

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	The morphological phenotype of β^2 -amyloid plaques and associated neuritic changes in Alzheimer's disease. <i>Neuroscience</i> , 2001, 105, 99-107.	1.1	245
2	The cause of neuronal degeneration in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2000, 60, 139-165.	2.8	226
3	Relationship between education and age-related cognitive decline: a review of recent research. <i>Psychogeriatrics</i> , 2015, 15, 154-162.	0.6	163
4	Distribution and synaptic localization of immunocytochemically identified NMDA receptor subunit proteins in sensory-motor and visual cortices of monkey and human. <i>Journal of Neuroscience</i> , 1994, 14, 3603-3619.	1.7	160
5	Focal demyelination in Alzheimer's disease and transgenic mouse models. <i>Acta Neuropathologica</i> , 2010, 119, 567-577.	3.9	155
6	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
7	Redefining the Role of Metallothionein within the Injured Brain. <i>Journal of Biological Chemistry</i> , 2008, 283, 15349-15358.	1.6	130
8	Alterations in neurofilament protein immunoreactivity in human hippocampal neurons related to normal aging and Alzheimer's disease. <i>Neuroscience</i> , 1994, 62, 1-13.	1.1	127
9	Neurochemical Diversity of Dystrophic Neurites in the Early and Late Stages of Alzheimer's Disease. <i>Experimental Neurology</i> , 1999, 156, 100-110.	2.0	126
10	Cellular and synaptic localization of NMDA and non-NMDA receptor subunits in neocortex: organizational features related to cortical circuitry, function and disease. <i>Trends in Neurosciences</i> , 1994, 17, 536-543.	4.2	124
11	Excitotoxicity in ALS: Overstimulation, or overreaction?. <i>Experimental Neurology</i> , 2016, 275, 162-171.	2.0	124
12	Altered synapses and gliotransmission in Alzheimer's disease and AD model mice. <i>Neurobiology of Aging</i> , 2013, 34, 2341-2351.	1.5	123
13	Metallothionein-IIA Promotes Initial Neurite Elongation and Postinjury Reactive Neurite Growth and Facilitates Healing after Focal Cortical Brain Injury. <i>Journal of Neuroscience</i> , 2003, 23, 3336-3342.	1.7	115
14	Amyloid β^2 accumulation and inner retinal degenerative changes in Alzheimer's disease transgenic mouse. <i>Neuroscience Letters</i> , 2016, 623, 52-56.	1.0	108
15	Delayed plastic responses to anodal tDCS in older adults. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 115.	1.7	104
16	Progressive transformation of the cytoskeleton associated with normal aging and Alzheimer's disease. <i>Brain Research</i> , 1992, 594, 273-278.	1.1	102
17	Diffuse axonal injury in brain trauma: insights from alterations in neurofilaments. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 429.	1.8	101
18	Differential vulnerability of neurochemically identified subpopulations of retinal neurons in a monkey model of glaucoma. <i>Brain Research</i> , 1995, 680, 23-35.	1.1	99

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19	Initial calcium release from intracellular stores followed by calcium dysregulation is linked to secondary axotomy following transient axonal stretch injury. <i>Journal of Neurochemistry</i> , 2010, 112, 1147-1155.	2.1	92
20	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
21	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
22	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
23	Cytoskeletal and Morphological Alterations Underlying Axonal Sprouting after Localized Transection of Cortical Neuron Axons In Vitro. <i>Journal of Neuroscience</i> , 2003, 23, 3715-3725.	1.7	86
24	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
25	Measuring dementia carers' unmet need for services - an exploratory mixed method study. <i>BMC Health Services Research</i> , 2010, 10, 122.	0.9	83
26	The neurofilament triplet is present in distinct subpopulations of neurons in the central nervous system of the guinea-pig. <i>Neuroscience</i> , 1992, 49, 73-100.	1.1	82
27	Dystrophic Neurite Formation Associated with Age-Related β^2 Amyloid Deposition in the Neocortex: Clues to the Genesis of Neurofibrillary Pathology. <i>Experimental Neurology</i> , 1996, 141, 1-11.	2.0	78
28	Increased Density of Metallothionein I/II-Immunopositive Cortical Glial Cells in the Early Stages of Alzheimer's Disease. <i>Neurobiology of Disease</i> , 1998, 5, 349-356.	2.1	77
29	Defining the earliest pathological changes of Alzheimer's disease. <i>Current Alzheimer Research</i> , 2016, 13, 281-287.	0.7	75
30	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
31	Age-associated and cell-type-specific neurofibrillary pathology in transgenic mice expressing the human mid-sized neurofilament subunit. <i>Journal of Neuroscience</i> , 1994, 14, 5603-5612.	1.7	72
32	Annular alpha-synuclein species from purified multiple system atrophy inclusions. <i>Journal of Neurochemistry</i> , 2004, 90, 502-512.	2.1	70
33	Neurofilament triplet proteins are restricted to a subset of neurons in the rat neocortex. <i>Journal of Chemical Neuroanatomy</i> , 2002, 24, 163-171.	1.0	65
34	Axonopathy and cytoskeletal disruption in degenerative diseases of the central nervous system. <i>Brain Research Bulletin</i> , 2009, 80, 217-223.	1.4	62
35	The apolipoprotein epsilon4 gene is associated with elevated risk of normal tension glaucoma. <i>Molecular Vision</i> , 2002, 8, 389-93.	1.1	61
36	The Cellular Basis for the Relative Resistance of Parvalbumin and Calretinin Immunoreactive Neocortical Neurons to the Pathology of Alzheimer's Disease. <i>Experimental Neurology</i> , 1997, 145, 295-302.	2.0	60

