James C Vickers

List of Publications by Year
in descending order

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197	7,291	41344	79698
papers	citations	49 h-index	73 g-index

205	205	205	9021
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The morphological phenotype of Î²-amyloid plaques and associated neuritic changes in Alzheimerâ€™s disease. Neuroscience, 2001, 105, 99-107.	2.3	245
2	The cause of neuronal degeneration in Alzheimer's disease. Progress in Neurobiology, 2000, 60, 139-165.	5.7	226
3	Relationship between education and ageâ€related cognitive decline: a review of recent research. Psychogeriatrics, 2015, 15, 154-162.	1.2	163
4	Distribution and synaptic localization of immunocytochemically identified NMDA receptor subunit proteins in sensory-motor and visual cortices of monkey and human. Journal of Neuroscience, 1994, 14, 3603-3619.	3.6	160
5	Focal demyelination in Alzheimerâ€™s disease and transgenic mouse models. Acta Neuropathologica, 2010, 119, 567-577.	7.7	155
6	PSEN1Î”E9, APPswe, and APOE4 Confer Disparate Phenotypes in Human iPSC-Derived Microglia. Stem Cell Reports, 2019, 13, 669-683.	4.8	132
7	Redefining the Role of Metallothionein within the Injured Brain. Journal of Biological Chemistry, 2008, 283, 15349-15358.	3.4	130
8	Alterations in neurofilament protein immunoreactivity in human hippocampal neurons related to normal aging and Alzheimer's disease. Neuroscience, 1994, 62, 1-13.	2.3	127
9	Neurochemical Diversity of Dystrophic Neurites in the Early and Late Stages of Alzheimer's Disease. Experimental Neurology, 1999, 156, 100-110.	4.1	126
10	Cellular and synaptic localization of NMDA and non-NMDA receptor subunits in neocortex: organizational features related to cortical circuitry, function and disease. Trends in Neurosciences, 1994, 17, 536-543.	8.6	124
11	Excitotoxicity in ALS: Overstimulation, or overreaction?. Experimental Neurology, 2016, 275, 162-171.	4.1	124
12	Altered synapses and gliotransmission in Alzheimer's disease and AD model mice. Neurobiology of Aging, 2013, 34, 2341-2351.	3.1	123
13	Metallothionein-IIA Promotes Initial Neurite Elongation and Postinjury Reactive Neurite Growth and Facilitates Healing after Focal Cortical Brain Injury. Journal of Neuroscience, 2003, 23, 3336-3342.	3.6	115
14	Amyloid Î² accumulation and inner retinal degenerative changes in Alzheimerâ€™s disease transgenic mouse. Neuroscience Letters, 2016, 623, 52-56.	2.1	108
15	Delayed plastic responses to anodal tDCS in older adults. Frontiers in Aging Neuroscience, 2014, 6, 115.	3.4	104
16	Progressive transformation of the cytoskeleton associated with normal aging and Alzheimer's disease. Brain Research, 1992, 594, 273-278.	2.2	102
17	Diffuse axonal injury in brain trauma: insights from alterations in neurofilaments. Frontiers in Cellular Neuroscience, 2014, 8, 429.	3.7	101
18	Differential vulnerability of neurochemically identified subpopulations of retinal neurons in a monkey model of glaucoma. Brain Research, 1995, 680, 23-35.	2.2	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. Journal of Neurochemistry, 2010, 112, 1147-1155.	3.9	92
20	Olfactory ensheathing cells promote neurite sprouting of injured axons in vitro by direct cellular contact and secretion of soluble factors. Cellular and Molecular Life Sciences, 2004, 61, 1238-1245.	5.4	90
21	Mild Axonal Stretch Injury In Vitro Induces a Progressive Series of Neurofilament Alterations Ultimately Leading to Delayed Axotomy. Journal of Neurotrauma, 2005, 22, 1081-1091.	3.4	89
22	Relationship between participantsâ€™ level of education and engagement in their completion of the Understanding Dementia Massive Open Online Course. BMC Medical Education, 2015, 15, 60.	2.4	87
23	Cytoskeletal and Morphological Alterations Underlying Axonal Sprouting after Localized Transection of Cortical Neuron AxonsIn Vitro. Journal of Neuroscience, 2003, 23, 3715-3725.	3.6	86
