

Laura Elizabeth Middleton

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,749
citations

257101

24
h-index

189595

50
g-index

82
all docs

82
docs citations

82
times ranked

4428
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mental Activity and eXercise (MAX) Trial. JAMA Internal Medicine, 2013, 173, 797.	2.6	311
2	Promising Strategies for the Prevention of Dementia. Archives of Neurology, 2009, 66, 1210-5.	4.9	295
3	Physical Activity Over the Life Course and Its Association with Cognitive Performance and Impairment in Old Age. Journal of the American Geriatrics Society, 2010, 58, 1322-1326.	1.3	255
4	Activity Energy Expenditure and Incident Cognitive Impairment in Older Adults. Archives of Internal Medicine, 2011, 171, 1251.	4.3	133
5	Consensus on Shared Measures of Mobility and Cognition: From the Canadian Consortium on Neurodegeneration in Aging (CCNA). Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 897-909.	1.7	125
6	Changes in Cognition and Mortality in Relation to Exercise in Late Life: A Population Based Study. PLoS ONE, 2008, 3, e3124.	1.1	103
7	Criterion and Convergent Validity of the Montreal Cognitive Assessment with Screening and Standardized Neuropsychological Testing. Journal of the American Geriatrics Society, 2013, 61, 2181-2185.	1.3	99
8	Mild Cognitive Impairment, Dementia, and Their Subtypes in Oldest Old Women. Archives of Neurology, 2011, 68, 631-6.	4.9	97
9	Physical activity and the maintenance of cognitive function. , 2007, 3, S38-S44.		96
10	Impact of a Single Bout of Aerobic Exercise on Regional Brain Perfusion and Activation Responses in Healthy Young Adults. PLoS ONE, 2014, 9, e85163.	1.1	78
11	Prevention of CIND by physical activity: Different impact on VCI-ND compared with MCI. Journal of the Neurological Sciences, 2008, 269, 80-84.	0.3	74
12	Targets for the Prevention of Dementia. Journal of Alzheimer's Disease, 2010, 20, 915-924.	1.2	73
13	A single session of exercise increases connectivity in sensorimotor-related brain networks: a resting-state fMRI study in young healthy adults. Frontiers in Human Neuroscience, 2014, 8, 625.	1.0	65
14	Frequency of domain-specific cognitive impairment in sub-acute and chronic stroke. NeuroRehabilitation, 2014, 34, 305-312.	0.5	60
15	Neuropathologic features associated with Alzheimer disease diagnosis. Neurology, 2011, 77, 1737-1744.	1.5	59
16	Operationalizing diagnostic criteria for Alzheimer's disease and other age-related cognitive impairmentâ€”Part I. Alzheimer's and Dementia, 2011, 7, 15-34.	0.4	52
17	SYNERGIC TRIAL (SYNchronizing Exercises, Remedies in Gait and Cognition) a multi-Centre randomized controlled double blind trial to improve gait and cognition in mild cognitive impairment. BMC Geriatrics, 2018, 18, 93.	1.1	45
18	Guidelines for Gait Assessments in the Canadian Consortium on Neurodegeneration in Aging (CCNA). Canadian Geriatrics Journal, 2018, 21, 157-165.	0.7	43

