

James C Vickers

List of Publications by Year in descending order

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Version: 2024-02-01

197
papers

7,291
citations

43973

48
h-index

79541

73
g-index

205
all docs

205
docs citations

205
times ranked

9021
citing authors

#	ARTICLE	IF	CITATIONS
1	Invasive experimental brain surgery for dementia: Ethical shifts in clinical research practices?. <i>Bioethics</i> , 2022, 36, 25-41.	0.7	2
2	Consumer Access, Appraisal, and Application of Services and Information for Dementia (CAAASI-Dem): a validation study. <i>Aging and Mental Health</i> , 2022, 26, 2489-2495.	1.5	0
3	Cortical axon sub-population maintains density, but not turnover, of en passant boutons in the aged APP/PS1 amyloidosis model. <i>Neurobiology of Aging</i> , 2022, 115, 29-38.	1.5	0
4	Island Study Linking Aging and Neurodegenerative Disease (ISLAND) Targeting Dementia Risk Reduction: Protocol for a Prospective Web-Based Cohort Study. <i>JMIR Research Protocols</i> , 2022, 11, e34688.	0.5	13
5	Educating the masses to address a global public health priority: The Preventing Dementia Massive Open Online Course (MOOC). <i>PLoS ONE</i> , 2022, 17, e0267205.	1.1	12
6	The TAS Test project: a prospective longitudinal validation of new online motor-cognitive tests to detect preclinical Alzheimer's disease and estimate 5-year risks of cognitive decline and dementia. <i>BMC Neurology</i> , 2022, 22, .	0.8	8
7	Regional differences in beta amyloid plaque deposition and variable response to midlife environmental enrichment in the cortex of APP/PS1 mice. <i>Journal of Comparative Neurology</i> , 2021, 529, 1849-1862.	0.9	4
8	Change in modifiable dementia risk factors during COVID-19 lockdown: The experience of over 50s in Tasmania, Australia. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021, 7, e12169.	1.8	12
9	Studying at university in later life slows cognitive decline: A long-term prospective study. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021, 7, e12207.	1.8	2
10	TDP-43 mislocalization drives neurofilament changes in a novel model of TDP-43 proteinopathy. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	8
11	Single cell eQTL analysis identifies cell type-specific genetic control of gene expression in fibroblasts and reprogrammed induced pluripotent stem cells. <i>Genome Biology</i> , 2021, 22, 76.	3.8	58
12	Enhanced Anti-Amyloid Effect of Combined Leptin and Pioglitazone in APP/PS1 Transgenic Mice. <i>Current Alzheimer Research</i> , 2021, 17, 1294-1301.	0.7	6
13	Coherence and cognition in the cortex: the fundamental role of parvalbumin, myelin, and the perineuronal net. <i>Brain Structure and Function</i> , 2021, 226, 2041-2055.	1.2	11
14	Interactive effects of the APOE and BDNF polymorphisms on functional brain connectivity: the Tasmanian Healthy Brain Project. <i>Scientific Reports</i> , 2021, 11, 14514.	1.6	5
15	Effects of TDP-43 overexpression on neuron proteome and morphology in vitro. <i>Molecular and Cellular Neurosciences</i> , 2021, 114, 103627.	1.0	1
16	Association Between Components of Cognitive Reserve and Serum BDNF in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 725914.	1.7	9
17	The potential roles of genetic factors in predicting ageing-related cognitive change and Alzheimer's disease. <i>Ageing Research Reviews</i> , 2021, 70, 101402.	5.0	9
18	Automated Analysis of Propositional Idea Density in Older Adults. <i>Cortex</i> , 2021, 145, 264-272.	1.1	1

