

Michael Nilsson

List of Publications by Year in descending order

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Version: 2024-02-01

213
papers

13,398
citations

36303

51
h-index

24982

109
g-index

220
all docs

220
docs citations

220
times ranked

16001
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of the Hearing In Noise Test for the measurement of speech reception thresholds in quiet and in noise. <i>Journal of the Acoustical Society of America</i> , 1994, 95, 1085-1099.	1.1	1,705
2	Astrocyte activation and reactive gliosis. <i>Glia</i> , 2005, 50, 427-434.	4.9	1,384
3	Enriched environment increases neurogenesis in the adult rat dentate gyrus and improves spatial memory. <i>Journal of Neurobiology</i> , 1999, 39, 569-578.	3.6	705
4	Physical Activity for Cognitive and Mental Health in Youth: A Systematic Review of Mechanisms. <i>Pediatrics</i> , 2016, 138, .	2.1	702
5	Smart Cities and the Future Internet: Towards Cooperation Frameworks for Open Innovation. <i>Lecture Notes in Computer Science</i> , 2011, , 431-446.	1.3	649
6	Protective Role of Reactive Astrocytes in Brain Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 468-481.	4.3	441
7	Insulin-like growth factor-I and neurogenesis in the adult mammalian brain. <i>Developmental Brain Research</i> , 2002, 134, 115-122.	1.7	280
8	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, 20906-20911.	7.1	272
9	Acute and Chronic Stress-Induced Disturbances of Microglial Plasticity, Phenotype and Function. <i>Current Drug Targets</i> , 2013, 14, 1262-1276.	2.1	248
10	Modulation of Neural Plasticity as a Basis for Stroke Rehabilitation. <i>Stroke</i> , 2012, 43, 2819-2828.	2.0	220
11	Cyclophilin A participates in the nuclear translocation of apoptosis-inducing factor in neurons after cerebral hypoxia-ischemia. <i>Journal of Experimental Medicine</i> , 2007, 204, 1741-1748.	8.5	197
12	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.	4.1	193
13	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, 255-262.	1.8	163
14	Astrocytes and Stroke: Networking for Survival?. <i>Neurochemical Research</i> , 2003, 28, 293-305.	3.3	155
15	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.	7.7	151
16	Astroglia and glutamate in physiology and pathology: aspects on glutamate transport, glutamate-induced cell swelling and gap-junction communication. <i>Neurochemistry International</i> , 2000, 37, 317-329.	3.8	129
17	GABA induces Ca ²⁺ transients in astrocytes. <i>Neuroscience</i> , 1993, 54, 605-614.	2.3	126
18	The Impact of Physical Activity on Brain Structure and Function in Youth: A Systematic Review. <i>Pediatrics</i> , 2019, 144, .	2.1	112