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37	Magnocellular and parvocellular visual pathways are both affected in a macaque monkey model of glaucoma. <i>Australian and New Zealand Journal of Ophthalmology</i> , 1997, 25, 239-243.	0.4	60
38	Neuronâ€glia communication: metallothionein expression is specifically upâ€regulated by astrocytes in response to neuronal injury. <i>Journal of Neurochemistry</i> , 2004, 88, 454-461.	2.1	59
39	The Native Copper- and Zinc- Binding Protein Metallothionein Blocks Copper-Mediated AÎ² Aggregation and Toxicity in Rat Cortical Neurons. <i>PLoS ONE</i> , 2010, 5, e12030.	1.1	58
40	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
41	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
42	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
43	Presenilin-1 Mutation L271V Results in Altered Exon 8 Splicing and Alzheimer's Disease with Non-cored Plaques and No Neuritic Dystrophy. <i>Journal of Biological Chemistry</i> , 2003, 278, 6748-6754.	1.6	54
44	Rho kinase activates ezrin-radixin-moesin (ERM) proteins and mediates their function in cortical neuron growth, morphology and motility in vitro. <i>Journal of Neuroscience Research</i> , 2007, 85, 34-46.	1.3	54
45	Alterations in neurofilaments associated with reactive brain changes and axonal sprouting following acute physical injury to the rat neocortex. <i>Neuropathology and Applied Neurobiology</i> , 2001, 27, 115-126.	1.8	52
46	Chronic Excitotoxin-Induced Axon Degeneration in a Compartmented Neuronal Culture Model. <i>ASN Neuro</i> , 2012, 4, AN20110031.	1.5	52
47	The degree of astrocyte activation in multiple system atrophy is inversely proportional to the distance to Î±-synuclein inclusions. <i>Molecular and Cellular Neurosciences</i> , 2015, 65, 68-81.	1.0	52
48	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
49	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
50	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
51	Metallothionein-III Inhibits Initial Neurite Formation in Developing Neurons as Well as Postinjury, Regenerative Neurite Sprouting. <i>Experimental Neurology</i> , 2002, 178, 1-12.	2.0	49
52	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
53	Î±-Internexin immunoreactivity reflects variable neuronal vulnerability in Alzheimer's disease and supports the role of the Î²-amyloid plaques in inducing neuronal injury. <i>Neurobiology of Disease</i> , 2005, 18, 286-295.	2.1	45
54	Characterization of Cortical Neuronal and Glial Alterations during Culture of Organotypic Whole Brain Slices from Neonatal and Mature Mice. <i>PLoS ONE</i> , 2011, 6, e22040.	1.1	45