24	Alpha-synuclein is upregulated in neurones in response to chronic oxidative stress and is associated with neuroprotection. Experimental Neurology, 2006, 199, 249-256.	4.1	86
25	Measuring dementia carers' unmet need for services - an exploratory mixed method study. BMC Health Services Research, 2010, 10, 122.	2.2	83
26	The neurofilament triplet is present in distinct subpopulations of neurons in the central nervous system of the guinea-pig. Neuroscience, 1992, 49, 73-100.	2.3	82
27	Dystrophic Neurite Formation Associated with Age-Related Î² Amyloid Deposition in the Neocortex: Clues to the Genesis of Neurofibrillary Pathology. Experimental Neurology, 1996, 141, 1-11.	4.1	78
28	Increased Density of Metallothionein I/II-Immunopositive Cortical Glial Cells in the Early Stages of Alzheimer's Disease. Neurobiology of Disease, 1998, 5, 349-356.	4.4	77
29	Defining the earliest pathological changes of Alzheimer's disease. Current Alzheimer Research, 2016, 13, 281-287.	1.4	75
30	Olfactory ensheathing cells promote collateral axonal branching in the injured adult rat spinal cord. Experimental Neurology, 2004, 185, 15-25.	4.1	74
31	Age-associated and cell-type-specific neurofibrillary pathology in transgenic mice expressing the human midsized neurofilament subunit. Journal of Neuroscience, 1994, 14, 5603-5612.	3.6	72
32	Annular alpha-synuclein species from purified multiple system atrophy inclusions. Journal of Neurochemistry, 2004, 90, 502-512.	3.9	70
33	Neurofilament triplet proteins are restricted to a subset of neurons in the rat neocortex. Journal of Chemical Neuroanatomy, 2002, 24, 163-171.	2.1	65
34	Axonopathy and cytoskeletal disruption in degenerative diseases of the central nervous system. Brain Research Bulletin, 2009, 80, 217-223.	3.0	62
35	The apolipoprotein epsilon4 gene is associated with elevated risk of normal tension glaucoma. Molecular Vision, 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. Experimental Neurology, 1997, 145, 295-302.	4.1	60

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37	Magnocellular and parvocellular visual pathways are both affected in a macaque monkey model of glaucoma. Australian and New Zealand Journal of Ophthalmology, 1997, 25, 239-243.	0.4	60
38	Neuronâ€glia communication: metallothionein expression is specifically upâ€regulated by astrocytes in response to neuronal injury. Journal of Neurochemistry, 2004, 88, 454-461.	3.9	59
39	The Native Copper- and Zinc- Binding Protein Metallothionein Blocks Copper-Mediated Aî² Aggregation and Toxicity in Rat Cortical Neurons. PLoS ONE, 2010, 5, e12030.	2.5	58
40	Single cell eQTL analysis identifies cell type-specific genetic control of gene expression in fibroblasts and reprogrammed induced pluripotent stem cells. Genome Biology, 2021, 22, 76.	8.8	58
41	Further education improves cognitive reserve and triggers improvement in selective cognitive functions in older adults: The Tasmanian Healthy Brain Project. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 22-30.	2.4	57
42	Reducing false positive diagnoses in mild cognitive impairment: the importance of comprehensive neuropsychological assessment. European Journal of Neurology, 2014, 21, 1330.	3.3	55
43	Presenilin-1 Mutation L271V Results in Altered Exon 8 Splicing and Alzheimer's Disease with Non-cored Plaques and No Neuritic Dystrophy. Journal of Biological Chemistry, 2003, 278, 6748-6754.	3.4	54
44	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.	2.9	54
45	Alterations in neurofilaments associated with reactive brain changes and axonal sprouting following acute physical injury to the rat neocortex. Neuropathology and Applied Neurobiology, 2001, 27, 115-126.	3.2	52
46	Chronic Excitotoxin-Induced Axon Degeneration in a Compartmented Neuronal Culture Model. ASN Neuro, 2012, 4, AN20110031.	2.7	52
47	The degree of astrocyte activation in multiple system atrophy is inversely proportional to the distance to Î±-synuclein inclusions. Molecular and Cellular Neurosciences, 2015, 65, 68-81.	2.2	52
