2017, 359, 105-118.	1.1	22
280	Motor-cognitive dual-task performance: effects of a concurrent motor task on distinct components of visual processing capacity. <i>Psychological Research</i> , 2018, 82, 177-185.	1.0	22
281	Memory-Like Responses of Brain Microglia Are Controlled by Developmental State and Pathogen Dose. <i>Frontiers in Immunology</i> , 2020, 11, 546415.	2.2	22
282	Effects of maternal stress and nutrient restriction during gestation on offspring neuroanatomy in humans. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 5-25.	2.9	22
283	Cortical activation during oesophageal stimulation: a neuromagnetic study. <i>Neurogastroenterology and Motility</i> , 1999, 11, 163-171.	1.6	21
284	Central Sleep Apnea Indicates Autonomic Dysfunction in Asymptomatic Carotid Stenosis: A Potential Marker of Cerebrovascular and Cardiovascular Risk. <i>Sleep</i> , 2010, 33, 327-333.	0.6	21
285	Habituation within the somatosensory processing hierarchy. <i>Behavioural Brain Research</i> , 2011, 225, 432-436.	1.2	21
286	The Essen Stroke Risk Score in One-Year Follow-Up Acute Ischemic Stroke Patients. <i>Cerebrovascular Diseases</i> , 2011, 31, 400-407.	0.8	21
287	Cyclin D2 knockout mice with depleted adult neurogenesis learn Barnes maze task.. <i>Behavioral Neuroscience</i> , 2013, 127, 1-8.	0.6	21
288	Thalamocortical Impulse Propagation and Information Transfer in EEG and MEG. <i>Journal of Clinical Neurophysiology</i> , 2014, 31, 253-260.	0.9	21

#	ARTICLE	IF	CITATIONS
289	Bone Flap Necrosis After Decompressive Hemicraniectomy for Malignant Middle Cerebral Artery Infarction. <i>Neurocritical Care</i> , 2014, 20, 91-97.	1.2	21
290	Two distinct populations of doublecortin-positive cells in the perilesional zone of cortical infarcts. <i>BMC Neuroscience</i> , 2015, 16, 20.	0.8	21
291	Speech preparation in adults with persistent developmental stuttering. <i>Brain and Language</i> , 2015, 149, 97-105.	0.8	21
292	Targeting Pioglitazone Hydrochloride Therapy After Stroke or Transient Ischemic Attack According to Pretreatment Risk for Stroke or Myocardial Infarction. <i>JAMA Neurology</i> , 2017, 74, 1319.	4.5	21
293	Impact of chronic maternal stress during early gestation on maternal fetal stress transfer and fetal stress sensitivity in sheep. <i>Stress</i> , 2018, 21, 1-10.	0.8	21
294	Somatosensory deficits. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 151, 185-206.	1.0	21
295	Characteristics in Non-Vitamin K Antagonist Oral Anticoagulant-Related Intracerebral Hemorrhage. <i>Stroke</i> , 2019, 50, 1392-1402.	1.0	21
296	Autonomic Dysfunction and Risk Stratification Assessed from Heart Rate Pattern. <i>The Open Neurology Journal</i> , 2010, 4, 39-49.	0.4	21
297	Oscillatory activity in different motor subsystems in palatal myoclonus. A case report. <i>Acta Neurologica Scandinavica</i> , 1992, 86, 176-183.	1.0	20
298	Refractory periods following interictal spikes in acute experimentally induced epileptic foci. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995, 94, 80-85.	0.3	20
299	Unilateral upregulation of cyclooxygenase-2 following cerebral, cortical photothrombosis in the rat: suppression by MK-801 and co-distribution with enzymes involved in the oxidative stress cascade. <i>Journal of Chemical Neuroanatomy</i> , 2000, 20, 163-176.	1.0	20
300	Regulation of GABA transporter mRNA and protein after photothrombotic infarct in rat brain. <i>Journal of Comparative Neurology</i> , 2004, 478, 176-188.	0.9	20
301	Betamethasone effects on fetal sheep cerebral blood flow are not dependent on maturation of cerebrovascular system and pituitary-adrenal axis. <i>Journal of Physiology</i> , 2005, 564, 575-588.	1.3	20
302	Imaging motor recovery after stroke. <i>NeuroRx</i> , 2006, 3, 482-488.	6.0	20
303	Wallerian Degeneration of Pyramidal Tract after Paramedian Pons Infarct. <i>Cerebrovascular Diseases</i> , 2010, 30, 380-388.	0.8	20
304	Influences of negative BOLD responses on positive BOLD responses. <i>NeuroImage</i> , 2011, 55, 1709-1715.	2.1	20
305	DEcompressive Surgery for the Treatment of malignant INfarction of the middle cerebral artery - Registry (DESTINY-R): design and protocols. <i>BMC Neurology</i> , 2012, 12, 115.	0.8	20
306	Long-term sequelae of severe sepsis: cognitive impairment and structural brain alterations - an MRI study (LossCog MRI). <i>BMC Neurology</i> , 2014, 14, 145.	0.8	20

#	ARTICLE	IF	CITATIONS
307	Serial FDG PET/CT in Autoimmune Encephalitis With Faciobrachial Dystonic Seizures. <i>Clinical Nuclear Medicine</i> , 2014, 39, e436-e438.	0.7	20
308	Relationships Between Disease Severity, Social Support and Health-Related Quality of Life in Patients with Amyotrophic Lateral Sclerosis. <i>Social Indicators Research</i> , 2015, 120, 871-882.	1.4	20
309	Cortical activity during cued picture naming predicts individual differences in stuttering frequency. <i>Clinical Neurophysiology</i> , 2016, 127, 3093-3101.	0.7	20
310	Cortical spreading depolarization increases adult neurogenesis, and alters behavior and hippocampus-dependent memory in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1776-1790.	2.4	20
311	Impact of sleep disordered breathing on short-term post-operative outcome after elective coronary artery bypass graft surgery: a prospective observational study. <i>European Respiratory Journal</i> , 2017, 49, 1601486.	3.1	20
312	Dysregulation of chemokine receptor expression and function in leukocytes from ALS patients. <i>Journal of Neuroinflammation</i> , 2018, 15, 99.	3.1	20
313	Divide or Commit – Revisiting the Role of Cell Cycle Regulators in Adult Hippocampal Neurogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 55.	1.8	20
314	Post-hypoxic action (intention) myoclonus: a clinico-electroencephalographic study. <i>Journal of Neurology</i> , 1988, 235, 214-218.	1.8	19
315	Thalamocortical circuits causing remote hypometabolism during focal interictal epilepsy. <i>Epilepsy Research</i> , 1998, 32, 379-387.	0.8	19
316	Isolated reversible splenial lesion in tick-borne encephalitis: A case report and literature review. <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 430-433.	0.6	19
317	Differences in somatosensory and motor improvement during temporary functional deafferentation in stroke patients and healthy subjects. <i>Behavioural Brain Research</i> , 2013, 252, 110-116.	1.2	19
318	Behavioural and neurofunctional impact of transcranial direct current stimulation on somatosensory learning. <i>Human Brain Mapping</i> , 2016, 37, 1277-1295.	1.9	19
319	Gastric dysmotility in Parkinson's disease is not caused by alterations of the gastric pacemaker cells. <i>Npj Parkinson's Disease</i> , 2019, 5, 15.	2.5	19
320	Applying the D50 disease progression model to gray and white matter pathology in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2020, 25, 102094.	1.4	19
321	In vivo biomarkers of structural and functional brain development and aging in humans. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 142-164.	2.9	19
322	Voxel-Based MRI Intensitometry Reveals Extent of Cerebral White Matter Pathology in Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2014, 9, e104894.	1.1	19
323	Separation of different types of afterpotentials following penicillin-induced paroxysmal depolarization shifts of neurons in the motor cortex of the rat. <i>Neuroscience Letters</i> , 1989, 101, 51-56.	1.0	18
324	Afterpotentials following penicillin-induced paroxysmal depolarizations in rat hippocampal CA1 pyramidal cells in vitro. <i>Pflügers Archiv European Journal of Physiology</i> , 1991, 417, 469-478.	1.3	18