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55	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
56	Quantitative localization of NMDAR1 receptor subunit immunoreactivity in inferotemporal and prefrontal association cortices of monkey and human. <i>Brain Research</i> , 1997, 749, 245-262.	1.1	42
57	Morphologically distinct plaque types differentially affect dendritic structure and organisation in the early and late stages of Alzheimer's disease. <i>Acta Neuropathologica</i> , 2002, 103, 377-383.	3.9	41
58	Dystrophic neurites in TgCRND8 and Tg2576 mice mimic human pathological brain aging. <i>Neurobiology of Aging</i> , 2009, 30, 864-874.	1.5	41
59	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
60	Neurofilament protein-triplet immunoreactivity in distinct subpopulations of peptide-containing neurons in the guinea-pig coeliac ganglion. <i>Neuroscience</i> , 1990, 39, 743-759.	1.1	40
61	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
62	A neurofilament protein antibody selectively labels a large ganglion cell type in the human retina. <i>Brain Research</i> , 1992, 582, 123-128.	1.1	38
63	Cyclosporin A treatment attenuates delayed cytoskeletal alterations and secondary axotomy following mild axonal stretch injury. <i>Developmental Neurobiology</i> , 2007, 67, 1831-1842.	1.5	38
64	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
65	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
66	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
67	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
68	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
69	Sequence of Cellular Changes Following Localized Axotomy to Cortical Neurons in Glia-Free Culture. <i>Journal of Neurotrauma</i> , 2000, 17, 1095-1103.	1.7	36
70	Protective Role of Metallothioneins in the Injured Mammalian Brain. <i>Reviews in the Neurosciences</i> , 2004, 15, 157-66.	1.4	36
71	Glutamate induces rapid loss of axonal neurofilament proteins from cortical neurons in vitro. <i>Experimental Neurology</i> , 2005, 193, 481-488.	2.0	36
72	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

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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	Targeted MOOC captivates students. <i>Nature</i> , 2014, 505, 26-26.	13.7	35
75	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
76	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
77	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
78	Positional effects of presenilin-1 mutations on tau phosphorylation in cortical plaques. <i>Neurobiology of Disease</i> , 2004, 15, 115-119.	2.1	33
79	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
80	A Cellular Mechanism for the Neuronal Changes Underlying Alzheimer's Disease. <i>Neuroscience</i> , 1997, 78, 629-639.	1.1	32
81	Intrinsic Regenerative Ability of Mature CNS Neurons. <i>Neuroscientist</i> , 2004, 10, 280-285.	2.6	32
82	Neuron-glia interactions underlie ALS-like axonal cytoskeletal pathology. <i>Neurobiology of Aging</i> , 2011, 32, 459-469.	1.5	32
83	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
84	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
85	The cellular mechanism underlying neuronal degeneration in glaucoma: Parallels with Alzheimer's disease. <i>Australian and New Zealand Journal of Ophthalmology</i> , 1997, 25, 105-109.	0.4	30
86	Localization of α -, β -, and γ -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
87	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
88	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
89	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
90	The Morphologic and Neurochemical Basis of Dementia: Aging, Hierarchical Patterns of Lesion Distribution and Vulnerable Neuronal Phenotype. <i>Reviews in the Neurosciences</i> , 1995, 6, 97-124.	1.4	28

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91	Single-Cell Profiling Identifies Key Pathways Expressed by iPSCs Cultured in Different Commercial Media. <i>IScience</i> , 2018, 7, 30-39.	1.9	28
92	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
93	C9ORF72 expression and cellular localization over mouse development. <i>Acta Neuropathologica Communications</i> , 2015, 3, 59.	2.4	27
94	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
95	Does β -amyloid plaque formation cause structural injury to neuronal processes?. <i>Neurotoxicity Research</i> , 2005, 7, 5-15.	1.3	26
96	Cytoskeletal alterations differentiate presenilin-1 and sporadic Alzheimer's disease. <i>Acta Neuropathologica</i> , 2009, 117, 19-29.	3.9	26
97	The BDNF Val66Met polymorphism moderates the relationship between cognitive reserve and executive function. <i>Translational Psychiatry</i> , 2015, 5, e590-e590.	2.4	26
98	Age is no barrier: predictors of academic success in older learners. <i>Npj Science of Learning</i> , 2017, 2, 13.	1.5	26
99	Sheep have an unusual variant of the brain-specific metallothionein, metallothionein-III. <i>Biochemical Journal</i> , 2002, 365, 323-328.	1.7	25
100	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
101	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
102	Acute reactive and regenerative changes in mature cortical axons following injury. <i>NeuroReport</i> , 2007, 18, 283-288.	0.6	23
103	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
104	Immunocytochemical localization of non-NMDA ionotropic excitatory amino acid receptor subunits in human neocortex. <i>Brain Research</i> , 1995, 671, 175-180.	1.1	22
105	Metallothionein biology in the ageing and neurodegenerative brain. <i>Neurotoxicity Research</i> , 2005, 7, 87-93.	1.3	22
106	Selective distribution of the 66-kDa neuronal intermediate filament protein in the sensory and autonomic nervous system of the guinea-pig. <i>Brain Research</i> , 1992, 585, 205-211.	1.1	21
107	Loss of non-phosphorylated neurofilament immunoreactivity, with preservation of tyrosine hydroxylase, in surviving substantia nigra neurons in Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1994, 57, 1039-1046.	0.9	21
108	Association of Metallothionein-III with Oligodendroglial Cytoplasmic Inclusions in Multiple System Atrophy. <i>Neurotoxicity Research</i> , 2011, 19, 115-122.	1.3	21

