

Otto W Witte

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8187054/publications.pdf>

Version: 2024-02-01

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Non-idiopathic peripheral facial palsy: prognostic factors for outcome. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 3227-3235.	0.8	10
9	Experience-dependent structural plasticity in the adult brain: How the learning brain grows. <i>NeuroImage</i> , 2021, 225, 117502.	2.1	26
10	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
11	Disease aggressiveness signatures of amyotrophic lateral sclerosis in white matter tracts revealed by the <scp>D50</scp> disease progression model. <i>Human Brain Mapping</i> , 2021, 42, 737-752.	1.9	16
12	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
13	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
14	Impact of subthreshold depression on health-related quality of life in patients with Parkinsonâ€™s disease based on cognitive status. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 107.	1.0	6
15	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
16	Cerebrospinal Fluid Neurofilament Light Chain (NfL) Predicts Disease Aggressiveness in Amyotrophic Lateral Sclerosis: An Application of the D50 Disease Progression Model. <i>Frontiers in Neuroscience</i> , 2021, 15, 651651.	1.4	24
17	Automated emotion classification in the early stages of cortical processing: An MEC study. <i>Artificial Intelligence in Medicine</i> , 2021, 115, 102063.	3.8	3
18	Microbiota profiling in aging-associated inflammation and liver degeneration. <i>International Journal of Medical Microbiology</i> , 2021, 311, 151500.	1.5	11

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Phasic alerting increases visual processing speed in amnesic mild cognitive impairment. <i>Neurobiology of Aging</i> , 2021, 102, 23-31.	1.5	1
22	Weather conditions associated with subarachnoid hemorrhage: a multicenter case-crossover study. <i>BMC Neurology</i> , 2021, 21, 283.	0.8	4
23	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
24	Adult Neurogenesis and Stroke: A Tale of Two Neurogenic Niches. <i>Frontiers in Neuroscience</i> , 2021, 15, 700297.	1.4	30
25	Epigenetic Modifications Associated with Maternal Anxiety during Pregnancy and Children's Behavioral Measures. <i>Cells</i> , 2021, 10, 2421.	1.8	14
26	NFDI-Neuro: building a community for neuroscience research data management in Germany. <i>Neuroforum</i> , 2021, .	0.2	6
27	Research data management in clinical neuroscience: the national research data infrastructure initiative. <i>Neuroforum</i> , 2021, .	0.2	2
28	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
29	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
30	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
31	Shaping the Sensory-Motor Network by Short-Term Unresolvable Sensory-Motor Mismatch. <i>Frontiers in Neurology</i> , 2021, 12, 793662.	1.1	1
32	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
33	Poststroke dendritic arbor regrowth requires the actin nucleator Cobl. <i>PLoS Biology</i> , 2021, 19, e3001399.	2.6	3
34	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
35	Transfer of maternal psychosocial stress to the fetus. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 185-197.	2.9	135
36	Association Between Systemic Inflammation, Carotid Arteriosclerosis, and Autonomic Dysfunction. <i>Translational Stroke Research</i> , 2020, 11, 50-59.	2.3	24

#	ARTICLE	IF	CITATIONS
37	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
38	The importance of different learning stages for motor sequence learning after stroke. <i>Human Brain Mapping</i> , 2020, 41, 270-286.	1.9	46
39	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
40	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
41	Maternal psychosocial stress during early gestation impairs fetal structural brain development in sheep. <i>Stress</i> , 2020, 23, 233-242.	0.8	11
42	Acute Encephalopathy and Cardiac Arrest Induced by Intrathecal Gadolinium Administration. <i>Clinical Neuroradiology</i> , 2020, 30, 629-631.	1.0	7
43	Cardiovascular effects of prenatal stress—Are there implications for cerebrovascular, cognitive and mental health outcome?. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 78-97.	2.9	7
44	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
45	Multimodal treatment of persistent postural—perceptual dizziness. <i>Brain and Behavior</i> , 2020, 10, e01864.	1.0	43
46	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
47	Association Between Nonmotor Symptoms and Nonadherence to Medication in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 551696.	1.1	10
48	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
49	Self-Reported Nonadherence Predicts Changes of Medication after Discharge from Hospital in People with Parkinson's Disease. <i>Parkinson's Disease</i> , 2020, 2020, 1-8.	0.6	8
50	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
51	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
52	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
53	Photoisomerization Neutralizes Vasoconstrictive Activity of a Heme Degradation Product. <i>ACS Omega</i> , 2020, 5, 21401-21411.	1.6	2
54	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

#	ARTICLE	IF	CITATIONS
55	Tissue-specific Gene Expression Changes Are Associated with Aging in Mice. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 430-442.	3.0	23
56	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
57	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
58	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
59	Prognostic factors for the outcome of Bells' palsy: A cohort register-based study. <i>Clinical Otolaryngology</i> , 2020, 45, 754-761.	0.6	24
60	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
61	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
62	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
63	Prenatal stress and brain disorders in later life. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 1-2.	2.9	1
64	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
65	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
66	Abnormal Emotional Processing and Emotional Experience in Patients with Peripheral Facial Nerve Paralysis: An MEG Study. <i>Brain Sciences</i> , 2020, 10, 147.	1.1	6
67	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
68	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
69	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
70	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
71	Surface-based analysis increases the specificity of cortical activation patterns and connectivity results. <i>Scientific Reports</i> , 2020, 10, 5737.	1.6	70
72	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
73	Extrachromosomal Circular DNA: Current Knowledge and Implications for CNS Aging and Neurodegeneration. International Journal of Molecular Sciences, 2020, 21, 2477.	1.8	35
74	Reproducibility of in-hospital worsening heart failure event adjudication in the RELAX-AHF trial. European Journal of Heart Failure, 2019, 21, 1661-1662.	2.9	4
75	Gastric dysmotility in Parkinson's disease is not caused by alterations of the gastric pacemaker cells. Npj Parkinson's Disease, 2019, 5, 15.	2.5	19
76	Data on adherence to medication in neurological patients using the German Stendal Adherence to Medication Score (SAMS). Data in Brief, 2019, 23, 103855.	0.5	9
77	Association of Surgical Hematoma Evacuation vs Conservative Treatment With Functional Outcome in Patients With Cerebellar Intracerebral Hemorrhage. JAMA - Journal of the American Medical Association, 2019, 322, 1392.	3.8	91
78	An 82-Year-Old Man With Sleep-Onset Insomnia, Breathing Arrest, and Heart Failure. Chest, 2019, 156, e95-e98.	0.4	1
79	Changes in Oral Microbial Ecology of C57BL/6 Mice at Different Ages Associated with Sampling Methodology. Microorganisms, 2019, 7, 283.	1.6	16
80	Poor emotional well-being is associated with rapid progression in amyotrophic lateral sclerosis. ENeurologicalSci, 2019, 16, 100198.	0.5	7
81	Automated objective and marker-free facial grading using photographs of patients with facial palsy. European Archives of Oto-Rhino-Laryngology, 2019, 276, 3335-3343.	0.8	29
82	<p></p>Comparison of anonymous versus nonanonymous responses to a medication adherence questionnaire in patients with Parkinson's disease</p>. Patient Preference and Adherence, 2019, Volume 13, 151-155.	0.8	14
83	Dabigatran for Prevention of Stroke after Embolic Stroke of Undetermined Source. New England Journal of Medicine, 2019, 380, 1906-1917.	13.9	568
84	Plasma VCAM1 levels correlate with disease severity in Parkinson's disease. Journal of Neuroinflammation, 2019, 16, 94.	3.1	37
85	Divide or Commit – Revisiting the Role of Cell Cycle Regulators in Adult Hippocampal Neurogenesis. Frontiers in Cell and Developmental Biology, 2019, 7, 55.	1.8	20
86	Characteristics in Non-Vitamin K Antagonist Oral Anticoagulant-Related Intracerebral Hemorrhage. Stroke, 2019, 50, 1392-1402.	1.0	21
87	Heparin for prophylaxis of venous thromboembolism in intracerebral haemorrhage. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 783-791.	0.9	18
88	Somatostatin Interneurons Promote Neuronal Synchrony in the Neonatal Hippocampus. Cell Reports, 2019, 26, 3173-3182.e5.	2.9	39
89	Biomarkers for Dementia, Fatigue, and Depression in Parkinson's Disease. Frontiers in Neurology, 2019, 10, 195.	1.1	15
90	œTo rout or snort in the sleepe—a detailed medical description of sleep-disordered breathing and its consequences by Georg Grau in 1688. European Respiratory Journal, 2019, 53, 1801799.	3.1	4