#	ARTICLE	IF	CITATIONS
325	Local Lyapunov exponents detect epileptic zones in spike-less interictal MEG recordings. <i>Clinical Neurophysiology</i> , 2001, 112, 60-67.	0.7	18
326	Developing fetal motor-cardiovascular coordination analyzed from multi-channel magnetocardiography. <i>Physiological Measurement</i> , 2014, 35, 1943-1959.	1.2	18
327	The impact of eye closure on somatosensory perception in the elderly. <i>Behavioural Brain Research</i> , 2015, 293, 89-95.	1.2	18
328	Parallel processing of somatosensory information: Evidence from dynamic causal modeling of MEG data. <i>NeuroImage</i> , 2015, 118, 193-198.	2.1	18
329	Vertigo and the processing of vestibular information: A review in the context of predictive coding. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 379-387.	2.9	18
330	Inpatient treatment of patients with acute idiopathic peripheral facial palsy: A population-based healthcare research study. <i>Clinical Otolaryngology</i> , 2017, 42, 1267-1274.	0.6	18
331	Transcriptional profiling reveals protective mechanisms in brains of long-lived mice. <i>Neurobiology of Aging</i> , 2017, 52, 23-31.	1.5	18
332	Heparin for prophylaxis of venous thromboembolism in intracerebral haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 783-791.	0.9	18
333	Very Low Frequency Heart Rate Variability Predicts the Development of Post-Stroke Infections. <i>Translational Stroke Research</i> , 2019, 10, 607-619.	2.3	18
334	Palatal Tremor of Cortical Origin Presenting as Epilepsia Partialis Continua. <i>Epilepsia</i> , 1995, 36, 207-209.	2.6	17
335	Coupling of cortical and thalamic metabolism in experimentally induced visual and somatosensory focal epilepsy. <i>Epilepsy Research</i> , 1997, 27, 127-137.	0.8	17
336	Brain Hypometabolism in a Model of Chronic Focal Epilepsy in Rat Neocortex. <i>Epilepsia</i> , 1998, 39, 339-346.	2.6	17
337	Intact Functional Inhibition in the Surround of Experimentally Induced Focal Cortical Dysplasias in Rats. <i>Journal of Neurophysiology</i> , 2000, 84, 600-603.	0.9	17
338	Impaired Synaptic Plasticity in the Surround of Perinatally Acquired Dysplasia in Rat Cerebral Cortex. <i>Cerebral Cortex</i> , 2004, 14, 1081-1087.	1.6	17
339	Bilateral Vertebral Artery Dissection After Chiropractic Maneuver. <i>Klinische Neuroradiologie</i> , 2010, 20, 255-259.	0.9	17
340	Assessment of fetal maturation age by heart rate variability measures using random forest methodology. <i>Computers in Biology and Medicine</i> , 2016, 70, 157-162.	3.9	17
341	Gene and pathway level analyses of germline DNA-repair gene variants and prostate cancer susceptibility using the iCOGS-genotyping array. <i>British Journal of Cancer</i> , 2016, 114, 945-952.	2.9	17
342	Weather, Weather Changes and the Risk of Bell's Palsy: A Multicenter Case-Crossover Study. <i>Neuroepidemiology</i> , 2018, 51, 207-215.	1.1	17

#	ARTICLE	IF	CITATIONS
343	Disease progression impacts health-related quality of life in amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 2019, 397, 92-95.	0.3	17
344	Mismatch of Visual-Vestibular Information in Virtual Reality: Is Motion Sickness Part of the Brains Attempt to Reduce the Prediction Error?. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 757735.	1.0	17
345	Acetylcholine responses of identified neurons in <i>Helix pomatia</i> . II. pharmacological properties of acetylcholine responses. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1985, 80, 25-35.	0.2	16
346	Calcium-dependent potassium current following penicillin-induced epileptiform discharges in the hippocampal slice. <i>Experimental Brain Research</i> , 1989, 78, 646-8.	0.7	16
347	Inhibitory mechanisms terminating paroxysmal depolarization shifts in hippocampal neurons of rats. <i>Neuroscience Letters</i> , 1994, 176, 71-74.	1.0	16
348	Inhibitory mechanisms in epileptiform activity induced by low magnesium. <i>Pflugers Archiv European Journal of Physiology</i> , 1995, 430, 238-245.	1.3	16
349	Isolated <i>Echinococcus granulosus</i> hydatid cyst in the CNS with severe reaction to treatment. <i>Neurology</i> , 1999, 52, 1100-1100.	1.5	16
350	Suppression of proteasome C2 contralateral to ischemic lesions in rat brain. <i>Brain Research</i> , 2000, 858, 386-392.	1.1	16
351	Fractional anisotropy correlates with auditory simple reaction time performance. <i>Brain Research</i> , 2007, 1186, 194-202.	1.1	16
352	Morg1+ heterozygous mice are protected from experimentally induced focal cerebral ischemia. <i>Brain Research</i> , 2012, 1482, 22-31.	1.1	16
353	Reliable in vivo identification of both GABAergic and glutamatergic neurons using Emx1-Cre driven fluorescent reporter expression. <i>Cell Calcium</i> , 2012, 52, 182-189.	1.1	16
354	Experience-dependent brain plasticity after stroke: effect of ibuprofen and poststroke delay. <i>European Journal of Neuroscience</i> , 2012, 36, 2632-2639.	1.2	16
355	Disrupted functional connectivity of the default mode network due to acute vestibular deficit. <i>NeuroImage: Clinical</i> , 2014, 6, 109-114.	1.4	16
356	Consistent and reproducible staining of glia by a modified Golgi-Cox method. <i>Journal of Neuroscience Methods</i> , 2015, 256, 141-150.	1.3	16
357	The Effect of Spinal Tap Test on Different Sensory Modalities of Postural Stability in Idiopathic Normal Pressure Hydrocephalus. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2017, 6, 447-457.	0.6	16
358	Changes in Oral Microbial Ecology of C57BL/6 Mice at Different Ages Associated with Sampling Methodology. <i>Microorganisms</i> , 2019, 7, 283.	1.6	16
359	Amitosencence and Pseudomitosenescence: Putative New Players in the Aging Process. <i>Cells</i> , 2019, 8, 1546.	1.8	16
360	What Predicts Different Kinds of Nonadherent Behavior in Elderly People With Parkinson's Disease?. <i>Frontiers in Medicine</i> , 2020, 7, 103.	1.2	16

