

Louis Bherer

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,613
citations

249298

26
h-index

232693

48
g-index

70
all docs

70
docs citations

70
times ranked

4203
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Performances on the Montreal Cognitive Assessment Along the Cardiovascular Disease Continuum. Archives of Clinical Neuropsychology, 2022, 37, 117-124. | 0.3 | 7 |
| 2 | How and Why Patients Adhere to a Prescribed Cardiac Rehabilitation Program: A Longitudinal Phenomenological Study of Patients with Acute Coronary Syndrome. International Journal of Environmental Research and Public Health, 2022, 19, 1482. | 1.2 | 3 |
| 3 | Pattern of Atrial Fibrillation and Cognitive Function in Young Patients With Atrial Fibrillation and Low CHADS 2 Score: Insights From the BRAIN-AF Trial. Circulation: Arrhythmia and Electrophysiology, 2022, , CIRCEP121010462. | 2.1 | 3 |
| 4 | 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. BMJ Open, 2022, 12, e059988. | 0.8 | 2 |
| 5 | Synergistic Effects of Cognitive Training and Physical Exercise on Dual-Task Performance in Older Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, 1533-1541. | 2.4 | 20 |
| 6 | Physical Exercise Training Effect and Mediation Through Cardiorespiratory Fitness on Dual-Task Performances Differ in Younger and Older Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, 219-228. | 2.4 | 30 |
| 7 | Gait variability across neurodegenerative and cognitive disorders: Results from the Canadian Consortium of Neurodegeneration in Aging (CCNA) and the Gait and Brain Study. Alzheimer's and Dementia, 2021, 17, 1317-1328. | 0.4 | 79 |
| 8 | Ankle dorsiflexors and plantarflexors neuromuscular electrical stimulation training impacts gait kinematics in older adults: A pilot study. Gait and Posture, 2021, 84, 335-339. | 0.6 | 3 |
| 9 | High-intensity interval training vs. hydrochlorothiazide on blood pressure, cardiovascular health and cognition: Protocol of a non-inferiority trial. Contemporary Clinical Trials, 2021, 102, 106286. | 0.8 | 1 |
| 10 | Investigating the role of self-control beliefs in predicting exercise behaviour: A longitudinal study. British Journal of Health Psychology, 2021, 26, 1155-1175. | 1.9 | 4 |
| 11 | Statin use moderates the beneficial effects of aerobic exercise on older adults' performances on the Stroop test: A subanalysis. Experimental Gerontology, 2021, 147, 111277. | 1.2 | 4 |
| 12 | Facilitating Exercise Habit Formation among Cardiac Rehabilitation Patients: A Randomized Controlled Pilot Trial. International Journal of Environmental Research and Public Health, 2021, 18, 6440. | 1.2 | 5 |
| 13 | COPEPIC (Cognitive and spOrt Virtual EPIC training) investigating the effects of home-based physical exercise and cognitive training on cognitive and physical functions in community-dwelling older adults: study protocol of a randomized single-blinded clinical trial. Trials, 2021, 22, 505. | 0.7 | 6 |
| 14 | A comparison of physical exercise and cognitive training interventions to improve determinants of functional mobility in healthy older adults. Experimental Gerontology, 2021, 149, 111331. | 1.2 | 12 |
| 15 | Normative Data for a Tablet-Based Dual-Task Assessment in Healthy Older Adults. Archives of Clinical Neuropsychology, 2021, 36, 1316-1325. | 0.3 | 10 |
| 16 | A Comparison of the Effect of Physical Activity and Cognitive Training on Dual-Task Performance in Older Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, , . | 2.4 | 5 |
| 17 | Effects of Dance/Movement Training vs. Aerobic Exercise Training on cognition, physical fitness and quality of life in older adults: A randomized controlled trial. Journal of Bodywork and Movement Therapies, 2020, 24, 212-220. | 0.5 | 49 |
| 18 | Arterial stiffness cut-off value and white matter integrity in the elderly. NeuroImage: Clinical, 2020, 26, 102007. | 1.4 | 11 |