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19	Early Implementation and Evaluation of StepUp for Dementia Research: An Australia-Wide Dementia Research Participation and Public Engagement Platform. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11353.	1.2	13
20	Image-Based Quantitation of Kainic Acid-Induced Excitotoxicity as a Model of Neurodegeneration in Human iPSC-Derived Neurons. <i>Methods in Molecular Biology</i> , 2021, , 1.	0.4	3
21	CRISPR/Cas-Mediated Knock-in of Genetically Encoded Fluorescent Biosensors into the AAVS1 Locus of Human-Induced Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2021, , 1.	0.4	3
22	TasTest: Moving towards a digital screening test for pre-clinical Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	4
23	Genetic interaction of APOE and BDNF is associated with changes in cognitive function over 36 months in older adults.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e053784.	0.4	0
24	Microtubule-dependent processes precede pathological calcium influx in excitotoxin-induced axon degeneration. <i>Journal of Neurochemistry</i> , 2020, 152, 542-555.	2.1	8
25	The associations between dual-task walking under three different interference conditions and cognitive function. <i>Gait and Posture</i> , 2020, 82, 174-180.	0.6	9
26	Measuring consumer access, appraisal and application of services and information for dementia (CAAASI-Dem): a key component of dementia literacy. <i>BMC Geriatrics</i> , 2020, 20, 484.	1.1	2
27	The role of Alzheimer's disease polygenic risk scores in changes of cognitive function in older adults: A longitudinal cohort study. <i>Alzheimer's and Dementia</i> , 2020, 16, e037853.	0.4	0
28	Genetic (APOE , BDNF) influences on functional language network connectivity in healthy older adults. <i>Alzheimer's and Dementia</i> , 2020, 16, e041355.	0.4	0
29	Exploring uptake of a university-level educational intervention to prevent cognitive decline and reduce dementia risk: The Tasmanian Healthy Brain Project. <i>Alzheimer's and Dementia</i> , 2020, 16, e045477.	0.4	1
30	The Island Study Linking Ageing and Neurodegenerative Disease (ISLAND): A longitudinal public health research program targeting dementia risk reduction. <i>Alzheimer's and Dementia</i> , 2020, 16, e045539.	0.4	0
31	The BDNF Val66Met Polymorphism Modulates Resilience of Neurological Functioning to Brain Ageing and Dementia: A Narrative Review. <i>Brain Sciences</i> , 2020, 10, 195.	1.1	27
32	Pathological Links between Traumatic Brain Injury and Dementia: Australian Pre-Clinical Research. <i>Journal of Neurotrauma</i> , 2020, 37, 782-791.	1.7	4
33	Environmental enrichment as a preventative and therapeutic approach to Alzheimer's disease. , 2020, , 681-693.		2
34	Iron is increased in the brains of ageing mice lacking the neurofilament light gene. <i>PLoS ONE</i> , 2019, 14, e0224169.	1.1	1
35	PSEN1 ^{E9} , APP ^{swe} , and APOE4 Confer Disparate Phenotypes in Human iPSC-Derived Microglia. <i>Stem Cell Reports</i> , 2019, 13, 669-683.	2.3	132
36	Late-life environmental enrichment preserves short-term memory and may attenuate microglia in male APP/PS1 mice. <i>Neuroscience</i> , 2019, 408, 282-292.	1.1	17