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19	Neurotoxicity of cysteine: interaction with glutamate. <i>Brain Research</i> , 1995, 705, 65-70.	2.2	107
20	An Enriched Environment Improves Sensorimotor Function Post-Ischemic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2010, 24, 802-813.	2.9	106
21	A Systematic Review and Meta-Analysis of Erythropoietin in Experimental Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 961-968.	4.3	99
22	Cardiovascular and cognitive fitness at age 18 and risk of early-onset dementia. <i>Brain</i> , 2014, 137, 1514-1523.	7.6	97
23	Association of Nrf2-encoding NFE2L2 haplotypes with Parkinson's disease. <i>BMC Medical Genetics</i> , 2010, 11, 36.	2.1	95
24	Peripheral immune cells infiltrate into sites of secondary neurodegeneration after ischemic stroke. <i>Brain, Behavior, and Immunity</i> , 2018, 67, 299-307.	4.1	92
25	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.	1.7	90
26	Activated microglia decrease histone acetylation and Nrf2-inducible anti-oxidant defence in astrocytes: Restoring effects of inhibitors of HDACs, p38 MAPK and GSK3 β . <i>Neurobiology of Disease</i> , 2011, 44, 142-151.	4.4	88
27	Music structure determines heart rate variability of singers. <i>Frontiers in Psychology</i> , 2013, 4, 334.	2.1	88
28	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, 352-359.	2.8	84
29	Highly Selective and Prolonged Depletion of Mitochondrial Glutathione in Astrocytes Markedly Increases Sensitivity to Peroxynitrite. <i>Journal of Neuroscience</i> , 2004, 24, 8019-8028.	3.6	82
30	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.	5.9	82
31	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, 105-110.	4.6	81
32	Serum IGF-I Levels Correlate to Improvement of Functional Outcome after Ischemic Stroke. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1055-E1064.	3.6	77
33	Amino acid and monoamine transport in primary astroglial cultures from defined brain regions. <i>Neurochemical Research</i> , 1985, 10, 1335-1341.	3.3	74
34	Cost-Effectiveness of Spinal Cord Stimulation versus Coronary Artery Bypass Grafting in Patients with Severe Angina Pectoris - Long-Term Results from the ESBY Study. <i>Cardiology</i> , 2003, 99, 20-24.	1.4	72
35	Mitochondrial Glutathione: A Modulator of Brain Cell Death. <i>Journal of Bioenergetics and Biomembranes</i> , 2004, 36, 329-333.	2.3	72
36	Glutathione monoethyl ester provides neuroprotection in a rat model of stroke. <i>Neuroscience Letters</i> , 2004, 354, 163-165.	2.1	71

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37	Long-Term Improvements After Multimodal Rehabilitation in Late Phase After Stroke. <i>Stroke</i> , 2017, 48, 1916-1924.	2.0	71
38	Repeated transient sulforaphane stimulation in astrocytes leads to prolonged Nrf2-mediated gene expression and protection from superoxide-induced damage. <i>Neuropharmacology</i> , 2011, 60, 343-353.	4.1	69
39	An approach to measuring and encouraging research translation and research impact. <i>Health Research Policy and Systems</i> , 2016, 14, 60.	2.8	69
40	Kappa-opioid receptors on astrocytes stimulate l-type Ca ²⁺ channels. <i>Neuroscience</i> , 1993, 54, 401-407.	2.3	67
41	Less Neurogenesis and Inflammation in the Immature than in the Juvenile Brain after Cerebral Hypoxia-Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 785-794.	4.3	67
42	Genetic associations of Nrf2-encoding NFE2L2 variants with Parkinson's disease – a multicenter study. <i>BMC Medical Genetics</i> , 2014, 15, 131.	2.1	67
43	Long-Term Stimulation of Neural Progenitor Cell Migration After Cortical Ischemia in Mice. <i>Stroke</i> , 2011, 42, 3559-3565.	2.0	66
44	Physical, cognitive and social activity levels of stroke patients undergoing rehabilitation within a mixed rehabilitation unit. <i>Clinical Rehabilitation</i> , 2014, 28, 91-101.	2.2	66
45	Extended High-Frequency Bandwidth Improves Speech Reception in the Presence of Spatially Separated Masking Speech. <i>Ear and Hearing</i> , 2015, 36, e214-e224.	2.1	64
46	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.	2.9	64
47	MIDAS (Modafinil in Debilitating Fatigue After Stroke). <i>Stroke</i> , 2017, 48, 1293-1298.	2.0	63
48	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, 1272-1279.	4.3	62
49	Effects of a Curricular Physical Activity Intervention on Children's School Performance, Wellness, and Brain Development. <i>Journal of School Health</i> , 2015, 85, 704-713.	1.6	61
50	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, 473-480.	1.6	58
51	Fluorocitrate-mediated astroglial dysfunction causes seizures. <i>Journal of Neuroscience Research</i> , 2003, 74, 160-166.	2.9	57
52	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.	4.3	52
53	Head and Neck Injuries in Professional Soccer. <i>Clinical Journal of Sport Medicine</i> , 2013, 23, 255-260.	1.8	51
54	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.	4.1	51