#	ARTICLE	IF	CITATIONS
361	Disease aggressiveness signatures of amyotrophic lateral sclerosis in white matter tracts revealed by the <sc>D50</sc> disease progression model. <i>Human Brain Mapping</i> , 2021, 42, 737-752.	1.9	16
362	A limited role of NKCC1 in telencephalic glutamatergic neurons for developing hippocampal network dynamics and behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	16
363	Cerebellar Hypometabolism in Focal Epilepsy Is Related to Age of Onset and Drug Intoxication. <i>Epilepsia</i> , 1996, 37, 1194-1199.	2.6	15
364	Enhancement of whole cell calcium currents following transient MCAO. <i>Brain Research</i> , 2000, 884, 129-138.	1.1	15
365	Cell swelling and ion redistribution assessed with intrinsic optical signals. <i>Anais Da Academia Brasileira De Ciencias</i> , 2001, 73, 337-350.	0.3	15
366	Recovery of glucocorticoid-related loss of synaptic density in the fetal sheep brain at 0.75 of gestation. <i>Neuroscience Letters</i> , 2004, 364, 130-134.	1.0	15
367	Impaired evoked and resting-state brain oscillations in patients with liver cirrhosis as revealed by magnetoencephalography. <i>NeuroImage: Clinical</i> , 2013, 2, 873-882.	1.4	15
368	Study protocol: prediction of stroke associated infections by markers of autonomic control. <i>BMC Neurology</i> , 2014, 14, 9.	0.8	15
369	Validation of functional fetal autonomic brain age score fABAS in 5-min short recordings. <i>Physiological Measurement</i> , 2015, 36, 2369-2378.	1.2	15
370	A novel questionnaire to measure staff perception of end-of-life decision making in the intensive care unit – Development and psychometric testing. <i>Journal of Critical Care</i> , 2015, 30, 187-195.	1.0	15
371	Biomarkers for Dementia, Fatigue, and Depression in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2019, 10, 195.	1.1	15
372	Microglia-mediated phagocytosis of apoptotic nuclei is impaired in the adult murine hippocampus after stroke. <i>Glia</i> , 2021, 69, 2006-2022.	2.5	15
373	Susceptibility-Weighted Imaging Provides Insight into White Matter Damage in Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2015, 10, e0131114.	1.1	15
374	Optical imaging of epileptiform activity in experimentally induced cortical malformations. <i>Experimental Neurology</i> , 2005, 192, 288-298.	2.0	14
375	Impairment of functional inhibition in the contralateral cortex following perinatally acquired malformations in rats. <i>Experimental Neurology</i> , 2006, 201, 270-274.	2.0	14
376	Causality in the relationship between central sleep apnea and paroxysmal atrial fibrillation. <i>Sleep Medicine</i> , 2008, 9, 462-464.	0.8	14
377	Reconstruction of quasi-radial dipolar activity using three-component magnetic field measurements. <i>Clinical Neurophysiology</i> , 2012, 123, 1581-1585.	0.7	14
378	Primary somatosensory contextual modulation is encoded by oscillation frequency change. <i>Clinical Neurophysiology</i> , 2015, 126, 1769-1779.	0.7	14

#	ARTICLE	IF	CITATIONS
379	The Processing of Somatosensory Information Shifts from an Early Parallel into a Serial Processing Mode: A Combined fMRI/MEG Study. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 103.	1.2	14
380	Measuring eye states in functional MRI. <i>BMC Neuroscience</i> , 2016, 17, 48.	0.8	14
381	The Use of Ostrich Eggs for In Ovo Research: Making Preclinical Imaging Research Affordable and Available. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1901-1906.	2.8	14
382	<p>Comparison of anonymous versus nonanonymous responses to a medication adherence questionnaire in patients with Parkinson’s disease</p>. <i>Patient Preference and Adherence</i> , 2019, Volume 13, 151-155.	0.8	14
383	Modelling disease course in amyotrophic lateral Sclerosis: pseudo-longitudinal insights from cross-sectional health-related quality of life data. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 117.	1.0	14
384	Epigenetic Modifications Associated with Maternal Anxiety during Pregnancy and Children&TM;s Behavioral Measures. <i>Cells</i> , 2021, 10, 2421.	1.8	14
385	Pharmacological Depletion of Microglia Leads to a Dose-Dependent Reduction in Inflammation and Senescence in the Aged Murine Brain. <i>Neuroscience</i> , 2022, 488, 1-9.	1.1	14
386	Use-dependent cortical plasticity in thalidomide-induced upper extremity dysplasia: evidence from somaesthesia and neuroimaging. <i>Experimental Brain Research</i> , 2004, 156, 333-341.	0.7	13
387	Shrinkage of Somatosensory Hand Area in Subjects With Upper Extremity Dymelia Revealed by Magnetoencephalography. <i>Journal of Neurophysiology</i> , 2005, 93, 813-818.	0.9	13
388	Substitution of anticonvulsant drugs. <i>Therapeutics and Clinical Risk Management</i> , 2009, 5, 449.	0.9	13
389	Isolated central nervous system relapse of chronic myeloid leukemia after allogeneic hematopoietic stem cell transplantation. <i>BMC Blood Disorders</i> , 2012, 12, 9.	0.9	13
390	Cortical Spreading Depolarization Stimulates Gliogenesis in the Rat Entorhinal Cortex. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 576-582.	2.4	13
391	Increased Frataxin Levels Protect Retinal Ganglion Cells After Acute Ischemia/Reperfusion in the Mouse Retina In Vivo. , 2016, 57, 4115.		13
392	Dysautonomia in prodromal Î±â€šynucleinopathy: peripheral versus central autonomic degeneration. <i>European Journal of Neurology</i> , 2016, 23, 878-890.	1.7	13
393	Impact of transcranial direct current stimulation on structural plasticity of the somatosensory system. <i>Journal of Neuroscience Research</i> , 2018, 96, 1367-1379.	1.3	13
394	Small Extracellular Vesicles from Peripheral Blood of Aged Mice Pass the Blood-Brain Barrier and Induce Glial Cell Activation. <i>Cells</i> , 2022, 11, 625.	1.8	13
395	Continuous measurement of pentylene-tetrazol concentration by a liquid ion exchanger microelectrode. <i>Journal of Neuroscience Methods</i> , 1984, 11, 187-192.	1.3	12
396	Acetylcholine responses of identified neurons in helix pomatia"iii. ionic composition of the depolarizing currents induced by acetylcholine. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1985, 80, 37-45.	0.2	12