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	Clusters of non-adherence to medication in neurological patients. <i>Research in Social and Administrative Pharmacy</i> , 2019, 15, 1419-1424.	1.5	27
94	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
95	Dissecting Aging and Senescenceâ€™Current Concepts and Open Lessons. <i>Cells</i> , 2019, 8, 1446.	1.8	86
96	Optimized photo-stimulation of halorhodopsin for long-term neuronal inhibition. <i>BMC Biology</i> , 2019, 17, 95.	1.7	25
97	Early Stroke Induces Long-Term Impairment of Adult Neurogenesis Accompanied by Hippocampal-Mediated Cognitive Decline. <i>Cells</i> , 2019, 8, 1654.	1.8	27
98	Amitosenescence and Pseudomitosenescence: Putative New Players in the Aging Process. <i>Cells</i> , 2019, 8, 1546.	1.8	16
99	Autoimmune encephalitis with anti-IgLON5 and anti-GABAB-receptor antibodies. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT /Overlo</i>	0.4	31
100	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
101	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
102	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
103	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
104	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
105	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
106	Management and prognostic markers in patients with autoimmune encephalitis requiring ICU treatment. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2019, 6, e514.	3.1	56
107	Phenotypic and functional differences between senescent and aged murine microglia. <i>Neurobiology of Aging</i> , 2019, 74, 56-69.	1.5	44
108	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

#	ARTICLE	IF	CITATIONS
109	The impact of motor impairment on the processing of sensory information. Behavioural Brain Research, 2019, 359, 701-708.	1.2	10
110	Conserved aging-related signatures of senescence and inflammation in different tissues and species. Aging, 2019, 11, 8556-8572.	1.4	26
111	Management of therapeutic anticoagulation in patients with intracerebral haemorrhage and mechanical heart valves. European Heart Journal, 2018, 39, 1709-1723.	1.0	76
112	Universal characteristics of evolution and development are inherent in fetal autonomic brain maturation. Autonomic Neuroscience: Basic and Clinical, 2018, 212, 32-41.	1.4	10
113	Impact of transcranial direct current stimulation on somatosensory transfer learning: When the secondary somatosensory cortex comes into play. Brain Research, 2018, 1689, 98-108.	1.1	0
114	Rapid increases in nitrogen oxides are associated with acute myocardial infarction: A case-crossover study. European Journal of Preventive Cardiology, 2018, 25, 1707-1716.	0.8	26
115	Transcriptomic alterations during ageing reflect the shift from cancer to degenerative diseases in the elderly. Nature Communications, 2018, 9, 327.	5.8	94
116	Motor-cognitive dual-task performance: effects of a concurrent motor task on distinct components of visual processing capacity. Psychological Research, 2018, 82, 177-185.	1.0	22
117	Association of prothrombin complex concentrate administration and hematoma enlargement in non-vitamin K antagonist oral anticoagulant-related intracerebral hemorrhage. Annals of Neurology, 2018, 83, 186-196.	2.8	114
118	Dysregulation of chemokine receptor expression and function in leukocytes from ALS patients. Journal of Neuroinflammation, 2018, 15, 99.	3.1	20
119	Frataxin overexpression in Müller cells protects retinal ganglion cells in a mouse model of ischemia/reperfusion injury in vivo. Scientific Reports, 2018, 8, 4846.	1.6	7
120	GABAergic Transmission during Brain Development: Multiple Effects at Multiple Stages. Neuroscientist, 2018, 24, 36-53.	2.6	32
121	Bilateral vestibulopathy with positive Tullio phenomenon. Laryngoscope, 2018, 128, 1223-1225.	1.1	8
122	Transfer of Patients in a Telestroke Network: What Are the Relevant Factors for Making This Decision?. Telemedicine Journal and E-Health, 2018, 24, 116-120.	1.6	9
123	Impact of chronic maternal stress during early gestation on maternal-fetal stress transfer and fetal stress sensitivity in sheep. Stress, 2018, 21, 1-10.	0.8	21
124	Automatic affective responses towards the bed in patients with primary insomnia: evidence for a negativity bias. Journal of Sleep Research, 2018, 27, 215-219.	1.7	5
125	Value of the eazypex® CSF direct assay in rapid diagnosis of invasive meningococcal disease – Case report. Acta Microbiologica Et Immunologica Hungarica, 2018, 65, 309-315.	0.4	2
126	In Older Patients Treated for Dizziness and Vertigo in Multimodal Rehabilitation Somatic Deficits Prevail While Anxiety Plays a Minor Role Compared to Young and Middle Aged Patients. Frontiers in Aging Neuroscience, 2018, 10, 345.	1.7	11

#	ARTICLE	IF	CITATIONS
127	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
128	Effects of Temporary Functional Deafferentation in Chronic Stroke Patients: Who Profits More?. <i>Neural Plasticity</i> , 2018, 2018, 1-9.	1.0	0
129	B-cell depletion is ineffective in a patient with granulomatous optic neuropathy. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2018, 5, e493.	3.1	0
130	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
131	Sepsis-associated encephalopathy. <i>Cmaj</i> , 2018, 190, E1083-E1083.	0.9	42
132	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
133	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
134	Ultrasonography of the Vagus Nerve in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 525.	1.1	23
135	Not your average Saturday night palsy—High resolution nerve ultrasound resolves rare cause of wrist drop. <i>Clinical Neurology and Neurosurgery</i> , 2018, 172, 160-161.	0.6	4
136	Enhancement of face-sensitive ERPs in older adults induced by face recognition training. <i>Neuropsychologia</i> , 2018, 119, 197-213.	0.7	8
137	Dual Task Effects on Visual Attention Capacity in Normal Aging. <i>Frontiers in Psychology</i> , 2018, 9, 1564.	1.1	6
138	Somatosensory deficits. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 151, 185-206.	1.0	21
139	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
140	Cell cycle-dependent and -independent telomere shortening accompanies murine brain aging. <i>Aging</i> , 2018, 10, 3397-3420.	1.4	38
141	DNA plasticity and damage in amyotrophic lateral sclerosis. <i>Neural Regeneration Research</i> , 2018, 13, 173.	1.6	27
142	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
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	Monitoring fetal maturationâ€”objectives, techniques and indices of autonomic function. <i>Physiological Measurement</i> , 2017, 38, R61-R88.	1.2	45
146	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
147	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
148	Neurofilament markers for ALS correlate with extent of upper and lower motor neuron disease. <i>Neurology</i> , 2017, 88, 2302-2309.	1.5	169
149	Weather as a risk factor for epileptic seizures: A caseâ€”crossover study. <i>Epilepsia</i> , 2017, 58, 1287-1295.	2.6	47
150	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
151	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
152	Inpatient treatment of patients with acute idiopathic peripheral facial palsy: A populationâ€”based healthcare research study. <i>Clinical Otolaryngology</i> , 2017, 42, 1267-1274.	0.6	18
153	Transcriptional profiling reveals protective mechanisms in brains of long-lived mice. <i>Neurobiology of Aging</i> , 2017, 52, 23-31.	1.5	18
154	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
155	Fetal Sheep Mesenteric Resistance Arteries: Functional and Structural Maturation. <i>Journal of Vascular Research</i> , 2017, 54, 259-271.	0.6	0
156	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
157	Smoking cessation and outcome after ischemic stroke or TIA. <i>Neurology</i> , 2017, 89, 1723-1729.	1.5	65
158	Sigma 1 receptor activation modifies intracellular calcium exchange in the G93AhSOD1 ALS model. <i>Neuroscience</i> , 2017, 359, 105-118.	1.1	22
159	Development of somatosensoryâ€”evoked potentials in foetal sheep: effects of betamethasone. <i>Acta Physiologica</i> , 2017, 220, 137-149.	1.8	3
160	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
161	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
162	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