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37	Building dementia knowledge globally through the Understanding Dementia Massive Open Online Course (MOOC). <i>Npj Science of Learning</i> , 2019, 4, 3.	1.5	41
38	The Influence of Genetic Factors and Cognitive Reserve on Structural and Functional Resting-State Brain Networks in Aging and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 30.	1.7	33
39	Enhancing early detection of cognitive impairment in the criminal justice system: feasibility of a proposed method. <i>Current Issues in Criminal Justice</i> , 2019, 31, 60-74.	0.8	3
40	ASSOCIATIONS OF LATER-LIFE EDUCATION, THE BDNF VAL66MET POLYMORPHISM AND COGNITIVE CHANGE IN OLDER ADULTS. <i>Journal of Prevention of Alzheimer's Disease</i> , The, 2019, 7, 1-6.	1.5	3
41	Age Moderates the Effects of Traumatic Brain Injury on Beta-Amyloid Plaque Load in APP/PS1 Mice. <i>Journal of Neurotrauma</i> , 2019, 36, 1876-1889.	1.7	11
42	Communication training and its effects on carer and care receiver outcomes in dementia settings: A systematic review. <i>Journal of Clinical Nursing</i> , 2019, 28, 1050-1069.	1.4	37
43	Validation of a Dynamic Measure of Current Cognitive Reserve in a Longitudinally Assessed Sample of Healthy Older Adults: The Tasmanian Healthy Brain Project. <i>Assessment</i> , 2019, 26, 737-742.	1.9	3
44	Accurate and Unbiased Quantitation of Amyloid- β^2 Fluorescence Images Using ImageSURF. <i>Current Alzheimer Research</i> , 2019, 16, 102-108.	0.7	7
45	How is palliative care understood in the context of dementia? Results from a massive open online course. <i>Palliative Medicine</i> , 2018, 32, 594-602.	1.3	52
46	The BDNF Val66Met polymorphism moderates the relationship between Posttraumatic Stress Disorder and fear extinction learning. <i>Psychoneuroendocrinology</i> , 2018, 91, 142-148.	1.3	38
47	Disruption of leptin signalling in a mouse model of Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2018, 33, 1097-1110.	1.4	20
48	Further education improves cognitive reserve and triggers improvement in selective cognitive functions in older adults: The Tasmanian Healthy Brain Project. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 22-30.	1.2	57
49	O1: IMPROVING KNOWLEDGE AND PRACTICE THROUGH MASSIVE OPEN ONLINE DEMENTIA EDUCATION: THE UNDERSTANDING DEMENTIA AND PREVENTING DEMENTIA MOOCS. <i>Alzheimer's and Dementia</i> , 2018, 14, P233.	0.4	7
50	O4: THE BDNF VAL66MET POLYMORPHISM INFLUENCES THE COGNITIVE BENEFITS OF AN EDUCATION INTERVENTION IN OLDER ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1414.	0.4	0
51	The HDAC6 Inhibitor Trichostatin A Acetylates Microtubules and Protects Axons From Excitotoxin-Induced Degeneration in a Compartmented Culture Model. <i>Frontiers in Neuroscience</i> , 2018, 12, 872.	1.4	12
52	P3: TRANSFORMING KNOWLEDGE OF DEMENTIA THROUGH THE UNDERSTANDING OF DEMENTIA MASSIVE OPEN ONLINE COURSE (UDMOOC). <i>Alzheimer's and Dementia</i> , 2018, 14, P1325.	0.4	0
53	Single-Cell Profiling Identifies Key Pathways Expressed by iPSCs Cultured in Different Commercial Media. <i>IScience</i> , 2018, 7, 30-39.	1.9	28
54	Combination treatment with leptin and pioglitazone in a mouse model of Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 92-106.	1.8	35