#	ARTICLE	IF	CITATIONS
397	Separation of different interictal discharge patterns in acute experimentally induced epileptic foci of the rat in vivo. <i>Brain Research</i> , 1993, 616, 303-306.	1.1	12
398	Epileptic activity can induce both long-lasting potentiation and long-lasting depression. <i>Brain Research</i> , 1994, 653, 340-344.	1.1	12
399	Metabolic and electrophysiological alterations in an animal model of neocortical neuronal migration disorder. <i>NeuroReport</i> , 2001, 12, 2001-2006.	0.6	12
400	Reduced somatosensory hand representation in thalidomide-induced dysmelia as revealed by fMRI. <i>European Journal of Neuroscience</i> , 2005, 21, 556-562.	1.2	12
401	Task requirements change signal strength of the primary somatosensory M50: Oddball vs. one-back tasks. <i>Psychophysiology</i> , 2011, 48, 569-577.	1.2	12
402	Atypical posthypoxic MRI changes in hypermetabolic regions in anti-NMDA-receptor encephalitis. <i>Neurology</i> , 2012, 79, 720-721.	1.5	12
403	Sensory Syndromes. <i>Frontiers of Neurology and Neuroscience</i> , 2012, 30, 4-8.	3.0	12
404	Perceptual plasticity is mediated by connectivity changes of the medial thalamic nucleus. <i>Human Brain Mapping</i> , 2013, 34, 2343-2352.	1.9	12
405	Transcranial brainstem sonography as a diagnostic tool for amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2014, 15, 244-249.	1.1	12
406	Sleep Apnea and Asymptomatic Carotid Stenosis. <i>Chest</i> , 2015, 147, 1029-1036.	0.4	12
407	The importance of the negative blood-oxygenation-level-dependent (BOLD) response in the somatosensory cortex. <i>Reviews in the Neurosciences</i> , 2015, 26, 647-653.	1.4	12
408	Pre-operative stroke and neurological disability do not independently affect short- and long-term mortality in infective endocarditis patients. <i>Clinical Research in Cardiology</i> , 2016, 105, 847-857.	1.5	12
409	Clinical Presentation, Magnetic Resonance Angiography, Ultrasound Findings, and Stroke Patterns in Patients with Vertebral Artery Dissection. <i>European Neurology</i> , 2016, 76, 284-294.	0.6	12
410	The Influence of Eye Closure on Somatosensory Discrimination: A Trade-off Between Simple Perception and Discrimination. <i>Cerebral Cortex</i> , 2017, 27, 3231-3239.	1.6	12
411	Tissue-, sex-, and age-specific DNA methylation of rat glucocorticoid receptor gene promoter and insulin-like growth factor 2 imprinting control region. <i>Physiological Genomics</i> , 2017, 49, 690-702.	1.0	12
412	DNA strand breaks and TDP-43 mislocation are absent in the murine hSOD1G93A model of amyotrophic lateral sclerosis in vivo and in vitro. <i>PLoS ONE</i> , 2017, 12, e0183684.	1.1	12
413	Association between different coping styles and health-related quality of life in people with Parkinson's disease: a cross-sectional study. <i>BMJ Open</i> , 2020, 10, e036870.	0.8	12
414	Association between malnutrition, clinical parameters and health-related quality of life in elderly hospitalized patients with Parkinson's disease: A cross-sectional study. <i>PLoS ONE</i> , 2020, 15, e0232764.	1.1	12

#	ARTICLE	IF	CITATIONS
415	Patterns of grey and white matter changes differ between bulbar and limb onset amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2021, 30, 102674.	1.4	12
416	Calcium Ion Involvement in Epileptogenesis. <i>The American Journal of EEG Technology</i> , 1987, 27, 223-238.	0.3	11
417	Reorganized cerebral metabolic interactions in temporal lobe epilepsy. <i>Neuropsychologia</i> , 1999, 37, 625-636.	0.7	11
418	Temporal lobe epilepsy with sensory aura: interictal glucose hypometabolism. <i>Epilepsy Research</i> , 2000, 38, 139-149.	0.8	11
419	A combined treatment with 1 α ,25-dihydroxy-vitamin D3 and 17 β -estradiol reduces the expression of heat shock protein-32 (HSP-32) following cerebral cortical ischemia. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 89-90, 371-374.	1.2	11
420	Impairment of small somatic and autonomic nerve fibres in intensive care unit patients with severe sepsis and critical illness polyneuropathy – a single center controlled observational study. <i>BMC Neurology</i> , 2013, 13, 159.	0.8	11
421	Stress-induced decrease of uterine blood flow in sheep is mediated by alpha 1-adrenergic receptors. <i>Stress</i> , 2016, 19, 547-551.	0.8	11
422	What you get from what you see: Parametric assessment of visual processing capacity in multiple sclerosis and its relation to cognitive fatigue. <i>Cortex</i> , 2016, 83, 167-180.	1.1	11
423	In Older Patients Treated for Dizziness and Vertigo in Multimodal Rehabilitation Somatic Deficits Preval While Anxiety Plays a Minor Role Compared to Young and Middle Aged Patients. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 345.	1.7	11
424	Investigation of mitochondrial calcium uniporter role in embryonic and adult motor neurons from G93AhSOD1 mice. <i>Neurobiology of Aging</i> , 2019, 75, 209-222.	1.5	11
425	Stroke accelerates and uncouples intrinsic and synaptic excitability maturation of mouse hippocampal DCX+ adult-born granule cells. <i>Journal of Neuroscience</i> , 2019, 39, 3303-17.	1.7	11
426	Maternal psychosocial stress during early gestation impairs fetal structural brain development in sheep. <i>Stress</i> , 2020, 23, 233-242.	0.8	11
427	Microbiota profiling in aging-associated inflammation and liver degeneration. <i>International Journal of Medical Microbiology</i> , 2021, 311, 151500.	1.5	11
428	Association of Intraventricular Fibrinolysis With Clinical Outcomes in Intracerebral Hemorrhage: An Individual Participant Data Meta-Analysis. <i>Stroke</i> , 2022, 53, 2876-2886.	1.0	11
429	Effects of tetanus toxin on functional inhibition after injection in separate cortical areas in rat. <i>Brain Research</i> , 1999, 818, 127-134.	1.1	10
430	Does the Clinical Phenotype of Fatal Familial Insomnia Depend on <i>PRNP</i> codon 129 Methionine-Valine Polymorphism?. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 1343-1345.	1.4	10
431	Age-dependent modulation of the somatosensory network upon eye closure. <i>Behavioural Brain Research</i> , 2016, 298, 52-56.	1.2	10
432	Universal characteristics of evolution and development are inherent in fetal autonomic brain maturation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 212, 32-41.	1.4	10