#	ARTICLE	IF	CITATIONS
163	Increased Frataxin Levels Protect Retinal Ganglion Cells After Acute Ischemia/Reperfusion in the Mouse Retina In Vivo. , 2016, 57, 4115.		13
164	The Processing of Somatosensory Information Shifts from an Early Parallel into a Serial Processing Mode: A Combined fMRI/MEG Study. Frontiers in Systems Neuroscience, 2016, 10, 103.	1.2	14
165	Stress-induced decrease of uterine blood flow in sheep is mediated by alpha 1-adrenergic receptors. Stress, 2016, 19, 547-551.	0.8	11
166	Perceived cognitive impairments after critical illness: a longitudinal study in survivors and family member controls. Acta Anaesthesiologica Scandinavica, 2016, 60, 1121-1130.	0.7	9
167	Behavioural and neurofunctional impact of transcranial direct current stimulation on somatosensory learning. Human Brain Mapping, 2016, 37, 1277-1295.	1.9	19
168	Dysautonomia in prodromal Î±-synucleinopathy: peripheral versus central autonomic degeneration. European Journal of Neurology, 2016, 23, 878-890.	1.7	13
169	Assessment of pulmonary function in amyotrophic lateral sclerosis: when can polygraphy help evaluate the need for non-invasive ventilation?. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 1022-1026.	0.9	33
170	Acknowledgment of Reviewers, 2016. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8503-E8539.	3.3	1
171	Reduced tonic inhibition after stroke promotes motor performance and epileptic seizures. Scientific Reports, 2016, 6, 26173.	1.6	45
172	Column-like Ca ²⁺ clusters in the mouse neonatal neocortex revealed by three-dimensional two-photon Ca ²⁺ imaging in vivo. Neurolmage, 2016, 138, 64-75.	2.1	28
173	Pre-operative stroke and neurological disability do not independently affect short- and long-term mortality in infective endocarditis patients. Clinical Research in Cardiology, 2016, 105, 847-857.	1.5	12
174	What you get from what you see: Parametric assessment of visual processing capacity in multiple sclerosis and its relation to cognitive fatigue. Cortex, 2016, 83, 167-180.	1.1	11
175	Down-regulation of purinergic P2X7 receptor expression and intracellular calcium dysregulation in peripheral blood mononuclear cells of patients with amyotrophic lateral sclerosis. Neuroscience Letters, 2016, 630, 77-83.	1.0	29
176	Vertigo and the processing of vestibular information: A review in the context of predictive coding. Neuroscience and Biobehavioral Reviews, 2016, 71, 379-387.	2.9	18
177	Genome-wide association analyses identify new risk variants and the genetic architecture of amyotrophic lateral sclerosis. Nature Genetics, 2016, 48, 1043-1048.	9.4	494
178	Clinical Presentation, Magnetic Resonance Angiography, Ultrasound Findings, and Stroke Patterns in Patients with Vertebral Artery Dissection. European Neurology, 2016, 76, 284-294.	0.6	12
179	Measuring eye states in functional MRI. BMC Neuroscience, 2016, 17, 48.	0.8	14
180	Cortical activity during cued picture naming predicts individual differences in stuttering frequency. Clinical Neurophysiology, 2016, 127, 3093-3101.	0.7	20

#	ARTICLE	IF	CITATIONS
181	The impairment of small nerve fibers in severe sepsis and septic shock. Critical Care, 2016, 20, 64.	2.5	26
182	Pioglitazone after Ischemic Stroke or Transient Ischemic Attack. New England Journal of Medicine, 2016, 374, 1321-1331.	13.9	877
183	The loss of neural synchrony in the post septic brain. Clinical Neurophysiology, 2016, 127, 2200-2207.	0.7	4
184	Assessment of fetal maturation age by heart rate variability measures using random forest methodology. Computers in Biology and Medicine, 2016, 70, 157-162.	3.9	17
185	Gene and pathway level analyses of germline DNA-repair gene variants and prostate cancer susceptibility using the iCOGS-genotyping array. British Journal of Cancer, 2016, 114, 945-952.	2.9	17
186	Age-dependent modulation of the somatosensory network upon eye closure. Behavioural Brain Research, 2016, 298, 52-56.	1.2	10
187	Phosphoinositide 3-Kinase \hat{I}^3 Restrains Neurotoxic Effects of Microglia After Focal Brain Ischemia. Molecular Neurobiology, 2016, 53, 5468-5479.	1.9	23
188	Modality-independent reduction mechanisms of primary sensory evoked fields in a one-back task. NeuroImage, 2016, 124, 918-922.	2.1	4
189	Slowed peak resting frequency and MEG overactivation in survivors of severe sepsis and septic shock. Clinical Neurophysiology, 2016, 127, 1247-1253.	0.7	8
190	Rapid weather changes are associated with increased ischemic stroke risk: a case-crossover study. European Journal of Epidemiology, 2016, 31, 137-146.	2.5	42
191	Impairment of Brain Plasticity by Brain Inflammation. Zeitschrift Fur Psychologie / Journal of Psychology, 2016, 224, 133-138.	0.7	4
192	Neural Plasticity in Rehabilitation and Psychotherapy. Zeitschrift Fur Psychologie / Journal of Psychology, 2016, 224, 59-61.	0.7	2
193	Adaptive and Maladaptive Neural Plasticity Due to Facial Nerve Palsy. Zeitschrift Fur Psychologie / Journal of Psychology, 2016, 224, 102-111.	0.7	2
194	Plasticity During Short-Term Visual Deprivation. Zeitschrift Fur Psychologie / Journal of Psychology, 2016, 224, 125-132.	0.7	3
195	Method to quantify accuracy of position feedback signals of a three-dimensional two-photon laser-scanning microscope. Biomedical Optics Express, 2015, 6, 3678.	1.5	7
196	PREDICTORS OF POST-INTENSIVE CARE SYNDROME IN FAMILY MEMBERS OF PATIENTS WITH SEVERE SEPSIS. Intensive Care Medicine Experimental, 2015, 3, A37.	0.9	0
197	Immunohistochemistry and Multiple Labeling with Antibodies from the Same Host Species to Study Adult Hippocampal Neurogenesis. Journal of Visualized Experiments, 2015, , .	0.2	9
198	Eye closure enhances dark night perceptions. Scientific Reports, 2015, 5, 10515.	1.6	29

#	ARTICLE	IF	CITATIONS
199	How to Manage Thrombolysis Interruptions in Acute Stroke?. Clinical Neuropharmacology, 2015, 38, 85-88.	0.2	8
200	Validation of functional fetal autonomic brain age score fABAS in 5-min short recordings. Physiological Measurement, 2015, 36, 2369-2378.	1.2	15
201	Effect of Intravenous Thrombolysis on the Time Course of the Apparent Diffusion Coefficient in Acute Middle Cerebral Artery Infarction. Journal of Neuroimaging, 2015, 25, 978-982.	1.0	5
202	Two distinct populations of doublecortin-positive cells in the perilesional zone of cortical infarcts. BMC Neuroscience, 2015, 16, 20.	0.8	21
203	Sleep Apnea and Asymptomatic Carotid Stenosis. Chest, 2015, 147, 1029-1036.	0.4	12
204	Cortical Spreading Depolarization Stimulates Gliogenesis in the Rat Entorhinal Cortex. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 576-582.	2.4	13
205	Anticoagulant Reversal, Blood Pressure Levels, and Anticoagulant Resumption in Patients With Anticoagulation-Related Intracerebral Hemorrhage. JAMA - Journal of the American Medical Association, 2015, 313, 824.	3.8	447
206	Primary somatosensory contextual modulation is encoded by oscillation frequency change. Clinical Neurophysiology, 2015, 126, 1769-1779.	0.7	14
207	The impact of eye closure on somatosensory perception in the elderly. Behavioural Brain Research, 2015, 293, 89-95.	1.2	18
208	The importance of the negative blood-oxygenation-level-dependent (BOLD) response in the somatosensory cortex. Reviews in the Neurosciences, 2015, 26, 647-653.	1.4	12
209	Speech preparation in adults with persistent developmental stuttering. Brain and Language, 2015, 149, 97-105.	0.8	21
210	GABA depolarizes immature neurons and inhibits network activity in the neonatal neocortex in vivo. Nature Communications, 2015, 6, 7750.	5.8	187
211	Parallel processing of somatosensory information: Evidence from dynamic causal modeling of MEG data. NeuroImage, 2015, 118, 193-198.	2.1	18
212	Consistent and reproducible staining of glia by a modified Golgi-Cox method. Journal of Neuroscience Methods, 2015, 256, 141-150.	1.3	16
213	Brain Magnetic Resonance Imaging Findings Fail to Suspect Fabry Disease in Young Patients With an Acute Cerebrovascular Event. Stroke, 2015, 46, 1548-1553.	1.0	33
214	Role of catecholamines in maternal-fetal stress transfer in sheep. American Journal of Obstetrics and Gynecology, 2015, 213, 684.e1-684.e9.	0.7	30
215	Branched-chain amino acid catabolism is a conserved regulator of physiological ageing. Nature Communications, 2015, 6, 10043.	5.8	132
216	Novel computer vision algorithm for the reliable analysis of organelle morphology in whole cell 3D images – A pilot study for the quantitative evaluation of mitochondrial fragmentation in amyotrophic lateral sclerosis. Mitochondrion, 2015, 25, 49-59.	1.6	8

