

Michael Nilsson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

207 papers	10,640 citations	46 h-index	99 g-index
220 ext. papers	11,983 ext. citations	4.9 avg, IF	6.22 L-index

#	Paper	IF	Citations
207	Assessing the Efficacy of an Individualized Psychological Flexibility Skills Training Intervention App for Medical Student Burnout and Well-being: Protocol for a Randomized Controlled Trial.. <i>JMIR Research Protocols</i> , 2022 , 11, e32992	2	0
206	Growth Hormone Increases BDNF and mTOR Expression in Specific Brain Regions after Photothrombotic Stroke in Mice.. <i>Neural Plasticity</i> , 2022 , 2022, 9983042	3.3	
205	Do P2Y12 receptor inhibitors prescribed poststroke modify the risk of cognitive disorder or dementia? Protocol for a target trial using multiple national Swedish registries.. <i>BMJ Open</i> , 2022 , 12, e058244	3	
204	What do stroke survivors value about participating in research and what are the most important research problems related to stroke or transient ischemic attack (TIA)? A survey. <i>BMC Medical Research Methodology</i> , 2021 , 21, 209	4.7	0
203	Participants' Perspective of Engaging in a Gym-Based Health Service Delivered Secondary Stroke Prevention Program after TIA or Mild Stroke. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
202	Exploring How Low Oxygen Post Conditioning Improves Stroke-Induced Cognitive Impairment: A Consideration of Amyloid-Beta Loading and Other Mechanisms. <i>Frontiers in Neurology</i> , 2021 , 12, 585189	4.1	1
201	More than motor impairment: A spatiotemporal analysis of cognitive impairment and associated neuropathological changes following cortical photothrombotic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 2439-2455	7.3	8
200	Altering the rehabilitation environment to improve stroke survivor activity: A Phase II trial. <i>International Journal of Stroke</i> , 2021 , 17474930211006999	6.3	10
199	Plasma neurofilament light chain levels predict improvement in late phase after stroke. <i>European Journal of Neurology</i> , 2021 , 28, 2218-2228	6	1
198	Corticosterone Administration Alters White Matter Tract Structure and Reduces Gliosis in the Sub-Acute Phase of Experimental Stroke. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
197	Clinical Decision Support Tools for Predicting Outcomes in Patients Undergoing Total Knee Arthroplasty: A Systematic Review. <i>Journal of Arthroplasty</i> , 2021 , 36, 1832-1845.e1	4.4	2
196	Structural Connectivity Remote From Lesions Correlates With Somatosensory Outcome Poststroke. <i>Stroke</i> , 2021 , 52, 2910-2920	6.7	2
195	Increased Relative Functional Gain and Improved Stroke Outcomes: A Linked Registry Study of the Impact of Rehabilitation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 106015	2.8	2
194	Exploring the relationship between fatigue and circulating levels of the pro-inflammatory biomarkers interleukin-6 and C-reactive protein in the chronic stage of stroke recovery: A cross-sectional study. <i>Brain, Behavior, & Immunity - Health</i> , 2020 , 9, 100157	5.1	2
193	Exploration of stress management interventions to address psychological stress in stroke survivors: a protocol for a scoping review. <i>BMJ Open</i> , 2020 , 10, e035592	3	1
192	Increasing time spent engaging in moderate-to-vigorous physical activity by community-dwelling adults following a transient ischemic attack or non-disabling stroke: a systematic review. <i>Disability and Rehabilitation</i> , 2020 , 1-16	2.4	8
191	Improving Patient Outcomes Following Total Knee Arthroplasty: Identifying Rehabilitation Pathways Based on Modifiable Psychological Risk and Resilience Factors. <i>Frontiers in Psychology</i> , 2020 , 11, 1061	3.4	5

190	Relationship between Levels of Pre-Stroke Physical Activity and Post-Stroke Serum Insulin-Like Growth Factor I. <i>Biomedicines</i> , 2020 , 8,	4.8	1
189	Growth Hormone Treatment Promotes Remote Hippocampal Plasticity after Experimental Cortical Stroke. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