#	ARTICLE	IF	CITATIONS
433	Developing a Neuroimaging Biomarker for Amyotrophic Lateral Sclerosis: Multi-Center Data Sharing and the Road to a "Global Cohort". <i>Frontiers in Neurology</i> , 2018, 9, 1055.	1.1	10
434	The impact of motor impairment on the processing of sensory information. <i>Behavioural Brain Research</i> , 2019, 359, 701-708.	1.2	10
435	Non-idiopathic peripheral facial palsy: prognostic factors for outcome. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 3227-3235.	0.8	10
436	Association Between Nonmotor Symptoms and Nonadherence to Medication in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 551696.	1.1	10
437	Surgical Timing in Patients With Infective Endocarditis and With Intracranial Hemorrhage: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2022, 11, e024401.	1.6	10
438	Postlesional transcriptional regulation of metabotropic glutamate receptors: implications for plasticity and excitotoxicity. <i>Acta Neuropathologica</i> , 2001, 101, 79-84.	3.9	9
439	Dysfunctional NF- κ B and brain myelin formation. <i>European Journal of Human Genetics</i> , 2014, 22, 724-725.	1.4	9
440	Immunohistochemistry and Multiple Labeling with Antibodies from the Same Host Species to Study Adult Hippocampal Neurogenesis. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	9
441	Perceived cognitive impairments after critical illness: a longitudinal study in survivors and family member controls. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 1121-1130.	0.7	9
442	Transfer of Patients in a Telestroke Network: What Are the Relevant Factors for Making This Decision?. <i>Telemedicine Journal and E-Health</i> , 2018, 24, 116-120.	1.6	9
443	Data on adherence to medication in neurological patients using the German Stendal Adherence to Medication Score (SAMS). <i>Data in Brief</i> , 2019, 23, 103855.	0.5	9
444	Impact of an In-Hospital Endocarditis Team and a State-Wide Endocarditis Network on Perioperative Outcomes. <i>Journal of Clinical Medicine</i> , 2021, 10, 4734.	1.0	9
445	Gunshot-Induced Artery Dissection With Twelfth Nerve Palsy. <i>Archives of Neurology</i> , 2003, 60, 280.	4.9	8
446	Stable expression of the vesicular GABA transporter following photothrombotic infarct in rat brain. <i>Neuroscience</i> , 2006, 140, 865-877.	1.1	8
447	Functional mapping of cortical areas with optical imaging. <i>NeuroImage</i> , 2007, 37, 440-448.	2.1	8
448	Prevention of episodic migraine with topiramate: a prospective 24-week, open-label, flexible-dose clinical trial with optional 24 weeks follow-up in a community setting. <i>Current Medical Research and Opinion</i> , 2010, 26, 1119-1129.	0.9	8
449	Compensatory quadrant-hyperhidrosis after contralateral intrathoracic surgery: a case report. <i>Journal of Medical Case Reports</i> , 2013, 7, 24.	0.4	8
450	How to Manage Thrombolysis Interruptions in Acute Stroke?. <i>Clinical Neuropharmacology</i> , 2015, 38, 85-88.	0.2	8

#	ARTICLE	IF	CITATIONS
451	Novel computer vision algorithm for the reliable analysis of organelle morphology in whole cell 3D images â€” A pilot study for the quantitative evaluation of mitochondrial fragmentation in amyotrophic lateral sclerosis. <i>Mitochondrion</i> , 2015, 25, 49-59.	1.6	8
452	Slowed peak resting frequency and MEG overactivation in survivors of severe sepsis and septic shock. <i>Clinical Neurophysiology</i> , 2016, 127, 1247-1253.	0.7	8
453	Bilateral vestibulopathy with positive Tullio phenomenon. <i>Laryngoscope</i> , 2018, 128, 1223-1225.	1.1	8
454	Enhancement of face-sensitive ERPs in older adults induced by face recognition training. <i>Neuropsychologia</i> , 2018, 119, 197-213.	0.7	8
455	Self-Reported Nonadherence Predicts Changes of Medication after Discharge from Hospital in People with Parkinsonâ€™s Disease. <i>Parkinson's Disease</i> , 2020, 2020, 1-8.	0.6	8
456	Acetylcholine responses of identified neurons in <i>Helix pomatia</i> â€™I. interactions between acetylcholine-induced and potential-dependent membrane conductances. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1985, 80, 15-23.	0.2	7
457	Use-related gene expression patterns of rat motor cortex. <i>NeuroReport</i> , 2002, 13, 953-956.	0.6	7
458	Cortical Blindness After Catheter Angiography. <i>Neurocritical Care</i> , 2005, 3, 059-060.	1.2	7
459	Diffuse cystic leucoencephalopathy after buprenorphine injection. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 890-891.	0.9	7
460	Betamethasone-related acute alterations of microtubule-associated proteins in the fetal sheep brain are reversible and independent of age during the last one-third of gestation. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 196, 553.e1-553.e6.	0.7	7
461	Alveolar hypoventilation as an early symptom of muscle weakness in facioscapulohumeral muscular dystrophy. <i>Sleep Medicine</i> , 2009, 10, 592-593.	0.8	7
462	Method to quantify accuracy of position feedback signals of a three-dimensional two-photon laser-scanning microscope. <i>Biomedical Optics Express</i> , 2015, 6, 3678.	1.5	7
463	Frataxin overexpression in MÃ¼ller cells protects retinal ganglion cells in a mouse model of ischemia/reperfusion injury in vivo. <i>Scientific Reports</i> , 2018, 8, 4846.	1.6	7
464	Poor emotional well-being is associated with rapid progression in amyotrophic lateral sclerosis. <i>ENeurologicalSci</i> , 2019, 16, 100198.	0.5	7
465	Acute Stroke Treatment by Surgical Recanalization of Extracranial Internal Carotid Artery Occlusion: A Single Center Experience. <i>Vascular and Endovascular Surgery</i> , 2019, 53, 21-27.	0.3	7
466	The Effect of Endovascular Thrombectomy Studies on the Decision to Transfer Patients in a Telestroke Network. <i>Telemedicine Journal and E-Health</i> , 2020, 26, 388-394.	1.6	7
467	Acute Encephalopathy and Cardiac Arrest Induced by Intrathecal Gadolinium Administration. <i>Clinical Neuroradiology</i> , 2020, 30, 629-631.	1.0	7
468	Cardiovascular effects of prenatal stressâ€™Are there implications for cerebrovascular, cognitive and mental health outcome?. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 78-97.	2.9	7