#	ARTICLE	IF	CITATIONS
217	A novel questionnaire to measure staff perception of end-of-life decision making in the intensive care unitâ€”Development and psychometric testing. <i>Journal of Critical Care</i> , 2015, 30, 187-195.	1.0	15
218	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
219	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
220	Susceptibility-Weighted Imaging Provides Insight into White Matter Damage in Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2015, 10, e0131114.	1.1	15
221	The Validity of Advance Directives in Acute Situations. <i>Deutsches A&#x0308;rztblatt International</i> , 2015, 112, 723-9.	0.6	34
222	â€œNeural Plasticity in Rehabilitation and Psychotherapy â€” New Perspectives and Findingsâ€” <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2015, 223, 66-66.	0.7	0
223	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
224	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
225	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
226	Developing fetal motor-cardiovascular coordination analyzed from multi-channel magnetocardiography. <i>Physiological Measurement</i> , 2014, 35, 1943-1959.	1.2	18
227	Dysfunctional NF-Î² and brain myelin formation. <i>European Journal of Human Genetics</i> , 2014, 22, 724-725.	1.4	9
228	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
229	Disrupted functional connectivity of the default mode network due to acute vestibular deficit. <i>NeuroImage: Clinical</i> , 2014, 6, 109-114.	1.4	16
230	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
231	NF-Î² 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
232	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
233	NF-Î² 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
234	Long-term sequelae of severe sepsis: cognitive impairment and structural brain alterations â€” an MRI study (LossCog MRI). <i>BMC Neurology</i> , 2014, 14, 145.	0.8	20

#	ARTICLE	IF	CITATIONS
235	Thalamocortical Impulse Propagation and Information Transfer in EEG and MEG. Journal of Clinical Neurophysiology, 2014, 31, 253-260.	0.9	21
236	Mechanisms and regulation of surface interactions and biofilm formation in Agrobacterium. Frontiers in Plant Science, 2014, 5, 176.	1.7	92
237	Excitatory and inhibitory mechanisms underlying somatosensory habituation. Human Brain Mapping, 2014, 35, 152-160.	1.9	23
238	Endoplasmic reticulum stress is accompanied by activation of NF- κ B in amyotrophic lateral sclerosis. Journal of Neuroimmunology, 2014, 270, 29-36.	1.1	43
239	Bihemispheric ischemic tolerance induced by a unilateral focal cortical lesion. Brain Research, 2014, 1570, 54-60.	1.1	2
240	Thalamocortical connectivity during resting state in schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2014, 264, 111-119.	1.8	100
241	Bone Flap Necrosis After Decompressive Hemicraniectomy for Malignant Middle Cerebral Artery Infarction. Neurocritical Care, 2014, 20, 91-97.	1.2	21
242	Study protocol: prediction of stroke associated infections by markers of autonomic control. BMC Neurology, 2014, 14, 9.	0.8	15
243	Ultrasound differentiation of axonal and demyelinating neuropathies. Muscle and Nerve, 2014, 50, 976-983.	1.0	87
244	The effects of deafferentation without deafferentation on functional connectivity in patients with facial palsy. Neurolmage: Clinical, 2014, 6, 26-31.	1.4	31
245	Pro-apoptotic function of GABA-related transcripts following stroke. Neurobiology of Disease, 2014, 70, 237-244.	2.1	6
246	Nervenschall bei Polyneuropathie – sinnvoll oder nicht?. Neurophysiologie-Labor, 2014, 36, 10-22.	0.0	0
247	The Costs of Dementia From the Societal Perspective: Is Care Provided in the Community Really Cheaper than Nursing Home Care?. Journal of the American Medical Directors Association, 2014, 15, 117-126.	1.2	35
248	Age-specific transcriptional response to stroke. Neurobiology of Aging, 2014, 35, 1744-1754.	1.5	31
249	Impact of indomethacin on neuroinflammation and hippocampal neurogenesis in aged mice. Neuroscience Letters, 2014, 572, 7-12.	1.0	32
250	You'd Better Think Twice: Post-Decision Perceptual Confidence. Neurolmage, 2014, 99, 323-331.	2.1	45
251	In vivo Imaging of Optic Nerve Fiber Integrity by Contrast-Enhanced MRI in Mice. Journal of Visualized Experiments, 2014, , .	0.2	6
252	Serial FDG PET/CT in Autoimmune Encephalitis With Faciobrachial Dystonic Seizures. Clinical Nuclear Medicine, 2014, 39, e436-e438.	0.7	20

#	ARTICLE	IF	CITATIONS
253	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
254	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
255	Perceptual plasticity is mediated by connectivity changes of the medial thalamic nucleus. <i>Human Brain Mapping</i> , 2013, 34, 2343-2352.	1.9	12
256	Compensatory quadrant-hyperhidrosis after contralateral intrathoracic surgery: a case report. <i>Journal of Medical Case Reports</i> , 2013, 7, 24.	0.4	8
257	Family satisfaction in the intensive care unit: a quantitative and qualitative analysis. <i>Intensive Care Medicine</i> , 2013, 39, 1071-1079.	3.9	114
258	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
259	MRI in acute cerebral ischemia of the young. <i>Neurology</i> , 2013, 81, 1914-1921.	1.5	42
260	Astrocytic Cx43 and Cx30 differentially modulate adult neurogenesis in mice. <i>Neuroscience Letters</i> , 2013, 545, 40-45.	1.0	43
261	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
262	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
263	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
264	Muskelultraschall in der neurologischen Diagnostik – ein Überblick. <i>Neurophysiologie-Labor</i> , 2013, 35, 47-60.	0.0	3
265	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
266	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
267	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
268	Cyclin D2 knockout mice with depleted adult neurogenesis learn Barnes maze task.. <i>Behavioral Neuroscience</i> , 2013, 127, 1-8.	0.6	21
269	Components of vestibular cortical function. <i>Behavioural Brain Research</i> , 2013, 236, 194-199.	1.2	24
270	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

#	ARTICLE	IF	CITATIONS
271	Acute Cerebrovascular Disease in the Young. <i>Stroke</i> , 2013, 44, 340-349.	1.0	186
272	Prognostication of recovery time after acute peripheral facial palsy: a prospective cohort study. <i>BMJ Open</i> , 2013, 3, e003007.	0.8	48
273	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
274	Muscle ultrasound for early assessment of critical illness neuromyopathy in severe sepsis. <i>Critical Care</i> , 2013, 17, R227.	2.5	104
275	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
276	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
277	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
278	Atypical posthypoxic MRI changes in hypermetabolic regions in anti-NMDA-receptor encephalitis. <i>Neurology</i> , 2012, 79, 720-721.	1.5	12
279	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
280	Time Course of Cortical Plasticity After Facial Nerve Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 197-203.	1.4	32
281	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
282	Aberrant Neurogenesis After Stroke. <i>Stroke</i> , 2012, 43, 2468-2475.	1.0	79
283	Carbon monoxide and outcome of stroke – A dream CORM true?*. <i>Critical Care Medicine</i> , 2012, 40, 687-688.	0.4	2
284	Decomposition of Somatosensory Evoked Potentials in Rats. <i>Biomedizinische Technik</i> , 2012, 57, .	0.9	0
285	Age dependence of excitatory-inhibitory balance following stroke. <i>Neurobiology of Aging</i> , 2012, 33, 1356-1363.	1.5	27
286	Sensory feedback prosthesis reduces phantom limb pain: Proof of a principle. <i>Neuroscience Letters</i> , 2012, 507, 97-100.	1.0	150
287	Reconstruction of quasi-radial dipolar activity using three-component magnetic field measurements. <i>Clinical Neurophysiology</i> , 2012, 123, 1581-1585.	0.7	14
288	Age-dependent kinetics of dentate gyrus neurogenesis in the absence of cyclin D2. <i>BMC Neuroscience</i> , 2012, 13, 46.	0.8	37