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55	Variations in the APOE allele or BDNF Val66Met polymorphism are not associated with changes in cognitive function following a tertiary education intervention in older adults: the Tasmanian Healthy Brain Project. <i>Neurobiology of Aging</i> , 2017, 55, 175-176.	1.5	7
56	The <i>BDNF</i> Val66Met polymorphism moderates the effect of cognitive reserve on 36-month cognitive change in healthy older adults. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 323-331.	1.8	15
57	Currents of memory: recent progress, translational challenges, and ethical considerations in fornix deep brain stimulation trials for Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 56, 202-210.	1.5	29
58	Mid-life environmental enrichment increases synaptic density in CA1 in a mouse model of A β -associated pathology and positively influences synaptic and cognitive health in healthy ageing. <i>Journal of Comparative Neurology</i> , 2017, 525, 1797-1810.	0.9	32
59	Environmental novelty exacerbates stress hormones and A β pathology in an Alzheimer's model. <i>Scientific Reports</i> , 2017, 7, 2764.	1.6	17
60	The impact after 50 years of a new medical education programme with a regional workforce mission. <i>Australian Journal of Rural Health</i> , 2017, 25, 332-337.	0.7	1
61	Age is no barrier: predictors of academic success in older learners. <i>Npj Science of Learning</i> , 2017, 2, 13.	1.5	26
62	Association between the serotonin transporter gene polymorphism and verbal learning in older adults is moderated by gender. <i>Translational Psychiatry</i> , 2017, 7, e1144-e1144.	2.4	2
63	ImageSURF: An ImageJ Plugin for Batch Pixel-Based Image Segmentation Using Random Forests. <i>Journal of Open Research Software</i> , 2017, 5, 31.	2.7	14
64	Defining the earliest pathological changes of Alzheimer's disease. <i>Current Alzheimer Research</i> , 2016, 13, 281-287.	0.7	75
65	Counting the cost of dementia-related hospital admissions: A regional investigation. <i>Australasian Journal on Ageing</i> , 2016, 35, E32-E35.	0.4	10
66	An Interactive Multimedia Approach to Improving Informed Consent for Induced Pluripotent Stem Cell Research. <i>Cell Stem Cell</i> , 2016, 18, 307-308.	5.2	37
67	Amyloid β accumulation and inner retinal degenerative changes in Alzheimer's disease transgenic mouse. <i>Neuroscience Letters</i> , 2016, 623, 52-56.	1.0	108
68	Alterations in neurofilaments and the transformation of the cytoskeleton in axons may provide insight into the aberrant neuronal changes of Alzheimer's disease. <i>Brain Research Bulletin</i> , 2016, 126, 324-333.	1.4	16
69	Neurofilament-labeled pyramidal neurons and astrocytes are deficient in DNA methylation marks in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 45, 30-42.	1.5	40
70	Exploring the effect of the apolipoprotein E (APOE) gene on executive function, working memory, and processing speed during the early recovery period following traumatic brain injury. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2016, 38, 551-560.	0.8	14
71	Excitotoxicity in ALS: Overstimulation, or overreaction?. <i>Experimental Neurology</i> , 2016, 275, 162-171.	2.0	124
72	Does the Cambridge Automated Neuropsychological Test Battery (CANTAB) Distinguish Between Cognitive Domains in Healthy Older Adults?. <i>Assessment</i> , 2016, 23, 163-172.	1.9	51

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73	Sending your grandparents to university increases cognitive reserve: The Tasmanian Healthy Brain Project.. <i>Neuropsychology</i> , 2016, 30, 525-531.	1.0	36
74	Making Neuroscience Important and Relevant: Online Learning in an Innovative Bachelor of Dementia Care Program. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 84-91.	0.2	0
75	C9ORF72 expression and cellular localization over mouse development. <i>Acta Neuropathologica Communications</i> , 2015, 3, 59.	2.4	27
76	Connectivity of Pathology: The Olfactory System as a Model for Network-Driven Mechanisms of Alzheimer's Disease Pathogenesis. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 234.	1.7	37
77	Changes in TDP-43 expression in development, aging, and in the neurofilament light protein knockout mouse. <i>Neurobiology of Aging</i> , 2015, 36, 1151-1159.	1.5	16
78	The effect of focal brain injury on beta-amyloid plaque deposition, inflammation and synapses in the APP/PS1 mouse model of Alzheimer's disease. <i>Experimental Neurology</i> , 2015, 267, 219-229.	2.0	38
79	The degree of astrocyte activation in multiple system atrophy is inversely proportional to the distance to I \pm -synuclein inclusions. <i>Molecular and Cellular Neurosciences</i> , 2015, 65, 68-81.	1.0	52
80	Relationship between participants' level of education and engagement in their completion of the Understanding Dementia Massive Open Online Course. <i>BMC Medical Education</i> , 2015, 15, 60.	1.0	87
81	The BDNF Val66Met polymorphism moderates the relationship between cognitive reserve and executive function. <i>Translational Psychiatry</i> , 2015, 5, e590-e590.	2.4	26
82	Neurofilament light gene deletion exacerbates amyloid, dystrophic neurite, and synaptic pathology in the APP/PS1 transgenic model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 2757-2767.	1.5	34
83	Modeling cognitive reserve in healthy middle-aged and older adults: the Tasmanian Healthy Brain Project. <i>International Psychogeriatrics</i> , 2015, 27, 579-589.	0.6	25
84	Relationship between education and age-related cognitive decline: a review of recent research. <i>Psychogeriatrics</i> , 2015, 15, 154-162.	0.6	163
85	Diffuse axonal injury in brain trauma: insights from alterations in neurofilaments. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 429.	1.8	101
86	Delayed plastic responses to anodal tDCS in older adults. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 115.	1.7	104
87	KIBRA gene polymorphism has no association with verbal or visual episodic memory performance. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 270.	1.7	10
88	APOE and BDNF Val66Met polymorphisms combine to influence episodic memory function in older adults. <i>Behavioural Brain Research</i> , 2014, 271, 309-315.	1.2	50
89	Targeted MOOC captivates students. <i>Nature</i> , 2014, 505, 26-26.	13.7	35
90	Reducing false positive diagnoses in mild cognitive impairment: the importance of comprehensive neuropsychological assessment. <i>European Journal of Neurology</i> , 2014, 21, 1330.	1.7	55

