

John R Best

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

6,982
citations

159585

30
h-index

62596

80
g-index

91
all docs

91
docs citations

91
times ranked

8751
citing authors

#	ARTICLE	IF	CITATIONS
1	A Developmental Perspective on Executive Function. <i>Child Development</i> , 2010, 81, 1641-1660.	3.0	1,635
2	Relations between executive function and academic achievement from ages 5 to 17 in a large, representative national sample. <i>Learning and Individual Differences</i> , 2011, 21, 327-336.	2.7	886
3	Effects of physical activity on children's executive function: Contributions of experimental research on aerobic exercise. <i>Developmental Review</i> , 2010, 30, 331-351.	4.7	661
4	Executive functions after age 5: Changes and correlates. <i>Developmental Review</i> , 2009, 29, 180-200.	4.7	651
5	Measuring sleep quality in older adults: a comparison using subjective and objective methods. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 166.	3.4	318
6	Impact of exercise training on physical and cognitive function among older adults: a systematic review and meta-analysis. <i>Neurobiology of Aging</i> , 2019, 79, 119-130.	3.1	236
7	Exergaming immediately enhances children's executive function.. <i>Developmental Psychology</i> , 2012, 48, 1501-1510.	1.6	156
8	Effect of a Home-Based Exercise Program on Subsequent Falls Among Community-Dwelling High-Risk Older Adults After a Fall. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 2092.	7.4	150
9	Long-Term Effects of Resistance Exercise Training on Cognition and Brain Volume in Older Women: Results from a Randomized Controlled Trial. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 745-756.	1.8	139
10	Behavioral economic predictors of overweight children's weight loss.. <i>Journal of Consulting and Clinical Psychology</i> , 2012, 80, 1086-1096.	2.0	112
11	Aerobic exercise and vascular cognitive impairment. <i>Neurology</i> , 2016, 87, 2082-2090.	1.1	104
12	The diagnostic performance of neurofilament light chain in CSF and blood for Alzheimer's disease, frontotemporal dementia, and amyotrophic lateral sclerosis: A systematic review and meta-analysis. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 730-743.	2.4	100
13	An Evaluation of the Longitudinal, Bidirectional Associations Between Gait Speed and Cognition in Older Women and Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1616-1623.	3.6	99
14	Aerobic exercise promotes executive functions and impacts functional neural activity among older adults with vascular cognitive impairment. <i>British Journal of Sports Medicine</i> , 2018, 52, 184-191.	6.7	92
15	Improvements to executive function during exercise training predict maintenance of physical activity over the following year. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 353.	2.0	88
16	Shared weight and dietary changes in parent-child dyads following family-based obesity treatment.. <i>Health Psychology</i> , 2016, 35, 92-95.	1.6	82
17	Cross-Sectional Relationships of Physical Activity and Sedentary Behavior With Cognitive Function in Older Adults With Probable Mild Cognitive Impairment. <i>Physical Therapy</i> , 2017, 97, 975-984.	2.4	80
18	Dose, Content, and Mediators of Family-Based Treatment for Childhood Obesity. <i>JAMA Pediatrics</i> , 2017, 171, 1151.	6.2	76