#	ARTICLE	IF	CITATIONS
469	Current and Desired Quality of Life in People with Parkinson's Disease: The Calman Gap Increases with Depression. <i>Journal of Clinical Medicine</i> , 2020, 9, 1496.	1.0	7
470	Sicca Symptoms in Parkinson's Disease: Association with Other Nonmotor Symptoms and Health-Related Quality of Life. <i>Parkinson's Disease</i> , 2020, 2020, 1-7.	0.6	7
471	2-7.	0.2	7
472	Reduction of calcium currents in identified neurons of <i>Helix pomatia</i> : Intracellular injection of D890. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1984, 77, 211-217.	0.2	6
473	Differential responsiveness of neocortical areas in the parieto-occipital region to low-intensity stimulation in vitro. <i>Journal of Neurophysiology</i> , 1996, 76, 622-625.	0.9	6
474	Systemically administered cycloheximide reduces inhibition in rat neocortical slice preparation. <i>Brain Research</i> , 1996, 743, 329-332.	1.1	6
475	Early-onset multisystem degeneration with central motor, autonomic and optic nerve disturbances: unusual Riley-Day syndrome or new clinical entity?. <i>Journal of the Neurological Sciences</i> , 1998, 154, 205-208.	0.3	6
476	Hyponatremic encephalopathy caused by desmopressin-induced hyponatremia. <i>Journal of Neurology</i> , 2005, 252, 1411-1413.	1.8	6
477	Possible transcallosal seizure induction by paired pulse transcranial magnetic stimulation in a patient with frontal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 454-455.	0.9	6
478	NF- κ B controls axonal regeneration and degeneration through cell-specific balance of RelA and p50 in the adult CNS. <i>Journal of Cell Science</i> , 2014, 127, 4329-4329.	1.2	6
479	Pro-apoptotic function of GABA-related transcripts following stroke. <i>Neurobiology of Disease</i> , 2014, 70, 237-244.	2.1	6
480	In vivo Imaging of Optic Nerve Fiber Integrity by Contrast-Enhanced MRI in Mice. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	6
481	Dual Task Effects on Visual Attention Capacity in Normal Aging. <i>Frontiers in Psychology</i> , 2018, 9, 1564.	1.1	6
482	Triage of Amyotrophic Lateral Sclerosis Patients during the COVID-19 Pandemic: An Application of the D50 Model. <i>Journal of Clinical Medicine</i> , 2020, 9, 2873.	1.0	6
483	A case-crossover study on the effect of short-term exposure to moderate levels of air pollution on the risk of heart failure. <i>ESC Heart Failure</i> , 2020, 7, 3851-3858.	1.4	6
484	The Temporal and Spatial Dynamics of Cortical Emotion Processing in Different Brain Frequencies as Assessed Using the Cluster-Based Permutation Test: An MEG Study. <i>Brain Sciences</i> , 2020, 10, 352.	1.1	6
485	Abnormal Emotional Processing and Emotional Experience in Patients with Peripheral Facial Nerve Palsy: An MEG Study. <i>Brain Sciences</i> , 2020, 10, 147.	1.1	6
486	Impact of subthreshold depression on health-related quality of life in patients with Parkinson's disease based on cognitive status. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 107.	1.0	6

#	ARTICLE	IF	CITATIONS
487	Sepsis promotes gliogenesis and depletes the pool of radial glia like stem cells in the hippocampus. <i>Experimental Neurology</i> , 2021, 338, 113591.	2.0	6
488	Monocyte-Derived Macrophages Contribute to Chitinase Dysregulation in Amyotrophic Lateral Sclerosis: A Pilot Study. <i>Frontiers in Neurology</i> , 2021, 12, 629332.	1.1	6
489	NFDI-Neuro: building a community for neuroscience research data management in Germany. <i>Neuroforum</i> , 2021, .	0.2	6
490	Concentration Dependence of Bicarbonate-Induced Calcium Current Modulation. <i>Journal of Neurophysiology</i> , 2000, 84, 2277-2283.	0.9	5
491	Organic bipolar disorder occurring together with spontaneous intracranial hypotension. <i>Psychiatry Research - Neuroimaging</i> , 2004, 131, 177-183.	0.9	5
492	Cerebral involvement in a patient with Goodpasture's disease due to shortened induction therapy: a case report. <i>Journal of Medical Case Reports</i> , 2009, 3, 120.	0.4	5
493	Unilateral optic neuropathy following subdural hematoma: a case report. <i>Journal of Medical Case Reports</i> , 2010, 4, 19.	0.4	5
494	Effect of Intravenous Thrombolysis on the Time Course of the Apparent Diffusion Coefficient in Acute Middle Cerebral Artery Infarction. <i>Journal of Neuroimaging</i> , 2015, 25, 978-982.	1.0	5
495	Automatic affective responses towards the bed in patients with primary insomnia: evidence for a negativity bias. <i>Journal of Sleep Research</i> , 2018, 27, 215-219.	1.7	5
496	Detailed morphological analysis of rat hippocampi treated with CSF autoantibodies from patients with anti-NMDAR encephalitis discloses two distinct types of immunostaining patterns. <i>Brain Research</i> , 2020, 1747, 147033.	1.1	5
497	Risk of postoperative neurological exacerbation in patients with infective endocarditis and intracranial haemorrhage. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 426-433.	0.6	5
498	Voluntary Wheel Running in Old C57BL/6 Mice Reduces Age-Related Inflammation in the Colon but Not in the Brain. <i>Cells</i> , 2022, 11, 566.	1.8	5
499	Age-dependent expression changes of circadian system-related genes reveal a potentially conserved link to aging. <i>Aging</i> , 2021, 13, 25694-25716.	1.4	5
500	Recording of neuronal network properties with near-infrared dark-field microscopy and microelectrodes. <i>Electrochimica Acta</i> , 1997, 42, 3241-3246.	2.6	4
501	Extracranial Origin of Spike and Myoclonus Activity in Epilepsia Partialis Continua: A Magnetoencephalographic and Positron Emission Tomography Study. <i>Journal of Neuroimaging</i> , 1998, 8, 103-106.	1.0	4
502	The combined use of non-radioactive in situ hybridization and real-time RT-PCR to assess gene expression in cryosections. <i>Brain Research</i> , 2006, 1118, 232-238.	1.1	4
503	Aneurysm of the Extracranial Carotid Artery with Spontaneous Echo Contrast Revealed by Duplex Sonography. <i>Ultraschall in Der Medizin</i> , 2007, 28, 216-218.	0.8	4
504	Extending the potential of perfusion imaging with MRI to prevent major stroke. <i>Lancet Neurology</i> , The, 2007, 6, 102-104.	4.9	4