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91	BDNF and COMT polymorphisms have a limited association with episodic memory performance or engagement in complex cognitive activity in healthy older adults. <i>Neurobiology of Learning and Memory</i> , 2014, 110, 1-7.	1.0	14
92	'Fit for Purpose': a cohort-centric approach to MOOC design. <i>RUSC Universities and Knowledge Society Journal</i> , 2014, 11, 108.	1.4	11
93	Excitotoxicity and Axon Degeneration. , 2014, , 1223-1245.		0
94	Cytoskeletal changes during development and aging in the cortex of neurofilament light protein knockout mice. <i>Journal of Comparative Neurology</i> , 2013, 521, 1817-1827.	0.9	15
95	Altered synapses and gliotransmission in Alzheimer's disease and AD model mice. <i>Neurobiology of Aging</i> , 2013, 34, 2341-2351.	1.5	123
96	Cortical Murine Neurons Lacking the Neurofilament Light Chain Protein Have an Attenuated Response to Injury <i>In Vitro</i> . <i>Journal of Neurotrauma</i> , 2013, 30, 1908-1918.	1.7	11
97	The Tasmanian Healthy Brain Project (THBP): a prospective longitudinal examination of the effect of university-level education in older adults in preventing age-related cognitive decline and reducing the risk of dementia. <i>International Psychogeriatrics</i> , 2013, 25, 1145-1155.	0.6	29
98	Neurites containing the neurofilament-triplet proteins are selectively vulnerable to cytoskeletal pathology in Alzheimer's disease and transgenic mouse models. <i>Frontiers in Neuroanatomy</i> , 2013, 7, 30.	0.9	25
99	Denervation of the Olfactory Bulb Leads to Decreased A β Plaque Load in a Transgenic Mouse Model of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2013, 10, 688-696.	0.7	6
100	Chronic Excitotoxin-Induced Axon Degeneration in a Compartmented Neuronal Culture Model. <i>ASN Neuro</i> , 2012, 4, AN20110031.	1.5	52
101	Degeneration of axons in spinal white matter in G93A mSOD1 mouse characterized by NFL and alpha-internexin immunoreactivity. <i>Brain Research</i> , 2012, 1465, 90-100.	1.1	16
102	Transcriptional insights on the regenerative mechanics of axotomized neurons <i>in vitro</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 789-811.	1.6	8
103	Neuron-glia interactions underlie ALS-like axonal cytoskeletal pathology. <i>Neurobiology of Aging</i> , 2011, 32, 459-469.	1.5	32
104	Hospital Coding of Dementia: Is it Accurate?. <i>Health Information Management Journal</i> , 2011, 40, 5-11.	0.9	19
105	Association of Metallothionein-III with Oligodendroglial Cytoplasmic Inclusions in Multiple System Atrophy. <i>Neurotoxicity Research</i> , 2011, 19, 115-122.	1.3	21
106	Mixed Methods Data Collection in Dementia Research. <i>Journal of Mixed Methods Research</i> , 2011, 5, 330-344.	1.8	10
107	Focal Damage to the Adult Rat Neocortex Induces Wound Healing Accompanied by Axonal Sprouting and Dendritic Structural Plasticity. <i>Cerebral Cortex</i> , 2011, 21, 281-291.	1.6	36
108	Selective Vulnerability of Non-Myelinated Axons to Stretch Injury in an <i>In Vitro</i> Co-Culture System. <i>Journal of Neurotrauma</i> , 2011, 28, 841-847.	1.7	43