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55	Adrenergic and 5-HT ₂ receptors on the same astroglial cell. A microspectrofluorimetric study on cytosolic Ca ²⁺ responses in single cells in primary culture. <i>Developmental Brain Research</i> , 1991, 63, 33-41.	1.7	50
56	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, 521-526.	5.9	49
57	Enhanced Glutathione Efflux from Astrocytes in Culture by Low Extracellular Ca ²⁺ and Curcumin. <i>Neurochemical Research</i> , 2010, 35, 1231-1238.	3.3	46
58	Influence of Cardiovascular Fitness and Muscle Strength in Early Adulthood on Long-Term Risk of Stroke in Swedish Men. <i>Stroke</i> , 2015, 46, 1769-1776.	2.0	46
59	Photothrombosis-Induced Infarction of the Mouse Cerebral Cortex Is Not Affected by the Nrf2-Activator Sulforaphane. <i>PLoS ONE</i> , 2012, 7, e41090.	2.5	46
60	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.	1.0	45
61	Stimulation of 5-HT _{2A} receptors on astrocytes in primary culture opens voltage-independent Ca channels. <i>Neurochemistry International</i> , 1998, 32, 153-162.	3.8	44
62	Sedentary Behaviour and Physical Activity of People with Stroke in Rehabilitation Hospitals. <i>Stroke Research and Treatment</i> , 2014, 2014, 1-7.	0.8	44
63	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.	4.3	44
64	Impaired microglia process dynamics poststroke are specific to sites of secondary neurodegeneration. <i>Glia</i> , 2017, 65, 1885-1899.	4.9	44
65	Growth Hormone Improves Cognitive Function After Experimental Stroke. <i>Stroke</i> , 2018, 49, 1257-1266.	2.0	44
66	Age-Dependent Regenerative Responses in the Striatum and Cortex after Hypoxia-Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 342-354.	4.3	43
67	Gap junction blockage limits intercellular spreading of astrocytic apoptosis induced by metabolic depression. <i>Journal of Neurochemistry</i> , 2005, 94, 1111-1123.	3.9	41
68	Astrocytic Function Assessed from 1- ¹⁴ C-Acetate Metabolism after Temporary Focal Cerebral Ischemia in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 440-450.	4.3	41
69	Reactive astrogliosis induces astrocytic differentiation of adult neural stem/progenitor cells in vitro. <i>Journal of Neuroscience Research</i> , 2006, 84, 1415-1424.	2.9	41
70	±1-Adrenergic Modulation of Metabotropic Glutamate Receptor-induced Calcium Oscillations and Glutamate Release in Astrocytes. <i>Journal of Biological Chemistry</i> , 2001, 276, 46504-46514.	3.4	40
71	Mitochondrial glutathione protects against cell death induced by oxidative and nitrative stress in astrocytes. <i>Journal of Neurochemistry</i> , 2007, 102, 1369-1382.	3.9	40
72	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.	4.3	40