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|----|--|-----|-----------|
| 19 | Higher cardiovascular fitness level is associated with lower cerebrovascular reactivity and perfusion in healthy older adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1468-1481. | 2.4 | 24 |
| 20 | Cardiorespiratory Fitness Mediates Cognitive Performance in Chronic Heart Failure Patients and Heart Transplant Recipients. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8591. | 1.2 | 4 |
| 21 | Effects of Computerized Updating and Inhibition Training in Older Adults: The ACTOP Three-Arm Randomized Double-Blind Controlled Trial. <i>Frontiers in Neurology</i> , 2020, 11, 606873. | 1.1 | 5 |
| 22 | Cognitive and physical impact of cognitive-motor dual-task training in cognitively impaired older adults: An overview. <i>Neurophysiologie Clinique</i> , 2020, 50, 441-453. | 1.0 | 28 |
| 23 | Mind the Rhythm: ECG QT Dispersion and Cognition in Healthy Older Adults. <i>Frontiers in Psychology</i> , 2020, 11, 566341. | 1.1 | 4 |
| 24 | Sex-moderated association between body composition and cognition in older adults. <i>Experimental Gerontology</i> , 2020, 138, 111002. | 1.2 | 7 |
| 25 | Dual decline in gait speed and cognition is associated with future dementia: evidence for a phenotype. <i>Age and Ageing</i> , 2020, 49, 995-1002. | 0.7 | 32 |
| 26 | Cardiac Rehabilitation During Quarantine in COVID-19 Pandemic: Challenges for Center-Based Programs. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 1835-1838. | 0.5 | 65 |
| 27 | Effects on cognition of physical activity with or without music and of dance. , 2020, , 277-291. | | 1 |
| 28 | Obese but Fit: The Benefits of Fitness on Cognition in Obese Older Adults. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1747-1753. | 0.8 | 12 |
| 29 | Assessing the Effect of Training on the Cognition and Brain of Older Adults: Protocol for a Three-Arm Randomized Double-Blind Controlled Trial (ACTOP). <i>JMIR Research Protocols</i> , 2020, 9, e20430. | 0.5 | 6 |
| 30 | Consensus on Shared Measures of Mobility and Cognition: From the Canadian Consortium on Neurodegeneration in Aging (CCNA). <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 897-909. | 1.7 | 125 |
| 31 | Dance your stress away: comparing the effect of dance/movement training to aerobic exercise training on the cortisol awakening response in healthy older adults. <i>Stress</i> , 2019, 22, 687-695. | 0.8 | 20 |
| 32 | Arterial stiffness and brain integrity: A review of MRI findings. <i>Ageing Research Reviews</i> , 2019, 53, 100907. | 5.0 | 42 |
| 33 | Blinded Randomized Trial of Anticoagulation to Prevent Ischemic Stroke and Neurocognitive Impairment in Atrial Fibrillation (BRAIN-AF): Methods and Design. <i>Canadian Journal of Cardiology</i> , 2019, 35, 1069-1077. | 0.8 | 27 |
| 34 | Brain gray matter volume associations with gait speed and related structural covariance networks in cognitively healthy individuals and in patients with mild cognitive impairment: A cross-sectional study. <i>Experimental Gerontology</i> , 2019, 122, 116-122. | 1.2 | 13 |
| 35 | Switching Ability Mediates the Age-Related Difference in Timed Up and Go Performance. <i>Journal of Alzheimer's Disease</i> , 2019, 71, S23-S28. | 1.2 | 11 |
| 36 | <p>Investigating dose–response effects of multimodal exercise programs on health-related quality of life in older adults</p>. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 209-217. | 1.3 | 20 |