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109	Characterization of Cortical Neuronal and Glial Alterations during Culture of Organotypic Whole Brain Slices from Neonatal and Mature Mice. PLoS ONE, 2011, 6, e22040.	1.1	45
110	Focal demyelination in Alzheimer's disease and transgenic mouse models. Acta Neuropathologica, 2010, 119, 567-577.	3.9	155
111	Measuring dementia carers' unmet need for services - an exploratory mixed method study. BMC Health Services Research, 2010, 10, 122.	0.9	83
112	Initial calcium release from intracellular stores followed by calcium dysregulation is linked to secondary axotomy following transient axonal stretch injury. Journal of Neurochemistry, 2010, 112, 1147-1155.	2.1	92
113	The Native Copper- and Zinc- Binding Protein Metallothionein Blocks Copper-Mediated A β 2 Aggregation and Toxicity in Rat Cortical Neurons. PLoS ONE, 2010, 5, e12030.	1.1	58
114	Disruption of the Ubiquitin Proteasome System following Axonal Stretch Injury Accelerates Progression to Secondary Axotomy. Journal of Neurotrauma, 2009, 26, 781-788.	1.7	20
115	Axonal shearing in mature cortical neurons induces attempted regeneration and the reestablishment of neurite polarity. Brain Research, 2009, 1300, 24-36.	1.1	3
116	Cytoskeletal alterations differentiate presenilin-1 and sporadic Alzheimer's disease. Acta Neuropathologica, 2009, 117, 19-29.	3.9	26
117	Information issues for providers of services to people with dementia living in the community in Australia: breaking the cycle of frustration. Health and Social Care in the Community, 2009, 17, 141-150.	0.7	16
118	Axonopathy and cytoskeletal disruption in degenerative diseases of the central nervous system. Brain Research Bulletin, 2009, 80, 217-223.	1.4	62
119	Dystrophic neurites in TgCRND8 and Tg2576 mice mimic human pathological brain aging. Neurobiology of Aging, 2009, 30, 864-874.	1.5	41
120	Multiple views reveal the complexity of dementia diagnosis. Australasian Journal on Ageing, 2008, 27, 183-188.	0.4	16
121	Redefining the Role of Metallothionein within the Injured Brain. Journal of Biological Chemistry, 2008, 283, 15349-15358.	1.6	130
122	Acute reactive and regenerative changes in mature cortical axons following injury. NeuroReport, 2007, 18, 283-288.	0.6	23
123	Vaccination Strategies for Alzheimer's Disease. Drugs and Aging, 2007, 24, 107-119.	1.3	20
124	Cyclosporin A treatment attenuates delayed cytoskeletal alterations and secondary axotomy following mild axonal stretch injury. Developmental Neurobiology, 2007, 67, 1831-1842.	1.5	38
125	Identification and characterization of a population of motile neurons in long-term cortical culture. Cytoskeleton, 2007, 64, 274-287.	4.4	3
126	Rho kinase activates ezrin-radixin-moesin (ERM) proteins and mediates their function in cortical neuron growth, morphology and motility in vitro. Journal of Neuroscience Research, 2007, 85, 34-46.	1.3	54