48	How is palliative care understood in the context of dementia? Results from a massive open online course. Palliative Medicine, 2018, 32, 594-602.	3.1	52
49	Does the Cambridge Automated Neuropsychological Test Battery (CANTAB) Distinguish Between Cognitive Domains in Healthy Older Adults?. Assessment, 2016, 23, 163-172.	3.1	51
50	APOE and BDNF Val66Met polymorphisms combine to influence episodic memory function in older adults. Behavioural Brain Research, 2014, 271, 309-315.	2.2	50
51	Metallothionein-III Inhibits Initial Neurite Formation in Developing Neurons as Well as Postinjury, Regenerative Neurite Sprouting. Experimental Neurology, 2002, 178, 1-12.	4.1	49
52	Localization of glutamate receptors in developing cortical neurons in culture and relationship to susceptibility to excitotoxicity. Journal of Comparative Neurology, 2006, 498, 277-294.	1.6	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. Neurobiology of Disease, 2005, 18, 286-295.	4.4	45
54	Characterization of Cortical Neuronal and Glial Alterations during Culture of Organotypic Whole Brain Slices from Neonatal and Mature Mice. PLoS ONE, 2011, 6, e22040.	2.5	45

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55	Selective Vulnerability of Non-Myelinated Axons to Stretch Injury in an In Vitro Co-Culture System. Journal of Neurotrauma, 2011, 28, 841-847.	3.4	43
56	Quantitative localization of NMDAR1 receptor subunit immunoreactivity in inferotemporal and prefrontal association cortices of monkey and human. Brain Research, 1997, 749, 245-262.	2.2	42
57	Morphologically distinct plaque types differentially affect dendritic structure and organisation in the early and late stages of Alzheimer's disease. Acta Neuropathologica, 2002, 103, 377-383.	7.7	41
58	Dystrophic neurites in TgCRND8 and Tg2576 mice mimic human pathological brain aging. Neurobiology of Aging, 2009, 30, 864-874.	3.1	41
59	Building dementia knowledge globally through the Understanding Dementia Massive Open Online Course (MOOC). Npj Science of Learning, 2019, 4, 3.	2.8	41
60	Neurofilament protein-triplet immunoreactivity in distinct subpopulations of peptide-containing neurons in the guinea-pig coeliac ganglion. Neuroscience, 1990, 39, 743-759.	2.3	40
61	Neurofilament-labeled pyramidal neurons and astrocytes are deficient in DNA methylation marks in Alzheimer's disease. Neurobiology of Aging, 2016, 45, 30-42.	3.1	40
62	A neurofilament protein antibody selectively labels a large ganglion cell type in the human retina. Brain Research, 1992, 582, 123-128.	2.2	38
63	Cyclosporinâ€A treatment attenuates delayed cytoskeletal alterations and secondary axotomy following mild axonal stretch injury. Developmental Neurobiology, 2007, 67, 1831-1842.	3.0	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. Experimental Neurology, 2015, 267, 219-229.	4.1	38
65	The BDNF Val66Met polymorphism moderates the relationship between Posttraumatic Stress Disorder and fear extinction learning. Psychoneuroendocrinology, 2018, 91, 142-148.	2.7	38
66	Connectivity of Pathology: The Olfactory System as a Model for Network-Driven Mechanisms of Alzheimerâ€™s Disease Pathogenesis. Frontiers in Aging Neuroscience, 2015, 7, 234.	3.4	37
67	An Interactive Multimedia Approach to Improving Informed Consent for Induced Pluripotent Stem Cell Research. Cell Stem Cell, 2016, 18, 307-308.	11.1	37
68	Communication training and its effects on carer and careâ€receiver outcomes in dementia settings: A systematic review. Journal of Clinical Nursing, 2019, 28, 1050-1069.	3.0	37
69	Sequence of Cellular Changes Following Localized Axotomy to Cortical Neurons in Glia-Free Culture. Journal of Neurotrauma, 2000, 17, 1095-1103.	3.4	36
70	Protective Role of Metallothioneins in the Injured Mammalian Brain. Reviews in the Neurosciences, 2004, 15, 157-66.	2.9	36
71	Glutamate induces rapid loss of axonal neurofilament proteins from cortical neurons in vitro. Experimental Neurology, 2005, 193, 481-488.	4.1	36