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|----|--|-----|-----------|
| 37 | Arterial stiffness and white matter integrity in the elderly: A diffusion tensor and magnetization transfer imaging study. <i>NeuroImage</i> , 2019, 186, 577-585. | 2.1 | 19 |
| 38 | The effect of simultaneously and sequentially delivered cognitive and aerobic training on mobility among older adults with hearing loss. <i>Gait and Posture</i> , 2019, 67, 262-268. | 0.6 | 16 |
| 39 | Effects of Dancing on Cognition in Healthy Older Adults: a Systematic Review. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2019, 3, 161-167. | 0.8 | 40 |
| 40 | Motor and Cognitive Trajectories Before Dementia: Results from Gait and Brain Study. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 1676-1683. | 1.3 | 82 |
| 41 | Guidelines for Gait Assessments in the Canadian Consortium on Neurodegeneration in Aging (CCNA). <i>Canadian Geriatrics Journal</i> , 2018, 21, 157-165. | 0.7 | 43 |
| 42 | Cognitive Involvement in Balance, Gait and Dual-Tasking in Aging: A Focused Review From a Neuroscience of Aging Perspective. <i>Frontiers in Neurology</i> , 2018, 9, 913. | 1.1 | 151 |
| 43 | Higher cardiovascular fitness level is associated to better cognitive dual-task performance in Master Athletes: Mediation by cardiac autonomic control. <i>Brain and Cognition</i> , 2018, 125, 127-134. | 0.8 | 27 |
| 44 | The Effects of Multi-Component Exercise Training on Cognitive Functioning and Health-Related Quality of Life in Older Adults. <i>International Journal of Behavioral Medicine</i> , 2018, 25, 617-625. | 0.8 | 14 |
| 45 | Editorial: Cognitive and Brain Plasticity Induced by Physical Exercise, Cognitive Training, Video Games, and Combined Interventions. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 169. | 1.0 | 29 |
| 46 | 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. <i>BMC Geriatrics</i> , 2018, 18, 93. | 1.1 | 45 |
| 47 | Editorial Special Topic: Enhancing Brain and Cognition via Physical Exercise. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2018, 2, 135-136. | 0.8 | 4 |
| 48 | Limited Benefits of Heterogeneous Dual-Task Training on Transfer Effects in Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2017, 72, gbv105. | 2.4 | 22 |
| 49 | Comparison of two cognitive interventions for adults experiencing executive dysfunction post-stroke: a pilot study. <i>Disability and Rehabilitation</i> , 2017, 39, 1-13. | 0.9 | 63 |
| 50 | Cardiovascular and cerebral hemodynamics during exercise and recovery in obese individuals as a function of their fitness status. <i>Physiological Reports</i> , 2017, 5, e13321. | 0.7 | 11 |
| 51 | Cognitive function in patients with stable coronary heart disease: Related cerebrovascular and cardiovascular responses. <i>PLoS ONE</i> , 2017, 12, e0183791. | 1.1 | 27 |
| 52 | Does the Beck Cognitive Insight Scale Predict Response to Cognitive Remediation in Schizophrenia?. <i>Schizophrenia Research and Treatment</i> , 2016, 2016, 1-6. | 0.7 | 41 |
| 53 | Effects of combined physical and cognitive training on fitness and neuropsychological outcomes in healthy older adults. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1287-1299. | 1.3 | 92 |
| 54 | Older Adults with Mild Cognitive Impairments Show Less Driving Errors after a Multiple Sessions Simulator Training Program but Do Not Exhibit Long Term Retention. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 653. | 1.0 | 13 |

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|----|--|-----|-----------|
| 55 | Anti-Dementia Drugs, Gait Performance and Mental Imagery of Gait: A Non-Randomized Open-Label Trial. <i>Drugs and Aging</i> , 2016, 33, 665-673. | 1.3 | 5 |
| 56 | Normative data for phonemic and semantic verbal fluency test in the adult French Québec population and validation study in Alzheimer's disease and depression. <i>Clinical Neuropsychologist</i> , 2016, 30, 1126-1150. | 1.5 | 63 |
| 57 | Differences between chronological and brain age are related to education and self-reported physical activity. <i>Neurobiology of Aging</i> , 2016, 40, 138-144. | 1.5 | 198 |
| 58 | Cerebral Hemodynamics During Exercise and Recovery in Heart Transplant Recipients. <i>Canadian Journal of Cardiology</i> , 2016, 32, 539-546. | 0.8 | 7 |
| 59 | Shedding light on the effect of priority instructions during dual-task performance in younger and older adults: A fNIRS study. <i>Brain and Cognition</i> , 2015, 98, 1-14. | 0.8 | 18 |
| 60 | Executive functions in men and postmenopausal women. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2015, 37, 193-208. | 0.8 | 13 |
| 61 | Cognitive plasticity in older adults: effects of cognitive training and physical exercise. <i>Annals of the New York Academy of Sciences</i> , 2015, 1337, 1-6. | 1.8 | 199 |
| 62 | Hearts and minds: linking vascular rigidity and aerobic fitness with cognitive aging. <i>Neurobiology of Aging</i> , 2015, 36, 304-314. | 1.5 | 75 |
| 63 | Mobility and Cognition in Seniors. Report from the 2008 Institute of Aging (CIHR) Mobility and Cognition Workshop. <i>Canadian Geriatrics Journal</i> , 2015, 18, 159-167. | 0.7 | 34 |
| 64 | Physical Functioning Is Associated With Processing Speed and Executive Functions in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, 837-844. | 2.4 | 40 |
| 65 | Age dependence of hemodynamic response characteristics in human functional magnetic resonance imaging. <i>Neurobiology of Aging</i> , 2013, 34, 1469-1485. | 1.5 | 96 |
| 66 | Physical Exercise and Brain Functions in Older Adults. <i>Journal of Aging Research</i> , 2013, 2013, 1-2. | 0.4 | 49 |
| 67 | Testing the limits of cognitive plasticity in older adults: Application to attentional control. <i>Acta Psychologica</i> , 2006, 123, 261-278. | 0.7 | 131 |
| 68 | Training effects on dual-task performance: Are there age-related differences in plasticity of attentional control?. <i>Psychology and Aging</i> , 2005, 20, 695-709. | 1.4 | 245 |