188	Growth Hormone Promotes Motor Function after Experimental Stroke and Enhances Recovery-Promoting Mechanisms within the Peri-Infarct Area. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
187	Opposing Associations of Stress and Resilience With Functional Outcomes in Stroke Survivors in the Chronic Phase of Stroke: A Cross-Sectional Study. <i>Frontiers in Neurology</i> , 2020 , 11, 230	4.1	9
186	Time-efficient intervention to improve older adolescentsCardiorespiratory fitness: findings from the Burn 2 LearnCluster randomised controlled trial. <i>British Journal of Sports Medicine</i> , 2020 ,	10.3	12
185	Motor Function in the Late Phase After Stroke: Stroke SurvivorsSPerspective. <i>Annals of Rehabilitation Medicine</i> , 2020 , 44, 362-369	1.7	1
184	Similar cognitive deficits in mice and humans in the chronic phase post-stroke identified using the touchscreen-based paired-associate learning task. <i>Scientific Reports</i> , 2020 , 10, 19545	4.9	4
183	Association Between Levels of Serum Insulin-like Growth Factor I and Functional Recovery, Mortality, and Recurrent Stroke at a 7-year Follow-up. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020 , 128, 303-310	2.3	3
182	Interventions combined with task-specific training to improve upper limb motor recovery following stroke: a systematic review with meta-analyses. <i>Physical Therapy Reviews</i> , 2019 , 24, 100-117	0.7	3
181	Visual discrimination impairment after experimental stroke is associated with disturbances in the polarization of the astrocytic aquaporin-4 and increased accumulation of neurotoxic proteins. <i>Experimental Neurology</i> , 2019 , 318, 232-243	5.7	11
180	School-based physical activity intervention for older adolescents: rationale and study protocol for the Burn 2 Learn cluster randomised controlled trial. <i>BMJ Open</i> , 2019 , 9, e026029	3	11
179	Finding the Intersection of Neuroplasticity, Stroke Recovery, and Learning: Scope and Contributions to Stroke Rehabilitation. <i>Neural Plasticity</i> , 2019 , 2019, 5232374	3.3	12
178	Rapid electrophoretic recovery of DNA from dried blood spots. <i>Electrophoresis</i> , 2019 , 40, 1812-1819	3.6	2
177	What Is the Dose-Response Relationship Between Exercise and Cardiorespiratory Fitness After Stroke? A Systematic Review. <i>Physical Therapy</i> , 2019 , 99, 821-832	3.3	6
176	Low oxygen post conditioning prevents thalamic secondary neuronal loss caused by excitotoxicity after cortical stroke. <i>Scientific Reports</i> , 2019 , 9, 4841	4.9	14
175	Aerobic exercise and consecutive task-specific training (AExaCTT) for upper limb recovery after stroke: A randomized controlled pilot study. <i>Physiotherapy Research International</i> , 2019 , 24, e1775	1.8	1
174	A Microfluidics Workflow for Sample Preparation for Next-Generation DNA Sequencing. <i>SLAS Technology</i> , 2019 , 24, 196-208	3	7
173	Can We Use 2,3,5-Triphenyltetrazolium Chloride-Stained Brain Slices for Other Purposes? The Application of Western Blotting. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 181	6.1	11

172	The Impact of Physical Activity on Brain Structure and Function in Youth: A Systematic Review. <i>Pediatrics</i> , 2019 , 144,	7.4	47
171	Feasibility of Aerobic Interval Training in Nonambulant Persons after Stroke. <i>Bioengineered</i> , 2019 , 8, 97-101	5.7	0
170	The Feasibility of a Telehealth Exercise Program Aimed at Increasing Cardiorespiratory Fitness for People After Stroke. <i>International Journal of Telerehabilitation</i> , 2019 , 11, 9-28	4.5	10
169	Effects of horse-riding therapy and rhythm and music-based therapy on functional mobility in late phase after stroke. <i>NeuroRehabilitation</i> , 2019 , 45, 483-492	2	8
168	Low Oxygen Post Conditioning as an Efficient Non-pharmacological Strategy to Promote Motor Function After Stroke. <i>Translational Stroke Research</i> , 2019 , 10, 402-412	7.8	5