72	Focal Damage to the Adult Rat Neocortex Induces Wound Healing Accompanied by Axonal Sprouting and Dendritic Structural Plasticity. Cerebral Cortex, 2011, 21, 281-291.	2.9	36

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73	Sending your grandparents to university increases cognitive reserve: The Tasmanian Healthy Brain Project.. Neuropsychology, 2016, 30, 525-531.	1.3	36
74	Targeted MOOC captivates students. Nature, 2014, 505, 26-26.	27.8	35
75	Combination treatment with leptin and pioglitazone in a mouse model ofÂAlzheimer's disease. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2017, 3, 92-106.	3.7	35
76	Neurofilament light gene deletion exacerbates amyloid, dystrophic neurite, and synaptic pathology in the APP/PS1 transgenic model of Alzheimer's disease. Neurobiology of Aging, 2015, 36, 2757-2767.	3.1	34
77	Olfactory ensheathing cell phenotype following implantation in the lesioned spinal cord. Cellular and Molecular Life Sciences, 2003, 60, 2241-2253.	5.4	33
78	Positional effects of presenilin-1 mutations on tau phosphorylation in cortical plaques. Neurobiology of Disease, 2004, 15, 115-119.	4.4	33
79	The Influence of Genetic Factors and Cognitive Reserve on Structural and Functional Resting-State Brain Networks in Aging and Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2019, 11, 30.	3.4	33
80	A Cellular Mechanism for the Neuronal Changes Underlying Alzheimerâ€˜s Disease. Neuroscience, 1997, 78, 629-639.	2.3	32
81	Intrinsic Regenerative Ability of Mature CNS Neurons. Neuroscientist, 2004, 10, 280-285.	3.5	32
82	Neuronâ€“glia interactions underlie ALS-like axonal cytoskeletal pathology. Neurobiology of Aging, 2011, 32, 459-469.	3.1	32
83	Midâ€life environmental enrichment increases synaptic density in CA1 in a mouse model of AÎ²â€associated pathology and positively influences synaptic and cognitive health in healthy ageing. Journal of Comparative Neurology, 2017, 525, 1797-1810.	1.6	32
84	Excitotoxicity mediated by nonâ€NMDA receptors causes distal axonopathy in longâ€term cultured spinal motor neurons. European Journal of Neuroscience, 2007, 26, 2151-2159.	2.6	31
85	The cellular mechanism underlying neuronal degeneration in glaucoma: Parallels with Alzheimer's disease. Australian and New Zealand Journal of Ophthalmology, 1997, 25, 105-109.	0.4	30
86	Localization of Î±-, Î²-, and Î³-synuclein during neuronal development and alterations associated with the neuronal response to axonal trauma. Experimental Neurology, 2003, 182, 195-207.	4.1	29
87	No difference in expression of apoptosis-related proteins and apoptotic morphology in control, pathologically aged and Alzheimer's disease cases. Neurobiology of Disease, 2006, 22, 323-333.	4.4	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. International Psychogeriatrics, 2013, 25, 1145-1155.	1.0	29
89	Currents of memory: recent progress, translational challenges, and ethical considerations in fornix deep brain stimulation trials for Alzheimer's disease. Neurobiology of Aging, 2017, 56, 202-210.	3.1	29
90	The Morphologic and Neurochemical Basis of Dementia: Aging, Hierarchical Patterns of Lesion Distribution and Vulnerable Neuronal Phenotype. Reviews in the Neurosciences, 1995, 6, 97-124.	2.9	28

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91	Single-Cell Profiling Identifies Key Pathways Expressed by iPSCs Cultured in Different Commercial Media. IScience, 2018, 7, 30-39.	4.1	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. European Journal of Neuroscience, 2004, 20, 1436-1444.	2.6	27
93	C9ORF72 expression and cellular localization over mouse development. Acta Neuropathologica Communications, 2015, 3, 59.	5.2	27
94	The BDNF Val66Met Polymorphism Modulates Resilience of Neurological Functioning to Brain Ageing and Dementia: A Narrative Review. Brain Sciences, 2020, 10, 195.	2.3	27
95	Does Î²-amyloid plaque formation cause structural injury to neuronal processes?. Neurotoxicity Research, 2005, 7, 5-15.	2.7	26
