

Belinda M Brown

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

4,614
citations

218381

26
h-index

174990

52
g-index

65
all docs

65
docs citations

65
times ranked

7426
citing authors

#	ARTICLE	IF	CITATIONS
1	Amyloid β deposition, neurodegeneration, and cognitive decline in sporadic Alzheimer's disease: a prospective cohort study. <i>Lancet Neurology</i> , The, 2013, 12, 357-367.	4.9	1,738
2	Blood-Based Protein Biomarkers for Diagnosis of Alzheimer Disease. <i>Archives of Neurology</i> , 2012, 69, 1318.	4.9	348
3	Predicting Alzheimer disease with β -amyloid imaging: Results from the Australian imaging, biomarkers, and lifestyle study of ageing. <i>Annals of Neurology</i> , 2013, 74, 905-913.	2.8	194
4	Examining the potential clinical value of curcumin in the prevention and diagnosis of Alzheimer's disease. <i>British Journal of Nutrition</i> , 2016, 115, 449-465.	1.2	186
5	Physical activity and amyloid- β plasma and brain levels: results from the Australian Imaging, Biomarkers and Lifestyle Study of Ageing. <i>Molecular Psychiatry</i> , 2013, 18, 875-881.	4.1	185
6	Multiple effects of physical activity on molecular and cognitive signs of brain aging: can exercise slow neurodegeneration and delay Alzheimer's disease?. <i>Molecular Psychiatry</i> , 2013, 18, 864-874.	4.1	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. <i>Lancet Neurology</i> , The, 2016, 15, 1044-1053.	4.9	175
8	Curcumin and cognition: a randomised, placebo-controlled, double-blind study of community-dwelling older adults. <i>British Journal of Nutrition</i> , 2016, 115, 2106-2113.	1.2	147
9	The Relationship between Sleep Quality and Brain Amyloid Burden. <i>Sleep</i> , 2016, 39, 1063-1068.	0.6	123
10	Plasma Amyloid- β as a Biomarker in Alzheimer's Disease: The AIBL Study of Aging. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 1233-1242.	1.2	122
11	Comparison of MR-less PiB SUVR quantification methods. <i>Neurobiology of Aging</i> , 2015, 36, S159-S166.	1.5	96
12	Alzheimer's Disease: A Journey from Amyloid Peptides and Oxidative Stress, to Biomarker Technologies and Disease Prevention Strategies—Gains from AIBL and DIAN Cohort Studies. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 965-992.	1.2	96
13	Intense physical activity is associated with cognitive performance in the elderly. <i>Translational Psychiatry</i> , 2012, 2, e191-e191.	2.4	93
14	Genetic variation in Aquaporin-4 moderates the relationship between sleep and brain β -amyloid burden. <i>Translational Psychiatry</i> , 2018, 8, 47.	2.4	92
15	Exploring the relationship between physical activity, beta-amyloid and tau: A narrative review. <i>Ageing Research Reviews</i> , 2019, 50, 9-18.	5.0	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 Alzheimer's Disease. <i>Journal of Alzheimer's Disease Reports</i> , 2021, 5, 443-468.	1.2	59
17	Influence of <i>BDNF</i> Val66Met on the relationship between physical activity and brain volume. <i>Neurology</i> , 2014, 83, 1345-1352.	1.5	58
18	Intense resistance exercise increases peripheral brain-derived neurotrophic factor. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 899-903.	0.6	51