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73	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, 785-799.	4.9	39
74	Volume regulation of single astroglial cells in primary culture. <i>Neuroscience Letters</i> , 1992, 143, 195-199.	2.1	38
75	Glutathione monoethylester prevents mitochondrial glutathione depletion during focal cerebral ischemia. <i>Neurochemistry International</i> , 2004, 44, 153-159.	3.8	38
76	Regulation of the glial glutamate transporter GLT-1 by glutamate and μ -opioid receptor stimulation. <i>FEBS Letters</i> , 1998, 425, 453-459.	2.8	37
77	X-chromosome-linked inhibitor of apoptosis protein reduces oxidative stress after cerebral irradiation or hypoxia-ischemia through up-regulation of mitochondrial antioxidants. <i>European Journal of Neuroscience</i> , 2007, 26, 3402-3410.	2.6	37
78	Time-efficient intervention to improve older adolescents' cardiorespiratory fitness: findings from the "Burn 2 Learn" cluster randomised controlled trial. <i>British Journal of Sports Medicine</i> , 2021, 55, 751-758.	6.7	37
79	Enriched environment and astrocytes in central nervous system regeneration. <i>Acta Dermato-Venereologica</i> , 2007, 39, 345-352.	1.3	36
80	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	36
81	The metabolism of ¹⁴ C-glucose by neurons and astrocytes in brain subregions following focal cerebral ischemia in rats. <i>Journal of Neurochemistry</i> , 2006, 97, 968-978.	3.9	35
82	Cell swelling precedes seizures induced by inhibition of astrocytic metabolism. <i>Epilepsy Research</i> , 2008, 80, 132-141.	1.6	35
83	Losses of NG2 and NeuN immunoreactivity but not astrocytic markers during early reperfusion following severe focal cerebral ischemia. <i>Brain Research</i> , 2003, 989, 221-230.	2.2	34
84	Executive function and attention in patients with stress-related exhaustion: perceived fatigue and effect of distraction. <i>Stress</i> , 2017, 20, 333-340.	1.8	34
85	Interactions between valproate, glutamate, aspartate, and GABA with respect to uptake in astroglial primary cultures. <i>Neurochemical Research</i> , 1992, 17, 327-332.	3.3	33
86	Association of NFE2L2 and KEAP1 haplotypes with amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2014, 15, 130-137.	1.7	33
87	A mapping study on physical activity in stroke rehabilitation: Establishing the baseline. <i>Journal of Rehabilitation Medicine</i> , 2013, 45, 997-1003.	1.1	32
88	Photothrombotic Stroke Induces Persistent Ipsilateral and Contralateral Astrogliosis in Key Cognitive Control Nuclei. <i>Neurochemical Research</i> , 2015, 40, 362-371.	3.3	31
89	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.	4.3	31
90	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.	0.4	31

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91	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, 629-640.	2.3	30
92	“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, 10-15.	5.9	29
93	Cardiovascular fitness and later risk of epilepsy. <i>Neurology</i> , 2013, 81, 1051-1057.	1.1	29
94	Pituitary Function and Functional Outcome in Adults after Severe Traumatic Brain Injury: The Long-Term Perspective. <i>Journal of Neurotrauma</i> , 2013, 30, 271-280.	3.4	28
95	Finding the Intersection of Neuroplasticity, Stroke Recovery, and Learning: Scope and Contributions to Stroke Rehabilitation. <i>Neural Plasticity</i> , 2019, 2019, 1-15.	2.2	28
96	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.	2.4	28
97	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.	2.1	27
98	Agonist-evoked Ca ²⁺ transients in primary astroglial cultures-modulatory effects of valproic acid. <i>Glia</i> , 1992, 5, 201-209.	4.9	26
99	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, 2441-2449.	2.9	26
100	Preliminary Evaluation of a Light-Based Contact Hearing Device for the Hearing Impaired. <i>Otology and Neurotology</i> , 2013, 34, 912-921.	1.3	26
101	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.	2.5	26
102	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, 1944-1950.	4.3	26
103	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.	4.3	26
104	Heterogeneity among astroglial cells with respect to 5HT-evoked cytosolic Ca ²⁺ responses. A microspectrofluorimetric study on single cells in primary culture. <i>Life Sciences</i> , 1991, 49, 1339-1350.	4.3	24
105	Modulation of mechanically induced calcium waves in hippocampal astroglial cells. Inhibitory effects of β -adrenergic stimulation. <i>Brain Research</i> , 1998, 793, 127-135.	2.2	24
106	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.	1.8	24
107	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, 606.	4.1	24
108	Altering the rehabilitation environment to improve stroke survivor activity: A Phase II trial. <i>International Journal of Stroke</i> , 2022, 17, 299-307.	5.9	24

