

J Carson Smith

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,424
citations

201385

27
h-index

223531

46
g-index

71
all docs

71
docs citations

71
times ranked

3795
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Forward-focused coping predicts better mental health outcomes in mid- to late-life during the COVID-19 pandemic. <i>Aging and Mental Health</i> , 2022, 26, 554-562. | 1.5 | 8 |
| 2 | Differential associations of regional cerebellar volume with gait speed and working memory. <i>Scientific Reports</i> , 2022, 12, 2355. | 1.6 | 2 |
| 3 | Mean arterial pressure, fitness, and executive function in middle age and older adults. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100135. | 0.4 | 2 |
| 4 | Neurite dispersion and density mediates the relationship between cardiorespiratory fitness and cognition in healthy younger adults. <i>Neuropsychologia</i> , 2022, 169, 108207. | 0.7 | 4 |
| 5 | Subjective Well-Being and Bilateral Anterior Insula Functional Connectivity After Exercise Intervention in Older Adults With Mild Cognitive Impairment. <i>Frontiers in Neuroscience</i> , 2022, 16, . | 1.4 | 2 |
| 6 | Changes in cerebral perfusion following a 12-month exercise and diet intervention. <i>Psychophysiology</i> , 2021, 58, e13589. | 1.2 | 19 |
| 7 | Association Between Greater Cerebellar Network Connectivity and Improved Phonemic Fluency Performance After Exercise Training in Older Adults. <i>Cerebellum</i> , 2021, 20, 542-555. | 1.4 | 14 |
| 8 | Blood pressure-related differences in brain health between young African Americans and Caucasian Americans. <i>Physiological Reports</i> , 2021, 9, e14819. | 0.7 | 1 |
| 9 | Exercise Training-Related Changes in Cortical Gray Matter Diffusivity and Cognitive Function in Mild Cognitive Impairment and Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 645258. | 1.7 | 14 |
| 10 | Greater Semantic Memory Activation After Exercise Training Cessation in Older Endurance-Trained Athletes. <i>Journal of Aging and Physical Activity</i> , 2021, 29, 250-258. | 0.5 | 3 |
| 11 | Five-Year Change in Body Mass Index Predicts Conversion to Mild Cognitive Impairment or Dementia Only in APOE ϵ 4 Allele Carriers. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 189-199. | 1.2 | 5 |
| 12 | The relationship between traffic-related air pollution exposures and allostatic load score among youth with type 1 diabetes in the SEARCH cohort. <i>Environmental Research</i> , 2021, 197, 111075. | 3.7 | 4 |
| 13 | Hippocampal Functional Connectivity and Memory Performance After Exercise Intervention in Older Adults with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 1015-1031. | 1.2 | 14 |
| 14 | Microstructural Plasticity in the Hippocampus of Healthy Older Adults after Acute Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1928-1936. | 0.2 | 10 |
| 15 | Evidence for exercise-related plasticity in functional and structural neural network connectivity. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 923-940. | 2.9 | 42 |
| 16 | Impact of exercise on older adults's mood is moderated by sleep and mediated by altered brain connectivity. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 1238-1251. | 1.5 | 14 |
| 17 | Label-free X-ray estimation of brain amyloid burden. <i>Scientific Reports</i> , 2020, 10, 20505. | 1.6 | 5 |
| 18 | Episodic Memory and Hippocampal Volume Predict 5-Year Mild Cognitive Impairment Conversion in Healthy Apolipoprotein μ 4 Carriers. <i>Journal of the International Neuropsychological Society</i> , 2020, 26, 733-738. | 1.2 | 7 |