96	Cytoskeletal alterations differentiate presenilin-1 and sporadic Alzheimerâ€™s disease. Acta Neuropathologica, 2009, 117, 19-29.	7.7	26
97	The BDNF Val66Met polymorphism moderates the relationship between cognitive reserve and executive function. Translational Psychiatry, 2015, 5, e590-e590.	4.8	26
98	Age is no barrier: predictors of academic success in older learners. Npj Science of Learning, 2017, 2, 13.	2.8	26
99	Sheep have an unusual variant of the brain-specific metallothionein, metallothionein-III. Biochemical Journal, 2002, 365, 323-328.	3.7	25
100	Neurites containing the neurofilament-triplet proteins are selectively vulnerable to cytoskeletal pathology in Alzheimerâ€™s disease and transgenic mouse models. Frontiers in Neuroanatomy, 2013, 7, 30.	1.7	25
101	Modeling cognitive reserve in healthy middle-aged and older adults: the Tasmanian Healthy Brain Project. International Psychogeriatrics, 2015, 27, 579-589.	1.0	25
102	Acute reactive and regenerative changes in mature cortical axons following injury. NeuroReport, 2007, 18, 283-288.	1.2	23
103	Cellular dynamics underlying regeneration of damaged axons differs from initial axon development. European Journal of Neuroscience, 2007, 26, 1100-1108.	2.6	23
104	Immunocytochemical localization of non-NMDA ionotropic excitatory amino acid receptor subunits in human neocortex. Brain Research, 1995, 671, 175-180.	2.2	22
105	Metallothionein biology in the ageing and neurodegenerative brain. Neurotoxicity Research, 2005, 7, 87-93.	2.7	22
106	Selective distribution of the 66-kDa neuronal intermediate filament protein in the sensory and autonomic nervous system of the guinea-pig. Brain Research, 1992, 585, 205-211.	2.2	21
107	Loss of non-phosphorylated neurofilament immunoreactivity, with preservation of tyrosine hydroxylase, in surviving substantia nigra neurons in Parkinson's disease.. Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 1039-1046.	1.9	21
108	Association of Metallothionein-III with Oligodendroglial Cytoplasmic Inclusions in Multiple System Atrophy. Neurotoxicity Research, 2011, 19, 115-122.	2.7	21

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109	Vaccination Strategies for Alzheimer???s Disease. Drugs and Aging, 2007, 24, 107-119.	2.7	20
110	Disruption of the Ubiquitin Proteasome System following Axonal Stretch Injury Accelerates Progression to Secondary Axotomy. Journal of Neurotrauma, 2009, 26, 781-788.	3.4	20
111	Disruption of leptin signalling in a mouse model of Alzheimerâ€™s disease. Metabolic Brain Disease, 2018, 33, 1097-1110.	2.9	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. Journal of Chemical Neuroanatomy, 1991, 4, 259-270.	2.1	19
113	Novel 'inflammatory plaque' pathology in presenilin-1 Alzheimer's disease. Neuropathology and Applied Neurobiology, 2005, 31, 503-511.	3.2	19
114	Hospital Coding of Dementia: Is it Accurate?. Health Information Management Journal, 2011, 40, 5-11.	1.2	19
115	Neuronal Response To Physical Injury And Its Relationship To The Pathology Of Alzheimer's Disease. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 548-552.	1.9	17
116	Environmental novelty exacerbates stress hormones and AÎ² pathology in an Alzheimerâ€™s model. Scientific Reports, 2017, 7, 2764.	3.3	17
117	Late-life environmental enrichment preserves short-term memory and may attenuate microglia in male APP/PS1 mice. Neuroscience, 2019, 408, 282-292.	2.3	17
118	Intraperikaryal Neurofilamentous Accumulations in a Subset of Retinal Ganglion Cells in Aged Mice That Express a Human Neurofilament Gene. Experimental Neurology, 1995, 136, 266-269.	4.1	16
119	Spinal cord tissue affects ensheathing cell proliferation and apoptosis. NeuroReport, 2005, 16, 737-740.	1.2	16
120	Multiple views reveal the complexity of dementia diagnosis. Australasian Journal on Ageing, 2008, 27, 183-188.	0.9	16
121	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.	1.6	16
122	Degeneration of axons in spinal white matter in G93A mSOD1 mouse characterized by NFL and alpha-internexin immunoreactivity. Brain Research, 2012, 1465, 90-100.	2.2	16