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19	Mobility predicts change in older adults's health-related quality of life: evidence from a Vancouver falls prevention prospective cohort study. <i>Health and Quality of Life Outcomes</i> , 2015, 13, 101.	2.4	66
20	Exergaming in Youth. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2013, 221, 72-78.	1.0	63
21	Physical activity for brain health in older adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 1105-1112.	1.9	60
22	Mobility and cognition are associated with wellbeing and health related quality of life among older adults: a cross-sectional analysis of the Vancouver Falls Prevention Cohort. <i>BMC Geriatrics</i> , 2015, 15, 75.	2.7	58
23	Sex Difference in Aerobic Exercise Efficacy to Improve Cognition in Older Adults with Vascular Cognitive Impairment: Secondary Analysis of a Randomized Controlled Trial. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1397-1410.	2.6	55
24	Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 423.	3.4	51
25	Efficacy of a Community-Based Technology-Enabled Physical Activity Counseling Program for People With Knee Osteoarthritis: Proof-of-Concept Study. <i>Journal of Medical Internet Research</i> , 2018, 20, e159.	4.3	48
26	Predictors of child weight loss and maintenance among family-based treatment completers. <i>Journal of Consulting and Clinical Psychology</i> , 2014, 82, 1140-1150.	2.0	43
27	Longitudinal Analysis of Physical Performance, Functional Status, Physical Activity, and Mood in Relation to Executive Function in Older Adults Who Fall. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 1112-1120.	2.6	42
28	Longitudinal changes in physical function and physical activity in older adults. <i>Age and Ageing</i> , 2018, 47, 558-564.	1.6	39
29	Long-term changes in time spent walking and subsequent cognitive and structural brain changes in older adults. <i>Neurobiology of Aging</i> , 2017, 57, 153-161.	3.1	38
30	Sleep and cognitive function in chronic stroke: a comparative cross-sectional study. <i>Sleep</i> , 2019, 42, .	1.1	36
31	The Effects of Computerized Cognitive Training With and Without Physical Exercise on Cognitive Function in Older Adults: An 8-Week Randomized Controlled Trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 755-763.	3.6	35
32	Slow Processing Speed Predicts Falls in Older Adults With a Falls History: 1-Year Prospective Cohort Study. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 916-923.	2.6	32
33	The Independent Associations of Physical Activity and Sleep with Cognitive Function in Older Adults. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1469-1484.	2.6	30
34	Effect of a Multimodal Lifestyle Intervention on Sleep and Cognitive Function in Older Adults with Probable Mild Cognitive Impairment and Poor Sleep: A Randomized Clinical Trial. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 179-193.	2.6	30
35	Larger Lateral Prefrontal Cortex Volume Predicts Better Exercise Adherence Among Older Women: Evidence From Two Exercise Training Studies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 804-810.	3.6	28
36	The effects of an 8-week computerized cognitive training program in older adults: a study protocol for a randomized controlled trial. <i>BMC Geriatrics</i> , 2018, 18, 31.	2.7	28

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37	Sex-Specific Relationship Between Long-Term Maintenance of Physical Activity and Cognition in the Health ABC Study: Potential Role of Hippocampal and Dorsolateral Prefrontal Cortex Volume. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 764-770.	3.6	28
38	Elevated body mass index and maintenance of cognitive function in late life: exploring underlying neural mechanisms. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 155.	3.4	27
39	The Impact of Aerobic Exercise on Fronto-Parietal Network Connectivity and Its Relation to Mobility: An Exploratory Analysis of a 6-Month Randomized Controlled Trial. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 344.	2.0	27
40	Mobility Is a Key Predictor of Change in Well-Being Among Older Adults Who Experience Falls: Evidence From the Vancouver Falls Prevention Clinic Cohort. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 1634-1640.	0.9	24
41	Examining the Inter-relations of Depression, Physical Function, and Cognition with Subjective Sleep Parameters among Stroke Survivors: A Cross-sectional Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2115-2123.	1.6	24
42	Functional Neural Correlates of Slower Gait Among Older Adults With Mild Cognitive Impairment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 513-518.	3.6	24
43	Longitudinal Associations Between Walking Speed and Amount of Self-reported Time Spent Walking Over a 9-Year Period in Older Women and Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1265-1271.	3.6	21
44	Sex-dependent effect of the BDNF Val66Met polymorphism on executive functioning and processing speed in older adults: evidence from the health ABC study. <i>Neurobiology of Aging</i> , 2019, 74, 161-170.	3.1	19
45	The Effect of Aerobic Exercise on White Matter Hyperintensity Progression May Vary by Sex. <i>Canadian Journal on Aging</i> , 2019, 38, 236-244.	1.1	18
46	Analysis of dynamic, bidirectional associations in older adult physical activity and sleep quality. <i>Journal of Sleep Research</i> , 2019, 28, e12769.	3.2	18
47	Are the EQ-5D-3L and the ICECAP-O responsive among older adults with impaired mobility? Evidence from the Vancouver Falls Prevention Cohort Study. <i>Quality of Life Research</i> , 2017, 26, 737-747.	3.1	17
48	Neurocognitive risk markers in pediatric obsessive-compulsive disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 605-613.	5.2	16
49	Examining the Effect of the Relationship Between Falls and Mild Cognitive Impairment on Mobility and Executive Functions in Community-Dwelling Older Adults. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 590-593.	2.6	15
50	Can we improve cognitive function among adults with osteoarthritis by increasing moderate-to-vigorous physical activity and reducing sedentary behaviour? Secondary analysis of the MONITOR-OA study. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 447.	1.9	15
51	Morphology of the prefrontal cortex predicts body composition in early adolescence: cognitive mediators and environmental moderators in the ABCD Study. <i>Social Cognitive and Affective Neuroscience</i> , 2023, 18, .	3.0	15
52	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.	1.9	14
53	Buying time: a proof-of-concept randomized controlled trial to improve sleep quality and cognitive function among older adults with mild cognitive impairment. <i>Trials</i> , 2018, 19, 445.	1.6	14
54	Prior Social Contact and Mental Health Trajectories during COVID-19: Neighborhood Friendship Protects Vulnerable Older Adults. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9999.	2.6	14