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19	Using the Health Belief Model to Understand Age Differences in Perceptions and Responses to the COVID-19 Pandemic. <i>Frontiers in Psychology</i> , 2021, 12, 609893.	1.1	42
20	Cerebral Hypoperfusion Is Exaggerated With an Upright Posture in Heart Failure. <i>JACC: Heart Failure</i> , 2015, 3, 168-175.	1.9	41
21	Effects of menstrual phase on performance and recovery in intense intermittent activity. <i>European Journal of Applied Physiology</i> , 2006, 96, 53-58.	1.2	37
22	Physical activity in the prevention of ischemic stroke and improvement of outcomes: A narrative review. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 133-137.	2.9	37
23	Sleep and cognitive function in chronic stroke: a comparative cross-sectional study. <i>Sleep</i> , 2019, 42, .	0.6	36
24	Formulation of evidence-based messages to promote the use of physical activity to prevent and manage Alzheimer's disease. <i>BMC Public Health</i> , 2017, 17, 209.	1.2	34
25	Validity of Rating of Perceived Exertion Ranges in Individuals in the Subacute Stage of Stroke Recovery. <i>Topics in Stroke Rehabilitation</i> , 2013, 20, 519-527.	1.0	33
26	Perceived Facilitators and Barriers to Exercise Among Older Adults With Mild Cognitive Impairment and Early Dementia. <i>Journal of Aging and Physical Activity</i> , 2020, 28, 208-218.	0.5	29
27	Exercise intensity modulates the change in cerebral blood flow following aerobic exercise in chronic stroke. <i>Experimental Brain Research</i> , 2015, 233, 2467-2475.	0.7	27
28	Immersive Virtual Reality Exergames for Persons Living With Dementia: User-Centered Design Study as a Multistakeholder Team During the COVID-19 Pandemic. <i>JMIR Serious Games</i> , 2022, 10, e29987.	1.7	27
29	Modeling the Impact of Sex on How Exercise Is Associated with Cognitive Changes and Death in Older Canadians. <i>Neuroepidemiology</i> , 2009, 33, 47-54.	1.1	24
30	The Acute Effects of Aerobic Exercise on Cognitive Control among People with Chronic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2742-2748.	0.7	24
31	Future Directions for Dementia Risk Reduction and Prevention Research: An International Research Network on Dementia Prevention Consensus. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 3-12.	1.2	22
32	Implications of Risk Factors for Alzheimer's Disease in Canada's Indigenous Population. <i>Canadian Geriatrics Journal</i> , 2015, 18, 152-158.	0.7	22
33	Does Participation in Standardized Aerobic Fitness Training During Inpatient Stroke Rehabilitation Promote Engagement in Aerobic Exercise After Discharge? A Cohort Study. <i>Topics in Stroke Rehabilitation</i> , 2014, 21, S42-S51.	1.0	19
34	Promoting Optimal Physical Exercise for Life: An Exercise and Self-Management Program to Encourage Participation in Physical Activity after Discharge from Stroke Rehabilitation—A Feasibility Study. <i>Stroke Research and Treatment</i> , 2016, 2016, 1-10.	0.5	18
35	The influence of an acute bout of aerobic exercise on cortical contributions to motor preparation and execution. <i>Physiological Reports</i> , 2014, 2, e12178.	0.7	17
36	The inclusion of cognition in vascular risk factor clinical practice guidelines. <i>Clinical Interventions in Aging</i> , 2009, 4, 425.	1.3	14

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37	Study protocol for Vitality: a proof-of-concept randomised controlled trial of exercise training or complex mental and social activities to promote cognition in adults with chronic stroke. <i>BMJ Open</i> , 2018, 8, e021490.	0.8	14
38	The Mental Activity and eExercise (MAX) trial: Effects on physical function and quality of life among older adults with cognitive complaints. <i>Contemporary Clinical Trials</i> , 2018, 64, 161-166.	0.8	14
39	Similar changes in executive function after moderate resistance training and loadless movement. <i>PLoS ONE</i> , 2019, 14, e0212122.	1.1	12
40	Exercise: A Potential Contributing Factor to the Relationship Between Folate and Dementia. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 1095-1098.	1.3	11
41	Changes in Physical Activity and Function with Transition to Retirement Living: A Pilot Study. <i>Canadian Journal on Aging</i> , 2016, 35, 526-532.	0.6	10
42	Centre- versus home-based exercise among people with mci and mild dementia: study protocol for a randomized parallel-group trial. <i>BMC Geriatrics</i> , 2018, 18, 27.	1.1	10
43	Is Cardiac Rehabilitation Exercise Feasible for People with Mild Cognitive Impairment?. <i>Canadian Geriatrics Journal</i> , 2015, 18, 65-72.	0.7	10
44	Factors influencing participation in physical activity for persons living with dementia in rural and northern communities in Canada: a qualitative study. <i>BMJ Open</i> , 2022, 12, e060860.	0.8	10
45	Proxy reports of physical activity were valid in older people with and without cognitive impairment. <i>Journal of Clinical Epidemiology</i> , 2010, 63, 435-440.	2.4	9
46	Promoting Optimal Physical Exercise for Life (PROPEL): aerobic exercise and self-management early after stroke to increase daily physical activityâ€”study protocol for a stepped-wedge randomised trial. <i>BMJ Open</i> , 2017, 7, e015843.	0.8	9
47	Effects of an Exercise and Mental Activity Program for People With Dementia and Their Care Partners. <i>Journal of Aging and Physical Activity</i> , 2019, 27, 276-283.	0.5	9
48	Family member eating assistance and food intake in long-term care: A secondary data analysis of the M3 Study. <i>Journal of Advanced Nursing</i> , 2020, 76, 2933-2944.	1.5	9
49	Immersive Virtual Reality Exergames to Promote the Well-being of Community-Dwelling Older Adults: Protocol for a Mixed Methods Pilot Study. <i>JMIR Research Protocols</i> , 2022, 11, e32955.	0.5	9
50	Dementia- and mild cognitive impairment-inclusive exercise: Perceptions, experiences, and needs of community exercise providers. <i>PLoS ONE</i> , 2020, 15, e0238187.	1.1	8
51	A single aerobic exercise session accelerates movement execution but not central processing. <i>Neuroscience</i> , 2017, 346, 149-159.	1.1	7
52	Multidisciplinary Iterative Design of Exergames (MIDE): A Framework for Supporting the Design, Development, and Evaluation of Exergames for Health. <i>Lecture Notes in Computer Science</i> , 2020, , 128-147.	1.0	7
53	Multimodal Sensor Data Analysis for Detection of Risk Situations of Fragile People in @home Environments. <i>Lecture Notes in Computer Science</i> , 2021, , 342-353.	1.0	6
54	Moderate aerobic exercise, but not anticipation of exercise, improves cognitive control. <i>PLoS ONE</i> , 2020, 15, e0242270.	1.1	5

