Belinda M Brown

List of Publications by Year
in descending order

60	4,614	218677	175258
papers	citations	26 h-index	52 g-index

65	65	65	7426
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Amyloid Î² deposition, neurodegeneration, and cognitive decline in sporadic Alzheimer's disease: a prospective cohort study. Lancet Neurology, The, 2013, 12, 357-367.	10.2	1,738
2	Blood-Based Protein Biomarkers for Diagnosis of Alzheimer Disease. Archives of Neurology, 2012, 69, 1318.	4.5	348
3	Predicting Alzheimer disease with Î²â€amyloid imaging: Results from the Australian imaging, biomarkers, and lifestyle study of ageing. Annals of Neurology, 2013, 74, 905-913.	5.3	194
4	Examining the potential clinical value of curcumin in the prevention and diagnosis of Alzheimerâ€™s disease. British Journal of Nutrition, 2016, 115, 449-465.	2.3	186
5	Physical activity and amyloid-Î² plasma and brain levels: results from the Australian Imaging, Biomarkers and Lifestyle Study of Ageing. Molecular Psychiatry, 2013, 18, 875-881.	7.9	185
6	Multiple effects of physical activity on molecular and cognitive signs of brain aging: can exercise slow neurodegeneration and delay Alzheimerâ€™s disease?. Molecular Psychiatry, 2013, 18, 864-874.	7.9	177
7	Clinical and cognitive trajectories in cognitively healthy elderly individuals with suspected non-Alzheimer's disease pathophysiology (SNAP) or Alzheimer's disease pathology: a longitudinal study. Lancet Neurology, The, 2016, 15, 1044-1053.	10.2	175
8	Curcumin and cognition: a randomised, placebo-controlled, double-blind study of community-dwelling older adults. British Journal of Nutrition, 2016, 115, 2106-2113.	2.3	147
9	The Relationship between Sleep Quality and Brain Amyloid Burden. Sleep, 2016, 39, 1063-1068.	1.1	123
10	Plasma Amyloid-Î² as a Biomarker in Alzheimer's Disease: The AIBL Study of Aging. Journal of Alzheimer's Disease, 2010, 20, 1233-1242.	2.6	122
11	Comparison of MR-less PiB SUVR quantification methods. Neurobiology of Aging, 2015, 36, S159-S166.	3.1	96
12	Alzheimerâ€™s Disease: A Journey from Amyloid Peptides and Oxidative Stress, to Biomarker Technologies and Disease Prevention Strategiesâ€”Gains from AIBL and DIAN Cohort Studies. Journal of Alzheimer's Disease, 2018, 62, 965-992.	2.6	96
13	Intense physical activity is associated with cognitive performance in the elderly. Translational Psychiatry, 2012, 2, e191-e191.	4.8	93
14	Genetic variation in Aquaporin-4 moderates the relationship between sleep and brain AÎ²-amyloid burden. Translational Psychiatry, 2018, 8, 47.	4.8	92
15	Exploring the relationship between physical activity, beta-amyloid and tau: A narrative review. Ageing Research Reviews, 2019, 50, 9-18.	10.9	67
16	Fifteen Years of the Australian Imaging, Biomarkers and Lifestyle (AIBL) Study: Progress and Observations from 2,359 Older Adults Spanning the Spectrum from Cognitive Normality to Alzheimerâ€™s Disease. Journal of Alzheimer's Disease Reports, 2021, 5, 443-468.	2.2	59
17	Influence of BDNF Val66Met on the relationship between physical activity and brain volume. Neurology, 2014, 83, 1345-1352.	1.1	58
18	Intense resistance exercise increases peripheral brain-derived neurotrophic factor. Journal of Science and Medicine in Sport, 2017, 20, 899-903.	1.3	51