123	Changes in TDP-43 expression in development, aging, and in the neurofilament light protein knockout mouse. Neurobiology of Aging, 2015, 36, 1151-1159.	3.1	16
124	Alterations in neurofilaments and the transformation of the cytoskeleton in axons may provide insight into the aberrant neuronal changes of Alzheimerâ€™s disease. Brain Research Bulletin, 2016, 126, 324-333.	3.0	16
125	The effects of taxol on the central nervous system response to physical injury. Acta Neuropathologica, 2000, 100, 183-188.	7.7	15
126	Cytoskeletal changes during development and aging in the cortex of neurofilament light protein knockout mice. Journal of Comparative Neurology, 2013, 521, 1817-1827.	1.6	15

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127	The BDNF Val66Met polymorphism moderates the effect of cognitive reserve on 36â€month cognitive change in healthy older adults. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2017, 3, 323-331.	3.7	15
128	BDNF and COMT polymorphisms have a limited association with episodic memory performance or engagement in complex cognitive activity in healthy older adults. Neurobiology of Learning and Memory, 2014, 110, 1-7.	1.9	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. Journal of Clinical and Experimental Neuropsychology, 2016, 38, 551-560.	1.3	14
130	ImageSURF: An ImageJ Plugin for Batch Pixel-Based Image Segmentation Using Random Forests. Journal of Open Research Software, 2017, 5, 31.	5.9	14
131	Early Implementation and Evaluation of StepUp for Dementia Research: An Australia-Wide Dementia Research Participation and Public Engagement Platform. International Journal of Environmental Research and Public Health, 2021, 18, 11353.	2.6	13
132	Island Study Linking Aging and Neurodegenerative Disease (ISLAND) Targeting Dementia Risk Reduction: Protocol for a Prospective Web-Based Cohort Study. JMIR Research Protocols, 2022, 11, e34688.	1.0	13
133	Neurofilament protein triplet immunoreactivity in the dorsal root ganglia of the guinea-pig. Cell and Tissue Research, 1991, 265, 159-167.	2.9	12
134	The HDAC6 Inhibitor Trichostatin A Acetylates Microtubules and Protects Axons From Excitotoxin-Induced Degeneration in a Compartmented Culture Model. Frontiers in Neuroscience, 2018, 12, 872.	2.8	12
135	Change in modifiable dementia risk factors during COVIDâ€19 lockdown: The experience of over 50s in Tasmania, Australia. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12169.	3.7	12
136	Educating the masses to address a global public health priority: The Preventing Dementia Massive Open Online Course (MOOC). PLoS ONE, 2022, 17, e0267205.	2.5	12
137	Cytoplasmic cytochrome c immunolabelling in dystrophic neurites in Alzheimerâ€™s disease. Acta Neuropathologica, 2006, 112, 429-437.	7.7	11
138	Metallothionein expression by NG2 glial cells following CNS injury. Cellular and Molecular Life Sciences, 2007, 64, 2716-2722.	5.4	11
139	Cortical Murine Neurons Lacking the Neurofilament Light Chain Protein Have an Attenuated Response to InjuryIn Vitro. Journal of Neurotrauma, 2013, 30, 1908-1918.	3.4	11
140	'Fit for Purpose': a cohort-centric approach to MOOC design. RUSC Universities and Knowledge Society Journal, 2014, 11, 108.	1.4	11
141	Age Moderates the Effects of Traumatic Brain Injury on Beta-Amyloid Plaque Load in APP/PS1 Mice. Journal of Neurotrauma, 2019, 36, 1876-1889.	3.4	11
142	Coherence and cognition in the cortex: the fundamental role of parvalbumin, myelin, and the perineuronal net. Brain Structure and Function, 2021, 226, 2041-2055.	2.3	11
143	Mixed Methods Data Collection in Dementia Research. Journal of Mixed Methods Research, 2011, 5, 330-344.	2.6	10
144	KIBRA gene polymorphism has no association with verbal or visual episodic memory performance. Frontiers in Aging Neuroscience, 2014, 6, 270.	3.4	10

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145	Counting the cost of dementia-related hospital admissions: A regional investigation. Australasian Journal on Ageing, 2016, 35, E32-E35.	0.9	10