167	COMbined Physical and somatoSEnsory training after stroke: Development and description of a novel intervention to improve upper limb function. <i>Physiotherapy Research International</i> , 2019 , 24, e1748	1.8	3
166	Spatiotemporal analysis of impaired microglia process movement at sites of secondary neurodegeneration post-stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 2456-2470	7.3	32
165	Feasibility and Preliminary Efficacy of a Teacher-Facilitated High-Intensity Interval Training Intervention for Older Adolescents. <i>Pediatric Exercise Science</i> , 2019 , 31, 107-117	2	27
164	Growth Hormone Improves Cognitive Function After Experimental Stroke. <i>Stroke</i> , 2018 , 49, 1257-1266	6.7	28
163	Aerobic exercise prior to task-specific training to improve poststroke motor function: A case series. <i>Physiotherapy Research International</i> , 2018 , 23, e1707	1.8	3
162	Multimodal rehabilitation in the late phase after stroke enhances the life situation of informal caregivers. <i>Topics in Stroke Rehabilitation</i> , 2018 , 25, 161-167	2.6	3
161	Cognitive medicine - a new approach in health care science. <i>BMC Psychiatry</i> , 2018 , 18, 42	4.2	5
160	Measuring research impact in medical research institutes: a qualitative study of the attitudes and opinions of Australian medical research institutes towards research impact assessment frameworks. <i>Health Research Policy and Systems</i> , 2018 , 16, 28	3.7	5
159	Sustained administration of corticosterone at stress-like levels after stroke suppressed glial reactivity at sites of thalamic secondary neurodegeneration. <i>Brain, Behavior, and Immunity</i> , 2018 , 69, 210-222	16.6	16
158	Chronic stress induced disturbances in Laminin: A significant contributor to modulating microglial pro-inflammatory tone?. <i>Brain, Behavior, and Immunity</i> , 2018 , 68, 23-33	16.6	10
157	Peripheral immune cells infiltrate into sites of secondary neurodegeneration after ischemic stroke. <i>Brain, Behavior, and Immunity</i> , 2018 , 67, 299-307	16.6	65
156	Purinergic modulation of glutamate transmission: An expanding role in stress-linked neuropathology. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 93, 26-37	9	7
155	Age-dependent Disturbances of Neuronal and Glial Protein Expression Profiles in Areas of Secondary Neurodegeneration Post-stroke. <i>Neuroscience</i> , 2018 , 393, 185-195	3.9	12

154	Altered levels of circulating insulin-like growth factor I (IGF-I) following ischemic stroke are associated with outcome - a prospective observational study. <i>BMC Neurology</i> , 2018 , 18, 106	3.1	7
153	Combined somatosensory and motor training to improve upper limb function following stroke: a systematic scoping review. <i>Physical Therapy Reviews</i> , 2018 , 23, 355-375	0.7	3
152	A mixed-methods study to explore opinions of research translation held by researchers working in a Centre of Research Excellence in Australia. <i>BMJ Open</i> , 2018 , 8, e022357	3	4
151	Feasibility of Aerobic Interval Training in Non-Ambulant Persons after Stroke. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 368	1.2	0
150	A qualitative exploration of post-acute stroke participants' experiences of a multimodal intervention incorporating horseback riding. <i>PLoS ONE</i> , 2018 , 13, e0203933	3.7	9
149	Implementing a protocol for a research impact assessment of the Centre for Research Excellence in Stroke Rehabilitation and Brain Recovery. <i>Health Research Policy and Systems</i> , 2018 , 16, 71	3.7	2
148	Growth Hormone Deficiency Is Frequent After Recent Stroke. <i>Frontiers in Neurology</i> , 2018 , 9, 713	4.1	8
147	Experiences from a multimodal rhythm and music-based rehabilitation program in late phase of stroke recovery - A qualitative study. <i>PLoS ONE</i> , 2018 , 13, e0204215	3.7	9
146	Delay of late-venous phase cortical vein filling in acute ischemic stroke patients: Associations with collateral status. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 671-682	7.3	25