#	Article	IF	Citations
19	Mediterranean diet adherence and rate of cerebral AÎ²-amyloid accumulation: Data from the Australian Imaging, Biomarkers and Lifestyle Study of Ageing. Translational Psychiatry, 2018, 8, 238.	4.8	49
20	Cognitive Aging and the Promise of Physical Activity. Annual Review of Clinical Psychology, 2022, 18, 417-442.	12.3	46
21	Habitual exercise levels are associated with cerebral amyloid load in presymptomatic autosomal dominant Alzheimer's disease. Alzheimer's and Dementia, 2017, 13, 1197-1206.	0.8	45
22	Associations of Dietary Protein and Fiber Intake with Brain and Blood Amyloid-Î². Journal of Alzheimer's Disease, 2018, 61, 1589-1598.	2.6	44
23	Plasma Phospholipid and Sphingolipid Alterations in Presenilin1 Mutation Carriers: A Pilot Study. Journal of Alzheimer's Disease, 2016, 50, 887-894.	2.6	40
24	Relationships between physical activity, sleep and cognitive function: A narrative review. Neuroscience and Biobehavioral Reviews, 2021, 130, 369-378.	6.1	36
25	Cerebral amyloid-Î² accumulation and deposition following traumatic brain injuryâ€"A narrative review and meta-analysis of animal studies. Neuroscience and Biobehavioral Reviews, 2016, 64, 215-228.	6.1	34
26	Exploring the bi-directional relationship between sleep and beta-amyloid. Current Opinion in Psychiatry, 2016, 29, 397-401.	6.3	28
27	Self-Reported Physical Activity is Associated with Tau Burden Measured by Positron Emission Tomography. Journal of Alzheimer's Disease, 2018, 63, 1299-1305.	2.6	28
28	Resistance Exercise-Induced Responses in Physiological Factors Linked with Cognitive Health. Journal of Alzheimer's Disease, 2019, 68, 39-64.	2.6	27
29	Bone mineral density, adiposity, and cognitive functions. Frontiers in Aging Neuroscience, 2015, 7, 16.	3.4	23
30	The impact of exercise, sleep, and diet on neurocognitive recovery from mild traumatic brain injury in older adults: A narrative review. Ageing Research Reviews, 2021, 68, 101322.	10.9	18
31	Sleep disruption explains age-related prospective memory deficits: implications for cognitive aging and intervention. Aging, Neuropsychology, and Cognition, 2019, 26, 621-636.	1.3	16
32	Does APOE genotype moderate the relationship between physical activity, brain health and dementia risk? A systematic review. Ageing Research Reviews, 2020, 64, 101173.	10.9	16
33	High-intensity exercise and cognitive function in cognitively normal older adults: a pilot randomised clinical trial. Alzheimer's Research and Therapy, 2021, 13, 33.	6.2	16
34	Study protocol of the Intense Physical Activity and Cognition study: The effect of highâ€intensity exercise training on cognitive function in older adults. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2017, 3, 562-570.	3.7	15
35	The relationship between physical activity, apolipoprotein E Îµ4 carriage, and brain health. Alzheimer's Research and Therapy, 2020, 12, 48.	6.2	15
36	Subjective memory complaints predict baseline but not future cognitive function over three years: results from the Western Australia Memory Study. International Psychogeriatrics, 2019, 31, 513-525.	1.0	13