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|----|---|-----|-----------|
| 19 | The Mental Health Benefits of Physical Activity in Older Adults Survive the COVID-19 Pandemic. <i>American Journal of Geriatric Psychiatry</i> , 2020, 28, 1046-1057. | 0.6 | 216 |
| 20 | Brain activation during executive control after acute exercise in older adults. <i>International Journal of Psychophysiology</i> , 2019, 146, 240-248. | 0.5 | 19 |
| 21 | A single bout of hard RPE-based cycling exercise increases salivary alpha-amylase. <i>Physiology and Behavior</i> , 2019, 208, 112555. | 1.0 | 9 |
| 22 | Semantic Memory Activation After Acute Exercise in Healthy Older Adults. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 557-568. | 1.2 | 32 |
| 23 | Effects of sleep extension on cognitive/motor performance and motivation in military tactical athletes. <i>Sleep Medicine</i> , 2019, 58, 48-55. | 0.8 | 27 |
| 24 | Sleep health and its association with performance and motivation in tactical athletes enrolled in the Reserve Officers' Training Corps. <i>Sleep Health</i> , 2019, 5, 309-314. | 1.3 | 17 |
| 25 | Caudate Volume Mediates the Interaction between Total Sleep Time and Executive Function after Acute Exercise in Healthy Older Adults. <i>Brain Plasticity</i> , 2019, 5, 69-82. | 1.9 | 20 |
| 26 | Resting Cerebral Blood Flow After Exercise Training in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 671-684. | 1.2 | 71 |
| 27 | Differential 5-year brain atrophy rates in cognitively declining and stable APOE- ϵ 4 elders.. <i>Neuropsychology</i> , 2018, 32, 647-653. | 1.0 | 12 |
| 28 | Motor timing intraindividual variability in amnesic mild cognitive impairment and cognitively intact elders at genetic risk for Alzheimer's disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2017, 39, 866-875. | 0.8 | 7 |
| 29 | Are Optimism and Cynical Hostility Associated with Smoking Cessation in Older Women?. <i>Annals of Behavioral Medicine</i> , 2017, 51, 500-510. | 1.7 | 19 |
| 30 | Exercise Training and Functional Connectivity Changes in Mild Cognitive Impairment and Healthy Elders. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 845-856. | 1.2 | 114 |
| 31 | Executive Function and the P300 after Treadmill Exercise and Futsal in College Soccer Players. <i>Sports</i> , 2017, 5, 73. | 0.7 | 16 |
| 32 | Hippocampal and Cerebral Blood Flow after Exercise Cessation in Master Athletes. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 184. | 1.7 | 44 |
| 33 | Diffusion Tensor Imaging Predictors of Episodic Memory Decline in Healthy Elders at Genetic Risk for Alzheimer's Disease. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 1005-1015. | 1.2 | 23 |
| 34 | Five-Year Longitudinal Brain Volume Change in Healthy Elders at Genetic Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 1363-1377. | 1.2 | 41 |
| 35 | Predictors of Optimal Cognitive Aging in 80+ Women: The Women's Health Initiative Memory Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, S62-S71. | 1.7 | 37 |
| 36 | Interactive effects of physical activity and APOE- ϵ 4 on white matter tract diffusivity in healthy elders. <i>NeuroImage</i> , 2016, 131, 102-112. | 2.1 | 41 |

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|----|---|-----|-----------|
| 37 | Improved Cardiorespiratory Fitness Is Associated with Increased Cortical Thickness in Mild Cognitive Impairment. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 757-767. | 1.2 | 74 |
| 38 | Introduction to the <i>JINS</i> Special Issue: Physical Activity and Brain Plasticity. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 743-744. | 1.2 | 4 |
| 39 | Genetic risk for Alzheimer's disease alters the five-year trajectory of semantic memory activation in cognitively intact elders. <i>NeuroImage</i> , 2015, 111, 136-146. | 2.1 | 39 |
| 40 | The influence of sport goggles on visual target detection in female intercollegiate athletes. <i>Journal of Sports Sciences</i> , 2015, 33, 1117-1123. | 1.0 | 8 |
| 41 | Physical activity reduces hippocampal atrophy in elders at genetic risk for Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 61. | 1.7 | 110 |
| 42 | Concurrent and Longitudinal Relationships Between Cognitive Activity, Cognitive Performance, and Brain Volume in Older Adult Women. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, 826-836. | 2.4 | 21 |
| 43 | Performance variability during a multitrial list-learning task as a predictor of future cognitive decline in healthy elders. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 236-243. | 0.8 | 9 |
| 44 | Physical Activity and Brain Function in Older Adults at Increased Risk for Alzheimer's Disease. <i>Brain Sciences</i> , 2013, 3, 54-83. | 1.1 | 52 |
| 45 | Effects of Emotional Exposure on State Anxiety after Acute Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 372-378. | 0.2 | 45 |
| 46 | Semantic Memory Functional MRI and Cognitive Function after Exercise Intervention in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2013, 37, 197-215. | 1.2 | 121 |
| 47 | Comparison of Semantic and Episodic Memory BOLD fMRI Activation in Predicting Cognitive Decline in Older Adults. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 11-21. | 1.2 | 21 |
| 48 | Recognition of famous names predicts cognitive decline in healthy elders.. <i>Neuropsychology</i> , 2013, 27, 333-342. | 1.0 | 16 |
| 49 | Lifestyle and Genetic Contributions to Cognitive Decline and Hippocampal Structure and Function in Healthy Aging. <i>Current Alzheimer Research</i> , 2012, 9, 436-446. | 0.7 | 69 |
| 50 | Functional magnetic resonance imaging of semantic memory as a presymptomatic biomarker of Alzheimer's disease risk. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 442-456. | 1.8 | 31 |
| 51 | Tagging cortical networks in emotion: A topographical analysis. <i>Human Brain Mapping</i> , 2012, 33, 2920-2931. | 1.9 | 38 |
| 52 | Interactive effects of physical activity and APOE- ϵ 4 on BOLD semantic memory activation in healthy elders. <i>NeuroImage</i> , 2011, 54, 635-644. | 2.1 | 100 |
| 53 | Visual threat detection during moderate- and high-intensity exercise.. <i>Emotion</i> , 2011, 11, 572-581. | 1.5 | 13 |
| 54 | Attentional bias to emotional stimuli is altered during moderate- but not high-intensity exercise.. <i>Emotion</i> , 2011, 11, 1415-1424. | 1.5 | 25 |