#	ARTICLE	IF	CITATIONS
289	Influence of social support on cognitive change and mortality in old age: results from the prospective multicentre cohort study AgeCoDe. BMC Geriatrics, 2012, 12, 9.	1.1	41
290	Isolated central nervous system relapse of chronic myeloid leukemia after allogeneic hematopoietic stem cell transplantation. BMC Blood Disorders, 2012, 12, 9.	0.9	13
291	DEcompressive Surgery for the Treatment of malignant INfarction of the middle cerebral artery - Registry (DESTINY-R): design and protocols. BMC Neurology, 2012, 12, 115.	0.8	20
292	Morgl+/+ heterozygous mice are protected from experimentally induced focal cerebral ischemia. Brain Research, 2012, 1482, 22-31.	1.1	16
293	Magnetic resonance imaging of the mouse visual pathway for in vivo studies of degeneration and regeneration in the CNS. Neurolmage, 2012, 59, 363-376.	2.1	26
294	Deformation-based brain morphometry in rats. Neurolmage, 2012, 63, 47-53.	2.1	34
295	Specially designed palate prosthesis reconstitutes speech in amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2012, 13, 560-561.	2.3	3
296	Gastroesophageal reflux in differential diagnosis of unclear nocturnal paroxysmal motor events. Sleep Medicine, 2012, 13, 1205-1206.	0.8	2
297	Reliable in vivo identification of both GABAergic and glutamatergic neurons using Emx1-Cre driven fluorescent reporter expression. Cell Calcium, 2012, 52, 182-189.	1.1	16
298	Identification of CD166 as a Surface Marker for Enriching Prostate Stem/Progenitor and Cancer Initiating Cells. PLoS ONE, 2012, 7, e42564.	1.1	91
299	Decreased olfactory bulb volume in idiopathic Parkinson's disease detected by 3.0 Tesla magnetic resonance imaging. Movement Disorders, 2012, 27, 1019-1025.	2.2	71
300	Sensory Syndromes. Frontiers of Neurology and Neuroscience, 2012, 30, 4-8.	3.0	12
301	Possibilities and limitations for high resolution small animal MRI on a clinical whole-body 3T scanner. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 233-244.	1.1	47
302	The unfolded protein response in models of human mutant G93A amyotrophic lateral sclerosis. European Journal of Neuroscience, 2012, 35, 652-660.	1.2	41
303	Effects of rehabilitative training and anti-inflammatory treatment on functional recovery and cellular reorganization following stroke. Experimental Neurology, 2012, 233, 776-782.	2.0	36
304	Heart rate variability - a potential early marker of sub-acute post-stroke infections. Acta Neurologica Scandinavica, 2012, 126, 189-196.	1.0	49
305	Experience-dependent brain plasticity after stroke: effect of ibuprofen and poststroke delay. European Journal of Neuroscience, 2012, 36, 2632-2639.	1.2	16
306	Influences of negative BOLD responses on positive BOLD responses. Neurolmage, 2011, 55, 1709-1715.	2.1	20

#	ARTICLE	IF	CITATIONS
307	Isolated reversible splenic lesion in tick-borne encephalitis: A case report and literature review. <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 430-433.	0.6	19
308	Habituation within the somatosensory processing hierarchy. <i>Behavioural Brain Research</i> , 2011, 225, 432-436.	1.2	21
309	Age-related effects on hippocampal precursor cell subpopulations and neurogenesis. <i>Neurobiology of Aging</i> , 2011, 32, 1906-1914.	1.5	95
310	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
311	Terutroban versus aspirin in patients with cerebral ischaemic events (PERFORM): a randomised, double-blind, parallel-group trial. <i>Lancet, The</i> , 2011, 377, 2013-2022.	6.3	185
312	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
313	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
314	Attenuated Inflammatory Response in Aged Mice Brains following Stroke. <i>PLoS ONE</i> , 2011, 6, e26288.	1.1	90
315	Cortical reorganization in Bell's palsy. <i>Restorative Neurology and Neuroscience</i> , 2011, 29, 203-214.	0.4	35
316	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
317	GABAergic depolarization during early cortical development and implications for anticonvulsive therapy in neonates. <i>Epilepsia</i> , 2011, 52, 1532-1543.	2.6	27
318	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
319	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
320	Simvastatin Improves Retinal Ganglion Cell Survival and Spatial Vision after Acute Retinal Ischemia/Reperfusion in Mice. , 2011, 52, 2606.		26
321	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
322	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
323	In Situ Dividing and Phagocytosing Retinal Microglia Express Nestin, Vimentin, and NG2 In Vivo. <i>PLoS ONE</i> , 2011, 6, e22408.	1.1	53
324	Changes in Brain Size during the Menstrual Cycle. <i>PLoS ONE</i> , 2011, 6, e14655.	1.1	82

#	ARTICLE	IF	CITATIONS
325	Global impairment and therapeutic restoration of visual plasticity mechanisms after a localized cortical stroke. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15450-15455.	3.3	48
326	Safety of Tirofiban in Acute Ischemic Stroke. Stroke, 2011, 42, 2388-2392.	1.0	139
327	Deafferentation of the Affected Arm. Stroke, 2011, 42, 1363-1370.	1.0	26
328	2-7.	0.2	7
329	Determination of Brain Death: An Overview with a Special Emphasis on New Ultrasound Techniques for Confirmatory Testing. Open Critical Care Medicine Journal, 2011, 4, 35-43.	0.2	2
330	Dissections of Cervical Arteries – Clinical Presentation, Course, and Therapy in 71 Consecutive Patients of a Single University Centre. Open Critical Care Medicine Journal, 2011, 4, 61-67.	0.2	0
331	Motor Neuron Diseases and Myopathies: Implications for Perioperative Management and Intensive Care. Open Critical Care Medicine Journal, 2011, 4, 24-27.	0.2	1
332	Positional Brain Deformation Visualized With Magnetic Resonance Morphometry. Neurosurgery, 2010, 66, 376-384.	0.6	23
333	Bilateral Vertebral Artery Dissection After Chiropractic Maneuver. Klinische Neuroradiologie, 2010, 20, 255-259.	0.9	17
334	Early stent thrombosis with progressive brainstem infarction in a clopidogrel non-responder. Journal of Neurology, 2010, 257, 1745-1747.	1.8	0
335	A case with coincidental diagnosis of primary central nervous system lymphoma and lymph node sarcoidosis. Journal of Neuro-Oncology, 2010, 99, 129-134.	1.4	4
336	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. Lancet Neurology, The, 2010, 9, 159-166.	4.9	111
337	ACRT-SCTS Scholar Abstracts. Clinical and Translational Science, 2010, 3, S8-S55.	1.5	1
338	Substantial performance discrepancies among commercially available kits for reverse transcription quantitative polymerase chain reaction: A systematic comparative investigator-driven approach. Analytical Biochemistry, 2010, 401, 303-311.	1.1	36
339	Hemispheric hypoperfusion in postictal paresis mimics early brain ischemia. Epilepsy Research, 2010, 89, 355-359.	0.8	31
340	Increased neuronal cell number in the dorsal motor nucleus of the vagus in schizophrenia. Acta Neuropsychiatrica, 2010, 22, 26-34.	1.0	0
341	Central Sleep Apnea Indicates Autonomic Dysfunction in Asymptomatic Carotid Stenosis: A Potential Marker of Cerebrovascular and Cardiovascular Risk. Sleep, 2010, 33, 327-333.	0.6	21
342	Proliferative Response of Microglia and Macrophages in the Adult Mouse Eye after Optic Nerve Lesion. , 2010, 51, 2686.		65

#	ARTICLE	IF	CITATIONS
343	GABA Depolarizes Immature Neocortical Neurons in the Presence of the Ketone Body β^2 -Hydroxybutyrate. <i>Journal of Neuroscience</i> , 2010, 30, 16002-16007.	1.7	41
344	Downregulation of Potassium Chloride Cotransporter KCC2 After Transient Focal Cerebral Ischemia. <i>Stroke</i> , 2010, 41, e151-9.	1.0	125
345	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
346	Dependence of the negative BOLD response on somatosensory stimulus intensity. <i>NeuroImage</i> , 2010, 53, 189-195.	2.1	58
347	Wallerian Degeneration of Pyramidal Tract after Paramedian Pons Infarct. <i>Cerebrovascular Diseases</i> , 2010, 30, 380-388.	0.8	20
348	Falls and gait disorders in geriatric neurology. <i>Clinical Neurology and Neurosurgery</i> , 2010, 112, 265-274.	0.6	107
349	Brainstem representation of vestibular evoked myogenic potentials. <i>Clinical Neurophysiology</i> , 2010, 121, 1102-1108.	0.7	31
350	Age-related decline of functional inhibition in rat cortex. <i>Neurobiology of Aging</i> , 2010, 31, 504-511.	1.5	49
351	Inter-age variability of bona fide unvaried transcripts. <i>Neurobiology of Aging</i> , 2010, 31, 654-664.	1.5	31
352	Remapping of the somatosensory cortex after a photothrombotic stroke: dynamics of the compensatory reorganization. <i>Neuroscience</i> , 2010, 165, 90-100.	1.1	47
353	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
354	Unilateral optic neuropathy following subdural hematoma: a case report. <i>Journal of Medical Case Reports</i> , 2010, 4, 19.	0.4	5
355	Photochemical and Endothelin Models of Focal Brain Ischemia. <i>Neuromethods</i> , 2010, , 71-83.	0.2	4
356	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
357	Autonomic Dysfunction and Risk Stratification Assessed from Heart Rate Pattern. <i>The Open Neurology Journal</i> , 2010, 4, 39-49.	0.4	21
358	Substitution of anticonvulsant drugs. <i>Therapeutics and Clinical Risk Management</i> , 2009, 5, 449.	0.9	13
359	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
360	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