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19	Mediterranean diet adherence and rate of cerebral A β -amyloid accumulation: Data from the Australian Imaging, Biomarkers and Lifestyle Study of Ageing. <i>Translational Psychiatry</i> , 2018, 8, 238.	2.4	49
20	Cognitive Aging and the Promise of Physical Activity. <i>Annual Review of Clinical Psychology</i> , 2022, 18, 417-442.	6.3	46
21	Habitual exercise levels are associated with cerebral amyloid load in presymptomatic autosomal dominant Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 1197-1206.	0.4	45
22	Associations of Dietary Protein and Fiber Intake with Brain and Blood Amyloid- β . <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1589-1598.	1.2	44
23	Plasma Phospholipid and Sphingolipid Alterations in Presenilin1 Mutation Carriers: A Pilot Study. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 887-894.	1.2	40
24	Relationships between physical activity, sleep and cognitive function: A narrative review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 130, 369-378.	2.9	36
25	Cerebral amyloid- β accumulation and deposition following traumatic brain injury—A narrative review and meta-analysis of animal studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 215-228.	2.9	34
26	Exploring the bi-directional relationship between sleep and beta-amyloid. <i>Current Opinion in Psychiatry</i> , 2016, 29, 397-401.	3.1	28
27	Self-Reported Physical Activity is Associated with Tau Burden Measured by Positron Emission Tomography. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1299-1305.	1.2	28
28	Resistance Exercise-Induced Responses in Physiological Factors Linked with Cognitive Health. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 39-64.	1.2	27
29	Bone mineral density, adiposity, and cognitive functions. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 16.	1.7	23
30	The impact of exercise, sleep, and diet on neurocognitive recovery from mild traumatic brain injury in older adults: A narrative review. <i>Ageing Research Reviews</i> , 2021, 68, 101322.	5.0	18
31	Sleep disruption explains age-related prospective memory deficits: implications for cognitive aging and intervention. <i>Aging, Neuropsychology, and Cognition</i> , 2019, 26, 621-636.	0.7	16
32	Does APOE genotype moderate the relationship between physical activity, brain health and dementia risk? A systematic review. <i>Ageing Research Reviews</i> , 2020, 64, 101173.	5.0	16
33	High-intensity exercise and cognitive function in cognitively normal older adults: a pilot randomised clinical trial. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 33.	3.0	16
34	Study protocol of the Intense Physical Activity and Cognition study: The effect of high-intensity exercise training on cognitive function in older adults. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 562-570.	1.8	15
35	The relationship between physical activity, apolipoprotein E ϵ 4 carriage, and brain health. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 48.	3.0	15
36	Subjective memory complaints predict baseline but not future cognitive function over three years: results from the Western Australia Memory Study. <i>International Psychogeriatrics</i> , 2019, 31, 513-525.	0.6	13

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37	Resistance training enhances delayed memory in healthy middle-aged and older adults: A randomised controlled trial. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 1226-1231.	0.6	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. <i>European Journal of Applied Physiology</i> , 2019, 119, 2167-2176.	1.2	10
39	Higher Cardiorespiratory Fitness is Associated with Reduced Functional Brain Connectivity During Performance of the Stroop Task. <i>Brain Plasticity</i> , 2019, 5, 57-67.	1.9	10
40	Influence of BDNF Val66Met on the relationship between cardiorespiratory fitness and memory in cognitively normal older adults. <i>Behavioural Brain Research</i> , 2019, 362, 103-108.	1.2	10
41	Decreased Platelet APP Isoform Ratios in Autosomal Dominant Alzheimer's Disease: Baseline Data from a DIAN Cohort Subset. <i>Current Alzheimer Research</i> , 2015, 12, 157-164.	0.7	10
42	The Association Between Alzheimer's Disease-Related Markers and Physical Activity in Cognitively Normal Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 771214.	1.7	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. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 113.	3.0	7
44	A Randomized Controlled Trial of High-Intensity Exercise and Executive Functioning in Cognitively Normal Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 129-140.	0.6	6
45	Trajectories of irregular word reading ability as a proxy for premorbid intelligence in Alzheimer's disease, mild cognitive impairment, and healthy aging: A longitudinal study. <i>Psychological Assessment</i> , 2018, 30, 1308-1316.	1.2	5
46	Personality factors and cerebral glucose metabolism in community-dwelling older adults. <i>Brain Structure and Function</i> , 2020, 225, 1511-1522.	1.2	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	[P2086]: EDUCATION AND PHYSICAL ACTIVITY IN RELATION TO FRAILTY AND WHOLE-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). <i>Alzheimer's and Dementia</i> , 2017, 13, P639.	0.4	2
49	Personality characteristics are independently associated with prospective memory in the laboratory, and in daily life, among older adults. <i>Journal of Research in Personality</i> , 2018, 76, 32-37.	0.9	2
50	Androgen receptor CAG repeat length as a moderator of the relationship between free testosterone levels and cognition. <i>Hormones and Behavior</i> , 2021, 131, 104966.	1.0	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. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 902-915.	1.2	2
52	Non-Modifiable Factors as Moderators of the Relationship Between Physical Activity and Brain Volume: A Cross-Sectional UK Biobank Study. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 1091-1101.	1.2	2
53	O1-01-04: A β 2 accumulation in non-demented individuals: A longitudinal F-18-flutemetamol study. , 2015, 11, P125-P125.		1
54	O102: The cognitive and brain volumetric trajectories of healthy elderly controls with either Alzheimer's pathology, neurodegeneration (SNAP), or both. <i>Alzheimer's and Dementia</i> , 2015, 11, P123.	0.4	1

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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.	0.4	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.	0.4	0
59	O4â€“06â€“01: GENETIC VARIATION IN AQUAPORINS MODERATES THE RELATIONSHIP BETWEEN SLEEP AND BRAIN AÎ¿â€“AMYLOID BURDEN. Alzheimer's and Dementia, 2018, 14, P1413.	0.4	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, .	0.4	0