145	Chronic stress exposure following photothrombotic stroke is associated with increased levels of Amyloid beta accumulation and altered oligomerisation at sites of thalamic secondary neurodegeneration in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 1338-1348	7.3	35
144	Baseline collateral status and infarct topography in post-ischaemic perilesional hyperperfusion: An arterial spin labelling study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 1148-1162	7.3	21
143	Oral administration of corticosterone at stress-like levels drives microglial but not vascular disturbances post-stroke. <i>Neuroscience</i> , 2017 , 352, 30-38	3.9	11
142	MIDAS (Modafinil in Debilitating Fatigue After Stroke): A Randomized, Double-Blind, Placebo-Controlled, Cross-Over Trial. <i>Stroke</i> , 2017 , 48, 1293-1298	6.7	38
141	Authors' response re: "Reconsidering the role of glial cells in chronic stress-induced dopaminergic neurons loss within the substantia nigra? Friend or foe?" by Ong et al. <i>Brain Behavior and Immunity</i> , 2016. <i>Brain, Behavior, and Immunity</i> , 2017 , 60, 384	16.6	
140	Long-Term Improvements After Multimodal Rehabilitation in Late Phase After Stroke: A Randomized Controlled Trial. <i>Stroke</i> , 2017 , 48, 1916-1924	6.7	43
139	Executive function and attention in patients with stress-related exhaustion: perceived fatigue and effect of distraction. <i>Stress</i> , 2017 , 20, 333-340	3	19
138	Chronic stress induced disruption of the peri-infarct neurovascular unit following experimentally induced photothrombotic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 3709-3724	7.3	26
137	Impaired microglia process dynamics post-stroke are specific to sites of secondary neurodegeneration. <i>Glia</i> , 2017 , 65, 1885-1899	9	33

136	Enhancing the alignment of the preclinical and clinical stroke recovery research pipeline: Consensus-based core recommendations from the Stroke Recovery and Rehabilitation Roundtable translational working group. <i>International Journal of Stroke</i> , 2017 , 12, 462-471	6.3	64
135	An analysis of signal processing algorithm performance for cortical intrinsic optical signal imaging and strategies for algorithm selection. <i>Scientific Reports</i> , 2017 , 7, 7198	4.9	3
134	AExaCTT - Aerobic Exercise and Consecutive Task-specific Training for the upper limb after stroke: Protocol for a randomised controlled pilot study. <i>Contemporary Clinical Trials Communications</i> , 2017 , 7, 179-185	1.8	5
133	Enhancing the Alignment of the Preclinical and Clinical Stroke Recovery Research Pipeline: Consensus-Based Core Recommendations From the Stroke Recovery and Rehabilitation Roundtable Translational Working Group. <i>Neurorehabilitation and Neural Repair</i> , 2017 , 31, 699-707	4.7	42
132	Measuring research impact in Australia's medical research institutes: a scoping literature review of the objectives for and an assessment of the capabilities of research impact assessment frameworks. <i>Health Research Policy and Systems</i> , 2017 , 15, 22	3.7	12
131	Reconsidering the role of glial cells in chronic stress-induced dopaminergic neurons loss within the substantia nigra? Friend or foe?. <i>Brain, Behavior, and Immunity</i> , 2017 , 60, 117-125	16.6	17
130	Is Stroke a Neurodegenerative Condition? A Critical Review of Secondary Neurodegeneration and Amyloid-beta Accumulation after Stroke. <i>AIMS Medical Science</i> , 2017 , 4, 1-16	0.4	22
129	The influence of initial stroke severity on mortality, overall functional outcome and in-hospital placement at 90 days following acute ischemic stroke: A tertiary hospital stroke register study. <i>Neurology India</i> , 2017 , 65, 1252-1259	0.7	22
128	Physical Activity for Cognitive and Mental Health in Youth: A Systematic Review of Mechanisms. <i>Pediatrics</i> , 2016 , 138,	7.4	423
127	An approach to measuring and encouraging research translation and research impact. <i>Health Research Policy and Systems</i> , 2016 , 14, 60	3.7	41
126	Modafinil In Debilitating fatigue After Stroke (MIDAS): study protocol for a randomised, double-blinded, placebo-controlled, crossover trial. <i>Trials</i> , 2016 , 17, 410	2.8	11