#	ARTICLE	IF	CITATIONS
361	Adverse Effects of Antenatal Glucocorticoids on Cerebral Myelination in Sheep. <i>Obstetrics and Gynecology</i> , 2009, 113, 142-151.	1.2	71
362	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
363	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
364	Enriched environment promotes efficiency of compensatory movements after cerebral ischemia in rats. <i>Neuroscience</i> , 2009, 163, 759-769.	1.1	44
365	Alveolar hypoventilation as an early symptom of muscle weakness in facioscapulohumeral muscular dystrophy. <i>Sleep Medicine</i> , 2009, 10, 592-593.	0.8	7
366	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
367	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
368	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
369	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
370	Identification of Ischemic Regions in a Rat Model of Stroke. <i>PLoS ONE</i> , 2009, 4, e4764.	1.1	208
371	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
372	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
373	Aspirin and Extended-Release Dipyridamole versus Clopidogrel for Recurrent Stroke. <i>New England Journal of Medicine</i> , 2008, 359, 1238-1251.	13.9	882
374	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
375	Causality in the relationship between central sleep apnea and paroxysmal atrial fibrillation. <i>Sleep Medicine</i> , 2008, 9, 462-464.	0.8	14
376	Behavioral correlates of negative BOLD signal changes in the primary somatosensory cortex. <i>NeuroImage</i> , 2008, 41, 1364-1371.	2.1	113
377	Induction of Neurogenesis in the Adult Dentate Gyrus by Cortical Spreading Depression. <i>Stroke</i> , 2008, 39, 3064-3072.	1.0	30
378	Statins Modulate Heat Shock Protein Expression and Enhance Retinal Ganglion Cell Survival after Transient Retinal Ischemia/Reperfusion In Vivo. , 2008, 49, 4971.		40

#	ARTICLE	IF	CITATIONS
379	Telmisartan to Prevent Recurrent Stroke and Cardiovascular Events. New England Journal of Medicine, 2008, 359, 1225-1237.	13.9	703
380	Loss of GABAergic neurons in the subiculum and its functional implications in temporal lobe epilepsy. Brain, 2008, 131, 1516-1527.	3.7	89
381	Early Disruption of the Bloodâ€”Brain Barrier After Thrombolytic Therapy Predicts Hemorrhage in Patients With Acute Stroke. Stroke, 2008, 39, 2385-2387.	1.0	97
382	Imaging of Wallerian Degeneration in the Brain. Current Medical Imaging, 2008, 4, 71-76.	0.4	2
383	Effects of Skilled Forelimb Training on Hippocampal Neurogenesis and Spatial Learning After Focal Cortical Infarcts in the Adult Rat Brain. Stroke, 2007, 38, 2833-2840.	1.0	68
384	Aneurysm of the Extracranial Carotid Artery with Spontaneous Echo Contrast Revealed by Duplex Sonography. Ultraschall in Der Medizin, 2007, 28, 216-218.	0.8	4
385	Photothrombotic infarct impairs experience-dependent plasticity in neighboring cortex. NeuroReport, 2007, 18, 165-169.	0.6	29
386	Temporal profile of connexin 43 expression after photothrombotic lesion in rat brain. Neuroscience, 2007, 144, 562-570.	1.1	33
387	Up-regulation of Connexin43 in the glial scar following photothrombotic ischemic injury. Molecular and Cellular Neurosciences, 2007, 35, 89-99.	1.0	67
388	Functional mapping of cortical areas with optical imaging. Neurolmage, 2007, 37, 440-448.	2.1	8
389	Polarized light imaging of white matter architecture. Microscopy Research and Technique, 2007, 70, 851-863.	1.2	75
390	Time course of diffusion imaging in acute brainstem infarcts. Journal of Magnetic Resonance Imaging, 2007, 26, 905-912.	1.9	44
391	Levetiracetam as a treatment option in non-convulsive status epilepticus. Epilepsy Research, 2007, 73, 238-244.	0.8	75
392	Fetal body weight and the development of the control of the cardiovascular system in fetal sheep. Journal of Physiology, 2007, 579, 893-907.	1.3	53
393	Effects of physiological aging and cerebrovascular risk factors on the hemodynamic response to brain activation: a functional transcranial Doppler study. European Journal of Neurology, 2007, 14, 125-131.	1.7	35
394	Lack of effect of antenatal glucocorticoid therapy in the fetal baboon on cerebral cortical glucose transporter proteins. Journal of Medical Primatology, 2007, 36, 17-20.	0.3	3
395	Fractional anisotropy correlates with auditory simple reaction time performance. Brain Research, 2007, 1186, 194-202.	1.1	16
396	Synaptic responses in superficial layers of medial entorhinal cortex from rats with kainate-induced epilepsy. Neurobiology of Disease, 2007, 26, 419-438.	2.1	30

#	ARTICLE	IF	CITATIONS
397	Extending the potential of perfusion imaging with MRI to prevent major stroke. <i>Lancet Neurology</i> , The, 2007, 6, 102-104.	4.9	4
398	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
399	Functional significance of age-related differences in motor activation patterns. <i>NeuroImage</i> , 2006, 32, 1345-1354.	2.1	136
400	High frequency of partial SPAST deletions in autosomal dominant hereditary spastic paraplegia. <i>Neurology</i> , 2006, 67, 1926-1930.	1.5	133
401	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
402	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
403	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
404	Stable expression of the vesicular GABA transporter following photothrombotic infarct in rat brain. <i>Neuroscience</i> , 2006, 140, 865-877.	1.1	8
405	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
406	Imaging motor recovery after stroke. <i>NeuroRx</i> , 2006, 3, 482-488.	6.0	20
407	Outcome after decompressive craniectomy in patients with severe ischemic stroke. <i>Acta Neurochirurgica</i> , 2006, 148, 31-37.	0.9	68
408	1 α ,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
409	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
410	Microdialysis as a tool in local pharmacodynamics. <i>AAPS Journal</i> , 2006, 8, E222-E235.	2.2	32
411	Changes in neocortical and hippocampal GABAA receptor subunit distribution during brain maturation and aging. <i>Brain Research</i> , 2006, 1099, 73-81.	1.1	141
412	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
413	Neuronal dynamics and cortical oscillations. <i>Journal of Physiology (Paris)</i> , 2006, 99, 1-2.	2.1	0
414	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

#	ARTICLE	IF	CITATIONS
415	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. Journal of Neuroscience Research, 2006, 84, 1053-1063.	1.3	98
416	NXY-059 for Acute Ischemic Stroke. New England Journal of Medicine, 2006, 354, 588-600.	13.9	632
417	Chapter 15 Pain and itch in Wallenberg's syndrome: anatomicalâ€“functional correlations. Supplements To Clinical Neurophysiology, 2006, , 187-194.	2.1	22
418	Cortical Blindness After Catheter Angiography. Neurocritical Care, 2005, 3, 059-060.	1.2	7
419	Reduced somatosensory hand representation in thalidomide-induced dysmelia as revealed by fMRI. European Journal of Neuroscience, 2005, 21, 556-562.	1.2	12
420	Betamethasone effects on fetal sheep cerebral blood flow are not dependent on maturation of cerebrovascular system and pituitary-adrenal axis. Journal of Physiology, 2005, 564, 575-588.	1.3	20
421	Perception of phrase structure in music. Human Brain Mapping, 2005, 24, 259-273.	1.9	99
422	Imaging microscopy of the middle and inner ear: Part II: MR microscopy. Clinical Anatomy, 2005, 18, 409-415.	1.5	29
423	Hyponatremic encephalopathy caused by desmopressinâ€“induced hyponatremia. Journal of Neurology, 2005, 252, 1411-1413.	1.8	6
424	Shrinkage of Somatosensory Hand Area in Subjects With Upper Extremity Dysmelia Revealed by Magnetoencephalography. Journal of Neurophysiology, 2005, 93, 813-818.	0.9	13
425	Possible transcallosal seizure induction by paired pulse transcranial magnetic stimulation in a patient with frontal lobe epilepsy. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 454-455.	0.9	6
426	Initial DWI and ADC imaging may predict outcome in acute disseminated encephalomyelitis: report of two cases of brain stem encephalitis. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 996-998.	0.9	41
427	Intracerebral haemorrhage in CADASIL. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 1606-1607.	0.9	28
428	Hashimoto's encephalopathy: steroid resistance and response to intravenous immunoglobulins. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 455-456.	0.9	79
429	Diffuse cystic leucoencephalopathy after buprenorphine injection. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 890-891.	0.9	7
430	Localized Reversible Reduction of Apparent Diffusion Coefficient in Transient Hypoglycemia-Induced Hemiparesis. Stroke, 2005, 36, e20-2.	1.0	79
431	Long-term effects of sequential cortical infarcts on scar size, brain volume and cognitive function. Behavioural Brain Research, 2005, 158, 69-77.	1.2	25
432	Motor improvements after focal cortical ischemia in adult rats are mediated by compensatory mechanisms. Behavioural Brain Research, 2005, 162, 71-82.	1.2	101