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|----|--|-----|-----------|
| 55 | Does physical activity influence semantic memory activation in amnesic mild cognitive impairment?. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 60-62. | 0.9 | 21 |
| 56 | Detecting changes in human cerebral blood flow after acute exercise using arterial spin labeling: Implications for fMRI. <i>Journal of Neuroscience Methods</i> , 2010, 191, 258-262. | 1.3 | 76 |
| 57 | The contributions of self-efficacy, trait anxiety, and fear of falling to physical activity behavior among residents of continuing care retirement communities. <i>Ageing Research</i> , 2010, 1, 4. | 0.8 | 6 |
| 58 | Prediction of Cognitive Decline in Healthy Older Adults using fMRI. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 871-885. | 1.2 | 62 |
| 59 | Measures of Physical Ability Are Unrelated to Objectively Measured Physical Activity Behavior in Older Adults Residing in Continuing Care Retirement Communities. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009, 90, 982-986. | 0.5 | 29 |
| 60 | Electrocortical and electrodermal responses covary as a function of emotional arousal: A single-trial analysis. <i>Psychophysiology</i> , 2008, 45, 516-523. | 1.2 | 60 |
| 61 | Both Predator and Prey. <i>Psychological Science</i> , 2008, 19, 865-873. | 1.8 | 172 |
| 62 | Relationships Between Self-Efficacy and Physical Activity Behavior Among Elders in an Assisted Living Environment. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S468. | 0.2 | 1 |
| 63 | Emotional & electroencephalographic responses during affective picture viewing after exercise. <i>Physiology and Behavior</i> , 2007, 90, 394-404. | 1.0 | 36 |
| 64 | Rapid picture presentation and affective engagement.. <i>Emotion</i> , 2006, 6, 208-214. | 1.5 | 31 |
| 65 | Electromyographic indices of neuromuscular reflexes. <i>International Journal of Sport and Exercise Psychology</i> , 2005, 3, 322-337. | 1.1 | 0 |
| 66 | Methodology in Psychophysiological Studies: Applications in Physical Activity. <i>International Journal of Sport and Exercise Psychology</i> , 2005, 3, 534-553. | 1.1 | 1 |
| 67 | State anxiety and affective physiology: effects of sustained exposure to affective pictures. <i>Biological Psychology</i> , 2005, 69, 247-260. | 1.1 | 127 |
| 68 | Physical activity does not disturb the measurement of startle and corrugator responses during affective picture viewing. <i>Biological Psychology</i> , 2003, 63, 293-310. | 1.1 | 20 |
| 69 | Emotional responsiveness after low- and moderate-intensity exercise and seated rest. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 1158-1167. | 0.2 | 31 |
| 70 | Influence of manipulated category knowledge on prototype classification and recognition. <i>Memory and Cognition</i> , 1993, 21, 529-538. | 0.9 | 20 |