125	Nonpsychotic Mental Disorders in Teenage Males and Risk of Early Stroke: A Population-Based Study. <i>Stroke</i> , 2016 , 47, 814-21	6.7	5
124	Association of Cortical Vein Filling with Clot Location and Clinical Outcomes in Acute Ischaemic Stroke Patients. <i>Scientific Reports</i> , 2016 , 6, 38525	4.9	12
123	Mattress and pillow for prone positioning for treatment of obstructive sleep apnoea. <i>Acta Oto-Laryngologica</i> , 2015 , 135, 271-6	1.6	9
122	Chronic stress exacerbates neuronal loss associated with secondary neurodegeneration and suppresses microglial-like cells following focal motor cortex ischemia in the mouse. <i>Brain, Behavior, and Immunity</i> , 2015 , 48, 57-67	16.6	46
121	Influence of Cardiovascular Fitness and Muscle Strength in Early Adulthood on Long-Term Risk of Stroke in Swedish Men. <i>Stroke</i> , 2015 , 46, 1769-76	6.7	36
120	Photothrombotic stroke induces persistent ipsilateral and contralateral astrogliosis in key cognitive control nuclei. <i>Neurochemical Research</i> , 2015 , 40, 362-71	4.6	26
119	Combined ampakine and BDNF treatments enhance poststroke functional recovery in aged mice via AKT-CREB signaling. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1272-9	7.3	48

118	A combined cumulative threshold spectra and digital reconstruction analysis reveal structural alterations of microglia within the prefrontal cortex following low-dose LPS administration. <i>Neuroscience</i> , 2015 , 310, 629-40	3.9	24
117	The effect of the prone sleeping position on obstructive sleep apnoea. <i>Acta Oto-Laryngologica</i> , 2015 , 135, 79-84	1.6	17
116	Kll, Lindb, and Nilsson respond: the impact of a physical activity intervention program on academic achievement. <i>Journal of School Health</i> , 2015 , 85, 279-80	2.1	
115	Effects of a Curricular Physical Activity Intervention on Children's School Performance, Wellness, and Brain Development. <i>Journal of School Health</i> , 2015 , 85, 704-13	2.1	41
114	Extended High-Frequency Bandwidth Improves Speech Reception in the Presence of Spatially Separated Masking Speech. <i>Ear and Hearing</i> , 2015 , 36, e214-24	3.4	48
113	A comparison of signal processing techniques for Intrinsic Optical Signal imaging in mice. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 6281-4	0.9	1
112	Dynamic structural remodelling of microglia in health and disease: a review of the models, the signals and the mechanisms. <i>Brain, Behavior, and Immunity</i> , 2014 , 37, 1-14	16.6	138
111	The impact of a physical activity intervention program on academic achievement in a Swedish elementary school setting. <i>Journal of School Health</i> , 2014 , 84, 473-80	2.1	46
110	Selective transfection of microglia in the brain using an antibody-based non-viral vector. <i>Brain Research</i> , 2014 , 1586, 12-22	3.7	1
109	Cardiovascular and cognitive fitness at age 18 and risk of early-onset dementia. <i>Brain</i> , 2014 , 137, 1514-23	1.2	81
108	Chronic stress induces prolonged suppression of the P2X7 receptor within multiple regions of the hippocampus: a cumulative threshold spectra analysis. <i>Brain, Behavior, and Immunity</i> , 2014 , 42, 69-80	16.6	18
107	Species-Specific Regulation of t-PA and PAI-1 Gene Expression in Human and Rat Astrocytes. <i>Gene Regulation and Systems Biology</i> , 2014 , 8, 113-8	2	6
106	Genetic associations of Nrf2-encoding NFE2L2 variants with Parkinson's disease - a multicenter study. <i>BMC Medical Genetics</i> , 2014 , 15, 131	2.1	55
105	Spectroscopy of reperfused tissue after stroke reveals heightened metabolism in patients with good clinical outcomes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 1944-50	7.3	22
104	Stress as necessary component of realistic recovery in animal models of experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 208-14	7.3	11