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37	Resistance training enhances delayed memory in healthy middle-aged and older adults: A randomised controlled trial. Journal of Science and Medicine in Sport, 2019, 22, 1226-1231.	1.3	12
38	Twelve weeks of resistance training does not influence peripheral levels of neurotrophic growth factors or homocysteine in healthy adults: a randomized-controlled trial. European Journal of Applied Physiology, 2019, 119, 2167-2176.	2.5	10
39	Higher Cardiorespiratory Fitness is Associated with Reduced Functional Brain Connectivity During Performance of the Stroop Task. Brain Plasticity, 2019, 5, 57-67.	3.5	10
40	Influence of BDNF Val66Met on the relationship between cardiorespiratory fitness and memory in cognitively normal older adults. Behavioural Brain Research, 2019, 362, 103-108.	2.2	10
41	Decreased Platelet APP Isoform Ratios in Autosomal Dominant Alzheimer’s Disease: Baseline Data from a DIAN Cohort Subset. Current Alzheimer Research, 2015, 12, 157-164.	1.4	10
42	The Association Between Alzheimer's Disease-Related Markers and Physical Activity in Cognitively Normal Older Adults. Frontiers in Aging Neuroscience, 2022, 14, 771214.	3.4	8
43	Age and APOE genotype affect the relationship between objectively measured physical activity and power in the alpha band, a marker of brain disease. Alzheimer's Research and Therapy, 2020, 12, 113.	6.2	7
44	A Randomized Controlled Trial of High-Intensity Exercise and Executive Functioning in Cognitively Normal Older Adults. American Journal of Geriatric Psychiatry, 2021, 29, 129-140.	1.2	6
45	Trajectories of irregular word reading ability as a proxy for premorbid intelligence in Alzheimerâ€™s disease, mild cognitive impairment, and healthy aging: A longitudinal study.. Psychological Assessment, 2018, 30, 1308-1316.	1.5	5
46	Personality factors and cerebral glucose metabolism in community-dwelling older adults. Brain Structure and Function, 2020, 225, 1511-1522.	2.3	3
47	P1-254: Investigating the synergistic relationship between sleep quality, physical activity, and levels of brain beta-amyloid. , 2015, 11, P451-P451.		2
48	[P2â€“086]: EDUCATION AND PHYSICAL ACTIVITY IN RELATION TO FRAILTY AND WHOLEâ€BRAIN STRUCTURAL HEALTH IN ALZHEIMER'S DISEASE, MILD COGNITIVE IMPAIRMENT, AND NORMAL AGING: RESULTS FROM THE AUSTRALIAN IMAGING, BIOMARKERS AND LIFESTYLE FLAGSHIP STUDY OF AGEING (AIBL). Alzheimer's and Dementia, 2017, 13, P639.	0.8	2
49	Personality characteristics are independently associated with prospective memory in the laboratory, and in daily Life, among older adults. Journal of Research in Personality, 2018, 76, 32-37.	1.7	2
50	Androgen receptor CAG repeat length as a moderator of the relationship between free testosterone levels and cognition. Hormones and Behavior, 2021, 131, 104966.	2.1	2
51	The Effect of Self-Paced Exercise Intensity and Cardiorespiratory Fitness on Frontal Grey Matter Volume in Cognitively Normal Older Adults: A Randomised Controlled Trial. Journal of the International Neuropsychological Society, 2022, 28, 902-915.	1.8	2
52	Non-Modifiable Factors as Moderators of the Relationship Between Physical Activity and Brain Volume: A Cross-Sectional UK Biobank Study. Journal of Alzheimer's Disease, 2022, 88, 1091-1101.	2.6	2
53	O1-01-04: AÎ² accumulation in non-demented individuals: A longitudinal F-18-flutemetamol study. , 2015, 11, P125-P125.		1
54	O1â€01â€02: The cognitive and brain volumetric trajectories of healthy elderly controls with either Alzheimer's pathology, neurodegeneration (SNAP), or both. Alzheimer's and Dementia, 2015, 11, P123.	0.8	1

#	Article	IF	Citations
55	P1-172: Characterizing patterns of atrophy between cognitively unimpaired healthy elderly controls with either Alzheimer's disease or suspected non-alzheimer's disease pathophysiology. , 2015, 11, P410-P411.		0
56	IC-02-01: Characterizing patterns of atrophy between cognitively unimpaired healthy elderly controls with either Alzheimer's disease or suspected non-Alzheimer's disease pathophysiology. , 2015, 11, P5-P5.		0
57	[P1â€“607]: SELFâ€REPORTED PHYSICAL ACTIVITY IS ASSOCIATED WITH TAU BURDEN AS MEASURED BY PET. Alzheimer's and Dementia, 2017, 13, P528.	0.8	0
58	[O3â€“01â€“04]: HABITUAL EXERCISE LEVELS ARE ASSOCIATED WITH CEREBRAL AMYLOID LOAD IN PREâ€SYMPTOMATIC AUTOSOMAL DOMINANT ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P894.	0.8	0
59	O4â€06â€01: GENETIC VARIATION IN AQUAPORINS MODERATES THE RELATIONSHIP BETWEEN SLEEP AND BRAIN Aî²â€AMYLOID BURDEN. Alzheimer's and Dementia, 2018, 14, P1413.	0.8	0
60	The impact of age, sex, and genetics on the relationship between objectively measured habitual physical activity and brain volume: A crossâ€sectional UK Biobank study. Alzheimer's and Dementia, 2021, 17, .	0.8	0