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109	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.	4.1	23
110	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.	4.1	23
111	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.	2.9	23
112	Low oxygen post conditioning prevents thalamic secondary neuronal loss caused by excitotoxicity after cortical stroke. <i>Scientific Reports</i> , 2019, 9, 4841.	3.3	22
113	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.	1.3	22
114	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.	4.1	21
115	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.	1.8	21
116	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.	4.3	21
117	Genetic variation at the IGF1 locus shows association with post-stroke outcome and to circulating IGF1. <i>European Journal of Endocrinology</i> , 2013, 169, 759-765.	3.7	20
118	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.	2.8	20
119	The effect of the prone sleeping position on obstructive sleep apnoea. <i>Acta Oto-Laryngologica</i> , 2015, 135, 79-84.	0.9	19
120	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.	1.9	19
121	Activation of \hat{I}^2 -adrenoceptors opens calcium-activated potassium channels in astroglial cells. <i>Neurochemistry International</i> , 2001, 38, 269-276.	3.8	18
122	Reloading the retina by modifying the glial matrix. <i>Trends in Neurosciences</i> , 2004, 27, 241-242.	8.6	18
123	Dual TNF \hat{I}^2 -Induced Effects on NRF2 Mediated Antioxidant Defence in Astrocyte-Rich Cultures: Role of Protein Kinase Activation. <i>Neurochemical Research</i> , 2012, 37, 2842-2855.	3.3	18
124	Association of Cortical Vein Filling with Clot Location and Clinical Outcomes in Acute Ischaemic Stroke Patients. <i>Scientific Reports</i> , 2016, 6, 38525.	3.3	18
125	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.	4.1	18
126	Transport of valproate and its effects on GABA uptake in astroglial primary culture. <i>Neurochemical Research</i> , 1990, 15, 763-767.	3.3	16

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127	Ca ²⁺ Ion Permeability Properties of (R,S)-Amino-3-hydroxy-5-methyl-4-isoxazolepropionate (AMPA) Receptors in Isolated Interneurons From the Olfactory Bulb of the Rat. <i>Journal of Neurophysiology</i> , 1997, 77, 702-708.	1.8	16
128	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, 1857-1866.	3.3	16
129	Age-dependent Disturbances of Neuronal and Glial Protein Expression Profiles in Areas of Secondary Neurodegeneration Post-stroke. <i>Neuroscience</i> , 2018, 393, 185-195.	2.3	16
130	Cognitive medicine – a new approach in health care science. <i>BMC Psychiatry</i> , 2018, 18, 42.	2.6	15
131	What Is the Dose-Response Relationship Between Exercise and Cardiorespiratory Fitness After Stroke? A Systematic Review. <i>Physical Therapy</i> , 2019, 99, 821-832.	2.4	15
132	Growth Hormone Treatment Promotes Remote Hippocampal Plasticity after Experimental Cortical Stroke. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4563.	4.1	15
133	Effect of high-intensity interval training on hippocampal metabolism in older adolescents. <i>Psychophysiology</i> , 2022, 59, .	2.4	15
134	Chronic elevation of cAMP levels induces changes in the adenylate cyclase system, opiate receptor sensitivity and levels of Gs-mRNA in cultured neurons. <i>Neuroscience Letters</i> , 1992, 135, 28-32.	2.1	14
135	Targeting Stroke Treatment to the Individual. <i>International Journal of Stroke</i> , 2012, 7, 480-481.	5.9	14
136	Mattress and pillow for prone positioning for treatment of obstructive sleep apnoea. <i>Acta Oto-Laryngologica</i> , 2015, 135, 271-276.	0.9	14
137	Oral administration of corticosterone at stress-like levels drives microglial but not vascular disturbances post-stroke. <i>Neuroscience</i> , 2017, 352, 30-38.	2.3	14
138	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.	2.5	14
139	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.	1.8	14
140	Development of a Test Environment to Evaluate Performance of Modern Hearing Aid Features. <i>Journal of the American Academy of Audiology</i> , 2005, 16, 027-041.	0.7	13
141	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.	4.1	13
142	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> , 2022, 44, 337-352.	1.8	13
143	Adrenoceptor-induced changes of intracellular K ⁺ and Ca ²⁺ in astrocytes and neurons in rat cortical primary cultures. <i>Neuroscience Letters</i> , 1997, 238, 33-36.	2.1	12
144	Sick leave after traumatic brain injury The person or the diagnosis - Which has greater impact?. <i>Scandinavian Journal of Public Health</i> , 2010, 38, 541-547.	2.3	12

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145	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.	0.8	12
146	A qualitative exploration of post-acute stroke participants's experiences of a multimodal intervention incorporating horseback riding. <i>PLoS ONE</i> , 2018, 13, e0203933.	2.5	12
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