#	ARTICLE	IF	CITATIONS
433	Optical imaging of epileptiform activity in experimentally induced cortical malformations. <i>Experimental Neurology</i> , 2005, 192, 288-298.	2.0	14
434	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
435	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
436	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
437	Delayed Shrinkage of the Brain After Ischemic Stroke: Preliminary Observations With Voxelâ€Guided Morphometry. <i>Journal of Neuroimaging</i> , 2004, 14, 265-272.	1.0	81
438	Recurrent posterior reversible encephalopathy syndrome (PRES). <i>Journal of Human Hypertension</i> , 2004, 18, 287-289.	1.0	55
439	Organic bipolar disorder occurring together with spontaneous intracranial hypotension. <i>Psychiatry Research - Neuroimaging</i> , 2004, 131, 177-183.	0.9	5
440	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
441	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
442	Use-dependent cortical plasticity in thalidomide-induced upper extremity dysplasia: evidence from somesthesia and neuroimaging. <i>Experimental Brain Research</i> , 2004, 156, 333-341.	0.7	13
443	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
444	Event-related fMRI with painful electrical stimulation of the trigeminal nerve. <i>Magnetic Resonance Imaging</i> , 2004, 22, 205-209.	1.0	22
445	GABA neurons survive focal ischemic injury. <i>Neuroscience</i> , 2004, 127, 341-346.	1.1	47
446	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
447	Perilesional pathological oscillatory activity in the magnetoencephalogram of patients with cortical brain lesions. <i>Neuroscience Letters</i> , 2004, 355, 93-96.	1.0	68
448	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
449	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
450	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

#	ARTICLE	IF	CITATIONS
451	Delayed Shrinkage of the Brain After Ischemic Stroke: Preliminary Observations With Voxel-Guided Morphometry. , 2004, 14, 265-272.		50
452	P0055 PP CIRCULATING GHRELIN INCREASES AFTER WEIGHT LOSS IN OBESE CHILDREN. Journal of Pediatric Gastroenterology and Nutrition, 2004, 39, S77.	0.9	0
453	Hirnschädigung durch Epilepsie. Zeitschrift Fur Epileptologie, 2003, 16, 203-206.	0.2	0
454	Functional organization of the brain with malformations of cortical development. Annals of Neurology, 2003, 53, 759-767.	2.8	156
455	Induction of bilateral plasticity in sensory cortical maps by small unilateral cortical infarcts in rats. European Journal of Neuroscience, 2003, 17, 623-627.	1.2	44
456	Gender-specific Differences of Hypometabolism in mTLE: Implication for Cognitive Impairments. Epilepsia, 2003, 44, 1551-1561.	2.6	29
457	Differential alterations of the inactivation properties of high voltage activated calcium currents in area CA1 and CA3 of the rat following photothrombotic lesion. Neuroscience Letters, 2003, 341, 147-150.	1.0	2
458	Distribution of glutamate receptor subunits in experimentally induced cortical malformations. Neuroscience, 2003, 117, 991-1002.	1.1	38
459	Gunshot-Induced Artery Dissection With Twelfth Nerve Palsy. Archives of Neurology, 2003, 60, 280.	4.9	8
460	Relation Between Bicarbonate Concentration and Voltage Dependence of Sodium Currents in Freshly Isolated CA1 Neurons of the Rat. Journal of Neurophysiology, 2003, 89, 2489-2498.	0.9	22
461	Use-related gene expression patterns of rat motor cortex. NeuroReport, 2002, 13, 953-956.	0.6	7
462	Different Mechanisms of Secondary Neuronal Damage in Thalamic Nuclei After Focal Cerebral Ischemia in Rats. Stroke, 2002, 33, 3006-3011.	1.0	118
463	Acute effects of cigarette smoking on cerebral oxygenation and hemodynamics. Journal of the Neurological Sciences, 2002, 205, 71-75.	0.3	22
464	Gene Expression Profiling in Perilesional and Contralateral Areas after Ischemia in Rat Brain. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 153-160.	2.4	67
465	Widespread and Long-Lasting Alterations in GABA _A -Receptor Subtypes after Focal Cortical Infarcts in Rats: Mediation by NMDA-Dependent Processes. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 1463-1475.	2.4	119
466	Widespread and Long-Lasting Alterations in GABA _A -Receptor Subtypes After Focal Cortical Infarcts in Rats: Mediation by NMDA-Dependent Processes. Journal of Cerebral Blood Flow and Metabolism, 2002, , 1463-1475.	2.4	46
467	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
468	Local Lyapunov exponents detect epileptic zones in spike-less interictal MEG recordings. Clinical Neurophysiology, 2001, 112, 60-67.	0.7	18

#	ARTICLE	IF	CITATIONS
469	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
470	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
471	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
472	A Novel Role of Vasopressin in the Brain: Modulation of Activity-Dependent Water Flux in the Neocortex. <i>Journal of Neuroscience</i> , 2001, 21, 3045-3051.	1.7	143
473	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
474	Metabolic and electrophysiological alterations in an animal model of neocortical neuronal migration disorder. <i>NeuroReport</i> , 2001, 12, 2001-2006.	0.6	12
475	Postlesional transcriptional regulation of metabotropic glutamate receptors: implications for plasticity and excitotoxicity. <i>Acta Neuropathologica</i> , 2001, 101, 79-84.	3.9	9
476	Cortical Spreading Depression Induces Proinflammatory Cytokine Gene Expression in the Rat Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 218-225.	2.4	161
477	Directed spatial potassium redistribution in rat neocortex. , 2000, 29, 288-292.		92
478	Low-frequency respiratory rhythms in infants during the first six months of life. <i>Clinical Physiology</i> , 2000, 20, 200-211.	0.7	3
479	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
480	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
481	Temporal lobe epilepsy with sensory aura: interictal glucose hypometabolism. <i>Epilepsy Research</i> , 2000, 38, 139-149.	0.8	11
482	Suppression of proteasome C2 contralateral to ischemic lesions in rat brain. <i>Brain Research</i> , 2000, 858, 386-392.	1.1	16
483	Enhancement of whole cell calcium currents following transient MCAO. <i>Brain Research</i> , 2000, 884, 129-138.	1.1	15
484	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
485	Concentration Dependence of Bicarbonate-Induced Calcium Current Modulation. <i>Journal of Neurophysiology</i> , 2000, 84, 2277-2283.	0.9	5
486	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

#	ARTICLE	IF	CITATIONS
487	Ebselen Lowers Plasma Interleukin-6 Levels and Glial Heme Oxygenase-1 Expression after Focal Photothrombotic Brain Ischemia. Archives of Biochemistry and Biophysics, 2000, 380, 237-242.	1.4	28
488	Transient up-regulation of $\hat{3}$ -aminobutyric acidA receptor binding by lubeluzole after neocortical specify lesion in rats. Neuroscience Letters, 2000, 296, 125-128.	1.0	2
489	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. Journal of Chemical Neuroanatomy, 2000, 20, 163-176.	1.0	20
490	Isolated Echinococcus granulosus hydatid cyst in the CNS with severe reaction to treatment. Neurology, 1999, 52, 1100-1100.	1.5	16
491	Different cortical organization of visceral and somatic sensation in humans. European Journal of Neuroscience, 1999, 11, 305-315.	1.2	73
492	Cortical activation during oesophageal stimulation: a neuromagnetic study. Neurogastroenterology and Motility, 1999, 11, 163-171.	1.6	21
493	Bilateral reductions of hippocampal volume, glucose metabolism, and Wada hemispheric memory performance are related to the duration of mesial temporal lobe epilepsy. Journal of Neurology, 1999, 246, 926-933.	1.8	79
494	Reorganized cerebral metabolic interactions in temporal lobe epilepsy. Neuropsychologia, 1999, 37, 625-636.	0.7	11
495	Upregulation of GABAA-receptor $\hat{1}$ - and $\hat{2}$ -subunit mRNAs following ischemic cortical lesions in rats. Brain Research, 1999, 816, 234-237.	1.1	40
496	Effects of tetanus toxin on functional inhibition after injection in separate cortical areas in rat. Brain Research, 1999, 818, 127-134.	1.1	10
497	Electrophysiological transcortical diaschisis after middle cerebral artery occlusion (MCAO) in rats. Neuroscience Letters, 1999, 261, 85-88.	1.0	91
498	Widespread up-regulation of N-methyl-d-aspartate receptors after focal photothrombotic lesion in rat brain. Neuroscience Letters, 1999, 273, 77-80.	1.0	94
499	Heterogeneity of the microglial response in photochemically induced focal ischemia of the rat cerebral cortex. Neuroscience, 1999, 89, 1367-1377.	1.1	88
500	Changes in GABAA and GABAB receptor binding following cortical photothrombosis: a quantitative receptor autoradiographic study. Neuroscience, 1999, 93, 1233-1240.	1.1	65
501	Enlargement of cortical vibrissa representation in the surround of an ischemic cortical lesion. Journal of the Neurological Sciences, 1999, 162, 6-13.	0.3	29
502	Uncoupling of Blood Flow and Metabolism in Focal Epilepsy. Epilepsia, 1998, 39, 1235-1242.	2.6	56
503	Brain Hypometabolism in a Model of Chronic Focal Epilepsy in Rat Neocortex. Epilepsia, 1998, 39, 339-346.	2.6	17
504	Bihemispheric reduction of GABAA receptor binding following focal cortical photothrombotic lesions in the rat brain. Brain Research, 1998, 813, 374-380.	1.1	81