103	A history of unemployment or sick leave influences long-term functioning and health-related quality-of-life after severe traumatic brain injury. <i>Brain Injury</i> , 2014 , 28, 328-35	2.1	4
102	Ten-year mortality after severe traumatic brain injury in western Sweden: a case control study. <i>Brain Injury</i> , 2014 , 28, 1675-81	2.1	7
101	Physical, cognitive and social activity levels of stroke patients undergoing rehabilitation within a mixed rehabilitation unit. <i>Clinical Rehabilitation</i> , 2014 , 28, 91-101	3.3	56

100	Sedentary behaviour and physical activity of people with stroke in rehabilitation hospitals. <i>Stroke Research and Treatment</i> , 2014 , 2014, 591897	1.7	29
99	Association of NFE2L2 and KEAP1 haplotypes with amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2014 , 15, 130-7	3.6	25
98	An enriched environment increases activity in stroke patients undergoing rehabilitation in a mixed rehabilitation unit: a pilot non-randomized controlled trial. <i>Disability and Rehabilitation</i> , 2014 , 36, 255-62	2.4	131
97	Intermediate filaments are important for astrocyte response to oxidative stress induced by oxygen-glucose deprivation and reperfusion. <i>Histochemistry and Cell Biology</i> , 2013 , 140, 81-91	2.4	73
96	Chronic stress-induced disruption of the astrocyte network is driven by structural atrophy and not loss of astrocytes. <i>Acta Neuropathologica</i> , 2013 , 126, 75-91	14.3	117
95	Genetic variation at the IGF1 locus shows association with post-stroke outcome and to circulating IGF1. <i>European Journal of Endocrinology</i> , 2013 , 169, 759-65	6.5	18
94	Cardiovascular fitness and later risk of epilepsy: a Swedish population-based cohort study. <i>Neurology</i> , 2013 , 81, 1051-7	6.5	26
93	Head and neck injuries in professional soccer. <i>Clinical Journal of Sport Medicine</i> , 2013 , 23, 255-60	3.2	40
92	Pituitary function and functional outcome in adults after severe traumatic brain injury: the long-term perspective. <i>Journal of Neurotrauma</i> , 2013 , 30, 271-80	5.4	27
91	Preliminary evaluation of a light-based contact hearing device for the hearing impaired. <i>Otology and Neurotology</i> , 2013 , 34, 912-21	2.6	24
90	Plasticity response in the contralesional hemisphere after subtle neurotrauma: gene expression profiling after partial deafferentation of the hippocampus. <i>PLoS ONE</i> , 2013 , 8, e70699	3.7	21
89	AuthorsSreply. <i>British Journal of Psychiatry</i> , 2013 , 202, 311	5.4	
88	Acute and chronic stress-induced disturbances of microglial plasticity, phenotype and function. <i>Current Drug Targets</i> , 2013 , 14, 1262-76	3	196
87	A mapping study on physical activity in stroke rehabilitation: establishing the baseline. <i>Journal of Rehabilitation Medicine</i> , 2013 , 45, 997-1003	3.4	28
86	Music structure determines heart rate variability of singers. <i>Frontiers in Psychology</i> , 2013 , 4, 334	3.4	61
85	Translating the use of an enriched environment poststroke from bench to bedside: study design and protocol used to test the feasibility of environmental enrichment on stroke patients in rehabilitation. <i>International Journal of Stroke</i> , 2012 , 7, 521-6	6.3	38
84	Targeting stroke treatment to the individual. <i>International Journal of Stroke</i> , 2012 , 7, 480-1	6.3	9
83	Decreased oxidative stress during glycolytic inhibition enables maintenance of ATP production and astrocytic survival. <i>Neurochemistry International</i> , 2012 , 61, 291-301	4.4	10

82	The effects of a rhythm and music-based therapy program and therapeutic riding in late recovery phase following stroke: a study protocol for a three-armed randomized controlled trial. <i>BMC Neurology</i> , 2012 , 12, 141	3.1	20
81	Dual TNF-induced effects on NRF2 mediated antioxidant defence in astrocyte-rich cultures: role of protein kinase activation. <i>Neurochemical Research</i> , 2012 , 37, 2842-55	4.6	17
80	Modulation of neural plasticity as a basis for stroke rehabilitation. <i>Stroke</i> , 2012 , 43, 2819-28	6.7	168