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55	Changes in cognitive control and mood across repeated exercise sessions. <i>Applied Psychology: Health and Well-Being</i> , 2021, 13, 853-870.	1.6	3
56	In Their Own Words: How COVID-19 Has Impacted the Well-Being of Persons Living with Dementia in the Community. <i>Canadian Journal on Aging</i> , 2021, 40, 543-553.	0.6	3
57	P2â€538: VALIDITY OF PHYSICAL ACTIVITY SCALE FOR THE ELDERLY AMONG PEOPLE WITH MCI OR MILD DEMENTIA. <i>Alzheimer's and Dementia</i> , 2018, 14, P942.	0.4	2
58	Protocol for SYNchronising Exercises, Remedies in Gait and Cognition at Home (SYNERGIC@Home): feasibility of a home-based double-blind randomised controlled trial to improve gait and cognition in individuals at risk for dementia. <i>BMJ Open</i> , 2022, 12, e059988.	0.8	2
59	Using participatory research to coâ€create the dementiaâ€inclusive choices for exercise toolkit. <i>Alzheimer's and Dementia</i> , 2021, 17, e053215.	0.4	1
60	P2â€403: Targeting MCI with Cardiac Rehabilitation Exercise: A Feasibility Study. <i>Alzheimer's and Dementia</i> , 2016, 12, P799.	0.4	0
61	P3â€633: PERCEIVED BARRIERS TO EXERCISE AMONG OLDER ADULTS WITH MCI AND EARLY DEMENTIA. <i>Alzheimer's and Dementia</i> , 2018, 14, P1375.	0.4	0
62	P1â€581: HOW DO WE BEST DELIVER EXERCISE TO PEOPLE WITH MCI AND DEMENTIA? A RANDOMIZED PARALLELâ€GROUP TRIAL. <i>Alzheimer's and Dementia</i> , 2018, 14, P558.	0.4	0
63	Altering Dementia Risk: Can Fitness Overcome Obesity in Relation to Cognition?. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1703-1705.	0.8	0
64	Evaluating the YMCA Move for Health Program in Individuals With Osteoarthritis and Assessing Maintenance During the COVID-19 Pandemic. <i>Journal of Aging and Physical Activity</i> , 2021, , 1-12.	0.5	0
65	Coâ€design of the DELIGHT (Dementia Lifestyle Interventions for Growing Healthy Together) program for persons living with dementia and care partners. <i>Alzheimer's and Dementia</i> , 2021, 17, e053193.	0.4	0
66	Moderate aerobic exercise, but not anticipation of exercise, improves cognitive control. , 2020, 15, e0242270.		0
67	Moderate aerobic exercise, but not anticipation of exercise, improves cognitive control. , 2020, 15, e0242270.		0
68	Moderate aerobic exercise, but not anticipation of exercise, improves cognitive control. , 2020, 15, e0242270.		0
69	Moderate aerobic exercise, but not anticipation of exercise, improves cognitive control. , 2020, 15, e0242270.		0
70	Moderate aerobic exercise, but not anticipation of exercise, improves cognitive control. , 2020, 15, e0242270.		0
71	Moderate aerobic exercise, but not anticipation of exercise, improves cognitive control. , 2020, 15, e0242270.		0
72	Title is missing!. , 2020, 15, e0238187.		0

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73	Title is missing!. , 2020, 15, e0238187.		0
74	Title is missing!. , 2020, 15, e0238187.		0
75	Title is missing!. , 2020, 15, e0238187.		0
76	Title is missing!. , 2020, 15, e0238187.		0
77	Title is missing!. , 2020, 15, e0238187.		0
78	Função cognitiva após exercícios aeróbicos com e sem restrição do fluxo sanguíneo em adultos mais velhos. , 0, 20, e022005.		0