#	ARTICLE	IF	CITATIONS
505	A case with coincidental diagnosis of primary central nervous system lymphoma and lymph node sarcoidosis. <i>Journal of Neuro-Oncology</i> , 2010, 99, 129-134.	1.4	4
506	The loss of neural synchrony in the post septic brain. <i>Clinical Neurophysiology</i> , 2016, 127, 2200-2207.	0.7	4
507	Modality-independent reduction mechanisms of primary sensory evoked fields in a one-back task. <i>NeuroImage</i> , 2016, 124, 918-922.	2.1	4
508	Not your average Saturday night palsyâ€“High resolution nerve ultrasound resolves rare cause of wrist drop. <i>Clinical Neurology and Neurosurgery</i> , 2018, 172, 160-161.	0.6	4
509	Reproducibility of in-hospital worsening heart failure event adjudication in the RELAXâ€“AHFâ€“EU trial. <i>European Journal of Heart Failure</i> , 2019, 21, 1661-1662.	2.9	4
510	â€œTo rout or snort in the sleepeâ€“a detailed medical description of sleep-disordered breathing and its consequences by Georg Grau in 1688. <i>European Respiratory Journal</i> , 2019, 53, 1801799.	3.1	4
511	Interferonâ€“3 Receptor 1 and GluR1 upregulated in motor neurons of symptomatic hSOD 1G93A mice. <i>European Journal of Neuroscience</i> , 2019, 49, 62-78.	1.2	4
512	Measuring Anxiety in Older Adults: Development, Diagnostic Accuracy, and Preliminary Validation of a Short-Form of the German Geriatric Anxiety Scale (GAS-G-SF). <i>Journal of Personality Assessment</i> , 2020, 102, 196-204.	1.3	4
513	Cognitive deficits have only limited influence on health-related quality of life in amyotrophic lateral sclerosis. <i>Aging and Mental Health</i> , 2020, 24, 1963-1967.	1.5	4
514	Outcome of Older Patients with Acute Neuropsychological Symptoms Not Fulfilling Criteria of Delirium. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 1469-1475.	1.3	4
515	Weather conditions associated with subarachnoid hemorrhage: a multicenter case-crossover study. <i>BMC Neurology</i> , 2021, 21, 283.	0.8	4
516	Photochemical and Endothelin Models of Focal Brain Ischemia. <i>NeuroMethods</i> , 2010, , 71-83.	0.2	4
517	Impairment of Brain Plasticity by Brain Inflammation. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2016, 224, 133-138.	0.7	4
518	Acetylcholine responses in snail neurons: Increase and decrease in potassium conductance succeeding inward currents. <i>Brain Research</i> , 1985, 347, 313-320.	1.1	3
519	Low-frequency respiratory rhythms in infants during the first six months of life. <i>Clinical Physiology</i> , 2000, 20, 200-211.	0.7	3
520	Lack of effect of antenatal glucocorticoid therapy in the fetal baboon on cerebral cortical glucose transporter proteins. <i>Journal of Medical Primatology</i> , 2007, 36, 17-20.	0.3	3
521	Specially designed palate prosthesis reconstitutes speech in amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2012, 13, 560-561.	2.3	3
522	Muskelultraschall in der neurologischen Diagnostik â€“ ein Ãœberblick. <i>Neurophysiologie-Labor</i> , 2013, 35, 47-60.	0.0	3

#	ARTICLE	IF	CITATIONS
523	Development of somatosensory-evoked potentials in foetal sheep: effects of betamethasone. <i>Acta Physiologica</i> , 2017, 220, 137-149.	1.8	3
524	Talk About Thrombolysis. Regular Case-Based Discussions of Stroke Thrombolysis Improve Door-to-Needle Time by 20%. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 876-881.	0.7	3
525	Automated emotion classification in the early stages of cortical processing: An MEG study. <i>Artificial Intelligence in Medicine</i> , 2021, 115, 102063.	3.8	3
526	The Right Hemisphere Is Responsible for the Greatest Differences in Human Brain Response to High-Arousing Emotional versus Neutral Stimuli: A MEG Study. <i>Brain Sciences</i> , 2021, 11, 960.	1.1	3
527	Plasticity During Short-Term Visual Deprivation. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2016, 224, 125-132.	0.7	3
528	Poststroke dendritic arbor regrowth requires the actin nucleator Cobl. <i>PLoS Biology</i> , 2021, 19, e3001399.	2.6	3
529	Decrease of potassium permeability by intracellular application of sodium ions in snail neurons. <i>Neuroscience Letters</i> , 1985, 60, 139-143.	1.0	2
530	Transient up-regulation of β -aminobutyric acidA receptor binding by lubeluzole after neocortical specify lesion in rats. <i>Neuroscience Letters</i> , 2000, 296, 125-128.	1.0	2
531	Differential alterations of the inactivation properties of high voltage activated calcium currents in area CA1 and CA3 of the rat following photothrombotic lesion. <i>Neuroscience Letters</i> , 2003, 341, 147-150.	1.0	2
532	Glucose transporter proteins GLUT1 and GLUT3 like immunoreactivities in the fetal sheep brain are not reduced by maternal betamethasone treatment. <i>Neuroscience Letters</i> , 2006, 403, 261-265.	1.0	2
533	$1\hat{\pm}$,25-Dihydroxyvitamin D3 treatment does not alter neuronal cyclooxygenase-2 expression in the cerebral cortex after stroke. <i>Anatomy and Embryology</i> , 2006, 211, 129-137.	1.5	2
534	Carbon monoxide and outcome of stroke—A dream CORM true?*. <i>Critical Care Medicine</i> , 2012, 40, 687-688.	0.4	2
535	Gastroesophageal reflux in differential diagnosis of unclear nocturnal paroxysmal motor events. <i>Sleep Medicine</i> , 2012, 13, 1205-1206.	0.8	2
536	Bihemispheric ischemic tolerance induced by a unilateral focal cortical lesion. <i>Brain Research</i> , 2014, 1570, 54-60.	1.1	2
537	Value of the eazyplex® CSF direct assay in rapid diagnosis of invasive meningococcal disease – Case report. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2018, 65, 309-315.	0.4	2
538	Photoisomerization Neutralizes Vasoconstrictive Activity of a Heme Degradation Product. <i>ACS Omega</i> , 2020, 5, 21401-21411.	1.6	2
539	Research data management in clinical neuroscience: the national research data infrastructure initiative. <i>Neuroforum</i> , 2021, .	0.2	2
540	NF- κ B controls axonal regeneration and degeneration through cell-specific balance of RelA and p50 in the adult CNS. <i>Development (Cambridge)</i> , 2014, 141, e1505-e1505.	1.2	2