79	Cardiovascular fitness in males at age 18 and risk of serious depression in adulthood: Swedish prospective population-based study. <i>British Journal of Psychiatry</i> , 2012 , 201, 352-9	5.4	78
78	Photothrombosis-induced infarction of the mouse cerebral cortex is not affected by the Nrf2-activator sulforaphane. <i>PLoS ONE</i> , 2012 , 7, e41090	3.7	38
77	Repeated transient sulforaphane stimulation in astrocytes leads to prolonged Nrf2-mediated gene expression and protection from superoxide-induced damage. <i>Neuropharmacology</i> , 2011 , 60, 343-53	5.5	63
76	Better wear out sheets than shoes: a survey of 202 stroke professionals' early mobilisation practices and concerns. <i>International Journal of Stroke</i> , 2011 , 6, 10-5	6.3	22
75	Activated microglia decrease histone acetylation and Nrf2-inducible anti-oxidant defence in astrocytes: restoring effects of inhibitors of HDACs, p38 MAPK and GSK3. <i>Neurobiology of Disease</i> , 2011 , 44, 142-51	7.5	71
74	The Nrf2-inducible antioxidant defense in astrocytes can be both up- and down-regulated by activated microglia: Involvement of p38 MAPK. <i>Glia</i> , 2011 , 59, 785-99	9	33
73	Lack of association between genetic variations in the KALRN region and ischemic stroke. <i>Clinical Biochemistry</i> , 2011 , 44, 1018-20	3.5	8
72	Serum IGF-I levels correlate to improvement of functional outcome after ischemic stroke. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1055-64	5.6	59
71	Smart Cities and the Future Internet: Towards Cooperation Frameworks for Open Innovation. <i>Lecture Notes in Computer Science</i> , 2011 , 431-446	0.9	474
70	Trauma-induced reactive gliosis is reduced after treatment with octanol and carbenoxolone. <i>Neurological Research</i> , 2011 , 33, 614-24	2.7	5
69	Long-term stimulation of neural progenitor cell migration after cortical ischemia in mice. <i>Stroke</i> , 2011 , 42, 3559-65	6.7	64
68	A systematic review and meta-analysis of erythropoietin in experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010 , 30, 961-8	7.3	92
67	An enriched environment improves sensorimotor function post-ischemic stroke. <i>Neurorehabilitation and Neural Repair</i> , 2010 , 24, 802-13	4.7	87
66	Sick leave after traumatic brain injury. The person or the diagnosis--which has greater impact?. <i>Scandinavian Journal of Public Health</i> , 2010 , 38, 541-7	3	9
65	Enhanced glutathione efflux from astrocytes in culture by low extracellular Ca ²⁺ and curcumin. <i>Neurochemical Research</i> , 2010 , 35, 1231-8	4.6	41

64	Nrf2-encoding NFE2L2 haplotypes influence disease progression but not risk in Alzheimer's disease and age-related cataract. <i>Mechanisms of Ageing and Development</i> , 2010 , 131, 105-10	5.6	65
63	Expression of plasminogen activator inhibitor-1 and protease nexin-1 in human astrocytes: Response to injury-related factors. <i>Journal of Neuroscience Research</i> , 2010 , 88, 2441-9	4.4	23
62	Association of Nrf2-encoding NFE2L2 haplotypes with Parkinson's disease. <i>BMC Medical Genetics</i> , 2010 , 11, 36	2.1	86
61	Cardiovascular fitness is associated with cognition in young adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20906-11	11.5	220
60	Alterations in membrane potential in mitochondria isolated from brain subregions during focal cerebral ischemia and early reperfusion: evaluation using flow cytometry. <i>Neurochemical Research</i> , 2009 , 34, 1857-66	4.6	14
59	Age-dependent regenerative responses in the striatum and cortex after hypoxia-ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 342-54	7.3	38
58	Protective role of reactive astrocytes in brain ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 468-81	7.3	387
57	Cell swelling precedes seizures induced by inhibition of astrocytic metabolism. <i>Epilepsy Research</i> , 2008 , 80, 132-41	3	30
56	Preseizure increased gamma electroencephalographic activity has no effect on extracellular potassium or calcium. <i>Journal of Neuroscience Research</i> , 2007 , 85, 906-18	4.4	6
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