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127	Cellular dynamics underlying regeneration of damaged axons differs from initial axon development. <i>European Journal of Neuroscience</i> , 2007, 26, 1100-1108.	1.2	23
128	Excitotoxicity mediated by non-NMDA receptors causes distal axonopathy in long-term cultured spinal motor neurons. <i>European Journal of Neuroscience</i> , 2007, 26, 2151-2159.	1.2	31
129	Metallothionein expression by NG2 glial cells following CNS injury. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 2716-2722.	2.4	11
130	Alpha-synuclein is upregulated in neurones in response to chronic oxidative stress and is associated with neuroprotection. <i>Experimental Neurology</i> , 2006, 199, 249-256.	2.0	86
131	Cytoplasmic cytochrome c immunolabelling in dystrophic neurites in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2006, 112, 429-437.	3.9	11
132	No difference in expression of apoptosis-related proteins and apoptotic morphology in control, pathologically aged and Alzheimer's disease cases. <i>Neurobiology of Disease</i> , 2006, 22, 323-333.	2.1	29
133	Localization of glutamate receptors in developing cortical neurons in culture and relationship to susceptibility to excitotoxicity. <i>Journal of Comparative Neurology</i> , 2006, 498, 277-294.	0.9	47
134	Spinal cord tissue affects ensheathing cell proliferation and apoptosis. <i>NeuroReport</i> , 2005, 16, 737-740.	0.6	16
135	Novel 'inflammatory plaque' pathology in presenilin-1 Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2005, 31, 503-511.	1.8	19
136	Does β -amyloid plaque formation cause structural injury to neuronal processes?. <i>Neurotoxicity Research</i> , 2005, 7, 5-15.	1.3	26
137	Metallothionein biology in the ageing and neurodegenerative brain. <i>Neurotoxicity Research</i> , 2005, 7, 87-93.	1.3	22
138	Mild Axonal Stretch Injury In Vitro Induces a Progressive Series of Neurofilament Alterations Ultimately Leading to Delayed Axotomy. <i>Journal of Neurotrauma</i> , 2005, 22, 1081-1091.	1.7	89
139	β -Internexin immunoreactivity reflects variable neuronal vulnerability in Alzheimer's disease and supports the role of the β -amyloid plaques in inducing neuronal injury. <i>Neurobiology of Disease</i> , 2005, 18, 286-295.	2.1	45
140	Glutamate induces rapid loss of axonal neurofilament proteins from cortical neurons in vitro. <i>Experimental Neurology</i> , 2005, 193, 481-488.	2.0	36
141	Neuron-glia communication: metallothionein expression is specifically upregulated by astrocytes in response to neuronal injury. <i>Journal of Neurochemistry</i> , 2004, 88, 454-461.	2.1	59
142	Protective Role of Metallothioneins in the Injured Mammalian Brain. <i>Reviews in the Neurosciences</i> , 2004, 15, 157-66.	1.4	36
143	Binding partners L1 cell adhesion molecule and the ezrin-radixin-moesin (ERM) proteins are involved in development and the regenerative response to injury of hippocampal and cortical neurons. <i>European Journal of Neuroscience</i> , 2004, 20, 1436-1444.	1.2	27
144	Annular alpha-synuclein species from purified multiple system atrophy inclusions. <i>Journal of Neurochemistry</i> , 2004, 90, 502-512.	2.1	70

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145	Olfactory ensheathing cells promote neurite sprouting of injured axons in vitro by direct cellular contact and secretion of soluble factors. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 1238-1245.	2.4	90
146	Olfactory ensheathing cells promote collateral axonal branching in the injured adult rat spinal cord. <i>Experimental Neurology</i> , 2004, 185, 15-25.	2.0	74
147	Positional effects of presenilin-1 mutations on tau phosphorylation in cortical plaques. <i>Neurobiology of Disease</i> , 2004, 15, 115-119.	2.1	33
148	Intrinsic Regenerative Ability of Mature CNS Neurons. <i>Neuroscientist</i> , 2004, 10, 280-285.	2.6	32
149	Olfactory ensheathing cell phenotype following implantation in the lesioned spinal cord. <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 2241-2253.	2.4	33
150	Direct determination of the proportion of intra- and extra-cellular neocortical neurofibrillary tangles in Alzheimer's disease. <i>Brain Research</i> , 2003, 971, 135-137.	1.1	8
151	Localization of β 1, β 2, and β 3-synuclein during neuronal development and alterations associated with the neuronal response to axonal trauma. <i>Experimental Neurology</i> , 2003, 182, 195-207.	2.0	29
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