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109	Vaccination Strategies for Alzheimer's Disease. <i>Drugs and Aging</i> , 2007, 24, 107-119.	1.3	20
110	Disruption of the Ubiquitin Proteasome System following Axonal Stretch Injury Accelerates Progression to Secondary Axotomy. <i>Journal of Neurotrauma</i> , 2009, 26, 781-788.	1.7	20
111	Disruption of leptin signalling in a mouse model of Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2018, 33, 1097-1110.	1.4	20
112	Complementary immunohistochemical distribution of the neurofilament triplet and novel intermediate filament proteins in the autonomic and sensory nervous system of the guinea-pig. <i>Journal of Chemical Neuroanatomy</i> , 1991, 4, 259-270.	1.0	19
113	Novel 'inflammatory plaque' pathology in presenilin-1 Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2005, 31, 503-511.	1.8	19
114	Hospital Coding of Dementia: Is it Accurate?. <i>Health Information Management Journal</i> , 2011, 40, 5-11.	0.9	19
115	Neuronal Response To Physical Injury And Its Relationship To The Pathology Of Alzheimer's Disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 548-552.	0.9	17
116	Environmental novelty exacerbates stress hormones and A β pathology in an Alzheimer's model. <i>Scientific Reports</i> , 2017, 7, 2764.	1.6	17
117	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
118	Intraperikaryal Neurofilamentous Accumulations in a Subset of Retinal Ganglion Cells in Aged Mice That Express a Human Neurofilament Gene. <i>Experimental Neurology</i> , 1995, 136, 266-269.	2.0	16
119	Spinal cord tissue affects ensheathing cell proliferation and apoptosis. <i>NeuroReport</i> , 2005, 16, 737-740.	0.6	16
120	Multiple views reveal the complexity of dementia diagnosis. <i>Australasian Journal on Ageing</i> , 2008, 27, 183-188.	0.4	16
121	Information issues for providers of services to people with dementia living in the community in Australia: breaking the cycle of frustration. <i>Health and Social Care in the Community</i> , 2009, 17, 141-150.	0.7	16
122	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
123	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
124	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
125	The effects of taxol on the central nervous system response to physical injury. <i>Acta Neuropathologica</i> , 2000, 100, 183-188.	3.9	15
126	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

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127	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
128	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
129	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
130	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
131	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
132	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
133	Neurofilament protein triplet immunoreactivity in the dorsal root ganglia of the guinea-pig. <i>Cell and Tissue Research</i> , 1991, 265, 159-167.	1.5	12
134	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
135	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
136	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
137	Cytoplasmic cytochrome c immunolabelling in dystrophic neurites in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2006, 112, 429-437.	3.9	11
138	Metallothionein expression by NG2 glial cells following CNS injury. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 2716-2722.	2.4	11
139	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
140	'Fit for Purpose': a cohort-centric approach to MOOC design. <i>RUSC Universities and Knowledge Society Journal</i> , 2014, 11, 108.	1.4	11
141	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
142	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
143	Mixed Methods Data Collection in Dementia Research. <i>Journal of Mixed Methods Research</i> , 2011, 5, 330-344.	1.8	10
144	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

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145	Counting the cost of dementia-related hospital admissions: A regional investigation. <i>Australasian Journal on Ageing</i> , 2016, 35, E32-E35.	0.4	10
146	Inhibition of leukocyte chemiluminescence by platelets: role of platelet-bound fibrinogen. <i>Platelets</i> , 2001, 12, 15-19.	1.1	9
147	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
148	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
149	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
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