146	Inhibition of leukocyte chemiluminescence by platelets: role of platelet-bound fibrinogen. Platelets, 2001, 12, 15-19.	2.3	9
147	The associations between dual-task walking under three different interference conditions and cognitive function. Gait and Posture, 2020, 82, 174-180.	1.4	9
148	Association Between Components of Cognitive Reserve and Serum BDNF in Healthy Older Adults. Frontiers in Aging Neuroscience, 2021, 13, 725914.	3.4	9
149	The potential roles of genetic factors in predicting ageing-related cognitive change and Alzheimerâ€™s disease. Ageing Research Reviews, 2021, 70, 101402.	10.9	9
150	Direct determination of the proportion of intra- and extra-cellular neocortical neurofibrillary tangles in Alzheimerâ€™s disease. Brain Research, 2003, 971, 135-137.	2.2	8
151	Transcriptional insights on the regenerative mechanics of axotomized neurons in vitro. Journal of Cellular and Molecular Medicine, 2012, 16, 789-811.	3.6	8
152	Microtubuleâ€dependent processes precede pathological calcium influx in excitotoxinâ€induced axon degeneration. Journal of Neurochemistry, 2020, 152, 542-555.	3.9	8
153	TDP-43 mislocalization drives neurofilament changes in a novel model of TDP-43 proteinopathy. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	8
154	The TAS Test project: a prospective longitudinal validation of new online motor-cognitive tests to detect preclinical Alzheimerâ€™s disease and estimate 5-year risks of cognitive decline and dementia. BMC Neurology, 2022, 22, .	1.8	8
155	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. Neurobiology of Aging, 2017, 55, 175-176.	3.1	7
156	O1â€07â€03: IMPROVING KNOWLEDGE AND PRACTICE THROUGH MASSIVE OPEN ONLINE DEMENTIA EDUCATION: THE UNDERSTANDING DEMENTIA AND PREVENTING DEMENTIA MOOCS. Alzheimer's and Dementia, 2018, 14, P233.	0.8	7
157	Accurate and Unbiased Quantitation of Amyloid-Î² Fluorescence Images Using ImageSURF. Current Alzheimer Research, 2019, 16, 102-108.	1.4	7
158	Enhanced Anti-Amyloid Effect of Combined Leptin and Pioglitazone in APP/PS1 Transgenic Mice. Current Alzheimer Research, 2021, 17, 1294-1301.	1.4	6
159	Denervation of the Olfactory Bulb Leads to Decreased Aβ Plaque Load in a Transgenic Mouse Model of Alzheimer’ s Disease. Current Alzheimer Research, 2013, 10, 688-696.	1.4	6
160	A Vaccine Against Alzheimer??s Disease. Drugs and Aging, 2002, 19, 487-494.	2.7	5
161	Interactive effects of the APOE and BDNF polymorphisms on functional brain connectivity: the Tasmanian Healthy Brain Project. Scientific Reports, 2021, 11, 14514.	3.3	5
162	Subpopulations of neurons in the guinea-pig inferior mesenteric ganglia distinguished by the differential distribution of neurofilament triplet epitopes. Journal of Chemical Neuroanatomy, 1992, 5, 417-426.	2.1	4

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163	Pathological Links between Traumatic Brain Injury and Dementia: Australian Pre-Clinical Research. Journal of Neurotrauma, 2020, 37, 782-791.	3.4	4
164	Regional differences in beta amyloid plaque deposition and variable response to midlife environmental enrichment in the cortex of <scp>APP</scp>/<scp>PS1</scp> mice. Journal of Comparative Neurology, 2021, 529, 1849-1862.	1.6	4
165	TasTest: Moving towards a digital screening test for preâ€clinical Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, .	0.8	4
166	Identification and characterization of a population of motile neurons in long-term cortical culture. Cytoskeleton, 2007, 64, 274-287.	4.4	3
167	Axonal shearing in mature cortical neurons induces attempted regeneration and the reestablishment of neurite polarity. Brain Research, 2009, 1300, 24-36.	2.2	3
168	Enhancing early detection of cognitive impairment in the criminal justice system: feasibility of a proposed method. Current Issues in Criminal Justice, 2019, 31, 60-74.	1.4	3
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