#	ARTICLE	IF	CITATIONS
541	Imaging of Wallerian Degeneration in the Brain. <i>Current Medical Imaging</i> , 2008, 4, 71-76.	0.4	2
542	Determination of Brain Death: An Overview with a Special Emphasis on New Ultrasound Techniques for Confirmatory Testing. <i>Open Critical Care Medicine Journal</i> , 2011, 4, 35-43.	0.2	2
543	Neural Plasticity in Rehabilitation and Psychotherapy. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2016, 224, 59-61.	0.7	2
544	Adaptive and Maladaptive Neural Plasticity Due to Facial Nerve Palsy. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2016, 224, 102-111.	0.7	2
545	In-ovo imaging using ostrich eggs: Biomagnetism for detection of cardiac signals and embryonal motion. <i>Experimental Biology and Medicine</i> , 2022, 247, 996-1004.	1.1	2
546	Suppression of focal epileptiform discharges by extracellular application of a calcium antagonist. <i>Cell Calcium</i> , 1984, 5, 318.	1.1	1
547	Differentiation of GABAA receptors in subcortical heterotopias: subunit distribution of displaced cortex reflects original commitment. <i>NeuroReport</i> , 2001, 12, 3413-3417.	0.6	1
548	ACRT-SCTS Scholar Abstracts. <i>Clinical and Translational Science</i> , 2010, 3, S8-S55.	1.5	1
549	Acknowledgment of Reviewers, 2014. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5724-E5760.	3.3	1
550	Acute recanalization and hyperperfusion in MCA territory due to sole t-PA bolus. A case report. <i>Journal of the Neurological Sciences</i> , 2014, 347, 383-384.	0.3	1
551	Acknowledgment of Reviewers, 2016. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8503-E8539.	3.3	1
552	An 82-Year-Old Man With Sleep-Onset Insomnia, Breathing Arrest, and Heart Failure. <i>Chest</i> , 2019, 156, e95-e98.	0.4	1
553	Knowledge, Motivation and Sustainability: Divergent Effects of a Staff Training Program on Residents and Specialists in Acute Stroke Care. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104694.	0.7	1
554	Prenatal stress and brain disorders in later life. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 1-2.	2.9	1
555	Phasic alerting increases visual processing speed in amnesic mild cognitive impairment. <i>Neurobiology of Aging</i> , 2021, 102, 23-31.	1.5	1
556	Reorganization of Motor Representation in a Patient With Epilepsia Partialis Continua as Shown by [O15]-Labeled Butanol Positron Emission Tomography and Functional Magnetic Resonance Imaging. , 2002, 12, 276-281.		1
557	Motor Neuron Diseases and Myopathies: Implications for Perioperative Management and Intensive Care. <i>Open Critical Care Medicine Journal</i> , 2011, 4, 24-27.	0.2	1
558	Shaping the Sensoryâ€“Motor Network by Short-Term Unresolvable Sensoryâ€“Motor Mismatch. <i>Frontiers in Neurology</i> , 2021, 12, 793662.	1.1	1

#	ARTICLE	IF	CITATIONS
559	Optimized Protocol for Proportionate CNS Cell Retrieval as a Versatile Platform for Cellular and Molecular Phenomapping in Aging and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3000.	1.8	1
560	Hirnschädigung durch Epilepsie. <i>Zeitschrift Fur Epileptologie</i> , 2003, 16, 203-206.	0.2	0
561	Neuronal dynamics and cortical oscillations. <i>Journal of Physiology (Paris)</i> , 2006, 99, 1-2.	2.1	0
562	Early stent thrombosis with progressive brainstem infarction in a clopidogrel non-responder. <i>Journal of Neurology</i> , 2010, 257, 1745-1747.	1.8	0
563	Increased neuronal cell number in the dorsal motor nucleus of the vagus in schizophrenia. <i>Acta Neuropsychiatrica</i> , 2010, 22, 26-34.	1.0	0
564	REM sleep related bradyarrhythmia syndrome: Vagal overactivity or dysfunction of the cardiac conduction system?. <i>Sleep Medicine</i> , 2011, 12, 308-308.	0.8	0
565	Decomposition of Somatosensory Evoked Potentials in Rats. <i>Biomedizinische Technik</i> , 2012, 57, .	0.9	0
566	Nervenultraschall bei Polyneuropathie – sinnvoll oder nicht?. <i>Neurophysiologie-Labor</i> , 2014, 36, 10-22.	0.0	0
567	PREDICTORS OF POST-INTENSIVE CARE SYNDROME IN FAMILY MEMBERS OF PATIENTS WITH SEVERE SEPSIS. <i>Intensive Care Medicine Experimental</i> , 2015, 3, A37.	0.9	0
568	Fetal Sheep Mesenteric Resistance Arteries: Functional and Structural Maturation. <i>Journal of Vascular Research</i> , 2017, 54, 259-271.	0.6	0
569	Impact of transcranial direct current stimulation on somatosensory transfer learning: When the secondary somatosensory cortex comes into play. <i>Brain Research</i> , 2018, 1689, 98-108.	1.1	0
570	Effects of Temporary Functional Deafferentation in Chronic Stroke Patients: Who Profits More?. <i>Neural Plasticity</i> , 2018, 2018, 1-9.	1.0	0
571	B-cell depletion is ineffective in a patient with granulomatous optic neuropathy. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e493.	3.1	0
572	P0055 PP CIRCULATING GHRELIN INCREASES AFTER WEIGHT LOSS IN OBESE CHILDREN. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004, 39, S77.	0.9	0
573	Vectorial magnetoencephalographic measurements for the estimation of radial dipolar activity in the human somatosensory system. <i>IFMBE Proceedings</i> , 2010, , 399-401.	0.2	0
574	Dissections of Cervical Arteries – Clinical Presentation, Course, and Therapy in 71 Consecutive Patients of a Single University Centre. <i>Open Critical Care Medicine Journal</i> , 2011, 4, 61-67.	0.2	0
575	–Neural Plasticity in Rehabilitation and Psychotherapy – New Perspectives and Findings–. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2015, 223, 66-66.	0.7	0
576	Ratings of Emotional Expressions in Static and Dynamic Facial Recordings Before and After Upper Face Botulinum Injections – An Observational Prospective Study. <i>Aesthetic Surgery Journal</i> , 2021, 41, NP609-NP615.	0.9	0

#	ARTICLE	IF	CITATIONS
577	Acoustic Stimuli Can Improve and Impair Somatosensory Perception. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0