#	ARTICLE	IF	CITATIONS
505	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
506	Increased long-term potentiation in the surround of experimentally induced focal cortical infarction. <i>Annals of Neurology</i> , 1998, 44, 255-258.	2.8	196
507	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
508	Thalamocortical circuits causing remote hypometabolism during focal interictal epilepsy. <i>Epilepsy Research</i> , 1998, 32, 379-387.	0.8	19
509	Interaction of finger representation in the human first somatosensory cortex: a neuromagnetic study. <i>Neuroscience Letters</i> , 1998, 251, 13-16.	1.0	67
510	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
511	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
512	Transient Increase of Manganese-Dependent Superoxide Dismutase in Remote Brain Areas After Focal Photothrombotic Cortical Lesion. <i>Stroke</i> , 1998, 29, 203-211.	1.0	74
513	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
514	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
515	Excitability changes and glucose metabolism in experimentally induced focal cortical dysplasias. <i>Cerebral Cortex</i> , 1998, 8, 623-634.	1.6	41
516	Extracortical 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
517	Functional organization of the auditory cortex is different in stutterers and fluent speakers. <i>NeuroReport</i> , 1998, 9, 2225-2229.	0.6	87
518	Handedness and Asymmetry of Hand Representation in Human Motor Cortex. <i>Journal of Neurophysiology</i> , 1998, 79, 2149-2154.	0.9	287
519	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
520	Prefrontal asymmetric interictal glucose hypometabolism and cognitive impairment in patients with temporal lobe epilepsy. <i>Brain</i> , 1997, 120, 2283-2294.	3.7	168
521	Ictal motor signs and interictal regional cerebral hypometabolism. <i>Neurology</i> , 1997, 49, 341-350.	1.5	39
522	Extended brain disinhibition following small photothrombotic lesions in rat frontal cortex. <i>NeuroReport</i> , 1997, 8, 519-522.	0.6	87

#	ARTICLE	IF	CITATIONS
523	Pharmacological reduction of electrophysiological diaschisis after photothrombotic ischemia in rat neocortex. <i>European Journal of Pharmacology</i> , 1997, 320, 103-109.	1.7	26
524	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
525	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
526	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
527	Structural alterations and changes in cytoskeletal proteins and proteoglycans after focal cortical ischemia. <i>Neuroscience</i> , 1997, 82, 397-420.	1.1	65
528	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
529	Recording of neuronal network properties with near-infrared dark-field microscopy and microelectrodes. <i>Electrochimica Acta</i> , 1997, 42, 3241-3246.	2.6	4
530	Expression of the Na ⁺ -Glucose Cotransporter SGLT1 in Neurons. <i>Journal of Neurochemistry</i> , 1997, 69, 84-94.	2.1	101
531	Phagocytic Response in Photochemically Induced Infarction of Rat Cerebral Cortex. <i>Stroke</i> , 1997, 28, 382-386.	1.0	148
532	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. <i>Genomics</i> , 1996, 31, 90-94.	1.3	160
533	Intrinsic optical signals in rat neocortical slices measured with near- infrared dark-field microscopy reveal changes in extracellular space. <i>Journal of Neuroscience</i> , 1996, 16, 2740-2749.	1.7	203
534	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
535	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
536	Systemically administered cycloheximide reduces inhibition in rat neocortical slice preparation. <i>Brain Research</i> , 1996, 743, 329-332.	1.1	6
537	Cerebellar Hypometabolism in Focal Epilepsy Is Related to Age of Onset and Drug Intoxication. <i>Epilepsia</i> , 1996, 37, 1194-1199.	2.6	15
538	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
539	Topography of interictal glucose hypometabolism in unilateral mesiotemporal epilepsy. <i>Neurology</i> , 1996, 46, 1422-1422.	1.5	151
540	Electrophysiological Transcortical Diaschisis After Cortical Photothrombosis in Rat Brain. <i>Stroke</i> , 1996, 27, 1105-1111.	1.0	195

#	ARTICLE	IF	CITATIONS
541	Modulation of somatosensory evoked magnetic fields by sensory and motor interferences. <i>NeuroReport</i> , 1995, 6, 1653-1658.	0.6	28
542	Palatal Tremor of Cortical Origin Presenting as Epilepsia Partialis Continua. <i>Epilepsia</i> , 1995, 36, 207-209.	2.6	17
543	Cellular activity underlying altered brain metabolism during focal epileptic activity. <i>Annals of Neurology</i> , 1995, 38, 414-420.	2.8	60
544	Astroglial responses in photochemically induced focal ischemia of the rat cortex. <i>Experimental Brain Research</i> , 1995, 106, 1-6.	0.7	95
545	Inhibitory mechanisms in epileptiform activity induced by low magnesium. <i>Pflugers Archiv European Journal of Physiology</i> , 1995, 430, 238-245.	1.3	16
546	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
547	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
548	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
549	Refractory periods following interictal spikes in acute experimentally induced epileptic foci. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995, 94, 80-85.	0.3	20
550	Epileptic seizures triggered directly by focal transcranial magnetic stimulation. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995, 94, 19-25.	0.3	75
551	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
552	Dynamic changes of focal hypometabolism in relation to epileptic activity. <i>Journal of the Neurological Sciences</i> , 1994, 124, 188-197.	0.3	42
553	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
554	Epileptic activity can induce both long-lasting potentiation and long-lasting depression. <i>Brain Research</i> , 1994, 653, 340-344.	1.1	12
555	Inhibitory mechanisms terminating paroxysmal depolarization shifts in hippocampal neurons of rats. <i>Neuroscience Letters</i> , 1994, 176, 71-74.	1.0	16
556	Changes in intrinsic optical signal of rat neocortical slices following afferent stimulation. <i>Neuroscience Letters</i> , 1994, 180, 227-230.	1.0	31
557	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
558	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

#	ARTICLE	IF	CITATIONS
559	Oscillatory activity in different motor subsystems in palatal myoclonus. A case report. <i>Acta Neurologica Scandinavica</i> , 1992, 86, 176-183.	1.0	20
560	Participation of interneurons in penicillin-induced epileptic discharges. <i>Experimental Brain Research</i> , 1991, 83, 683-6.	0.7	35
561	Afterpotentials following penicillin-induced paroxysmal depolarizations in rat hippocampal CA1 pyramidal cells in vitro. <i>Pflugers Archiv European Journal of Physiology</i> , 1991, 417, 469-478.	1.3	18
562	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
563	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
564	Post-hypoxic action (intention) myoclonus: a clinico-electroencephalographic study. <i>Journal of Neurology</i> , 1988, 235, 214-218.	1.8	19
565	Membrane currents induced by pentylenetetrazol in identified neurons of <i>Helix pomatia</i> . <i>Brain Research</i> , 1988, 473, 294-305.	1.1	29
566	Calcium Ion Involvement in Epileptogenesis. <i>The American Journal of EEG Technology</i> , 1987, 27, 223-238.	0.3	11
567	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
568	Decrease of potassium permeability by intracellular application of sodium ions in snail neurons. <i>Neuroscience Letters</i> , 1985, 60, 139-143.	1.0	2
569	Acetylcholine responses of identified neurons in <i>helix pomatia</i> —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
570	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
571	Acetylcholine responses of identified neurons in <i>Helix pomatia</i> —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
572	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
573	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
574	Suppression of focal epileptiform discharges by extracellular application of a calcium antagonist. <i>Cell Calcium</i> , 1984, 5, 318.	1.1	1
575	Continuous measurement of pentylenetetrazol concentration by a liquid ion exchanger microelectrode. <i>Journal of Neuroscience Methods</i> , 1984, 11, 187-192.	1.3	12
576	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

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