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55	Age and sex trends in depressive symptoms across middle and older adulthood: Comparison of the Canadian Longitudinal Study on Aging to American and European cohorts. <i>Journal of Affective Disorders</i> , 2021, 295, 1169-1176.	4.1	14
56	Increased Aerobic Fitness Is Associated with Cortical Thickness in Older Adults with Mild Vascular Cognitive Impairment. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2018, 2, 157-169.	1.6	13
57	Structural neural correlates of impaired mobility and subsequent decline in executive functions: a 12-month prospective study. <i>Experimental Gerontology</i> , 2016, 80, 27-35.	2.8	12
58	Head over heels but I forget why: Disruptive functional connectivity in older adult fallers with mild cognitive impairment. <i>Behavioural Brain Research</i> , 2019, 376, 112104.	2.2	12
59	Not Just for Joints: The Associations of Moderate-to-Vigorous Physical Activity and Sedentary Behavior with Brain Cortical Thickness. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2217-2223.	0.4	11
60	Environmental Influences on Life Satisfaction and Depressive Symptoms Among Older Adults With Multimorbidity: Path Analysis Through Loneliness in the Canadian Longitudinal Study on Aging. <i>Gerontologist</i> , The, 2022, 62, 855-864.	3.9	11
61	Exploring the effects of coexisting amyloid in subcortical vascular cognitive impairment. <i>BMC Neurology</i> , 2015, 15, 197.	1.8	9
62	Exercise is Medicine for the Aging Brain. <i>Kinesiology Review</i> , 2017, 6, 22-29.	0.6	8
63	Economic evaluation of aerobic exercise training in older adults with vascular cognitive impairment: PROMoTE trial. <i>BMJ Open</i> , 2017, 7, e014387.	1.9	8
64	Mindfulness-based skills training group for parents of obsessive-compulsive disorder-affected children: A caregiver-focused intervention. <i>Complementary Therapies in Clinical Practice</i> , 2020, 39, 101098.	1.7	8
65	Exercise, Processing Speed, and Subsequent Falls: A Secondary Analysis of a 12-Month Randomized Controlled Trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 675-682.	3.6	7
66	Morphometry of the lateral orbitofrontal cortex is associated with eating dispositions in early adolescence: findings from a large population-based study. <i>Social Cognitive and Affective Neuroscience</i> , 2023, 18, .	3.0	7
67	Physical fitness and age-related differences in cognition and cortical thickness in young adulthood.. <i>Developmental Psychology</i> , 2020, 56, 1984-1998.	1.6	7
68	Associations between cerebral amyloid and changes in cognitive function and falls risk in subcortical ischemic vascular cognitive impairment. <i>BMC Geriatrics</i> , 2017, 17, 133.	2.7	6
69	The Association Between Physical Performance and Executive Function in a Sample of Rural Older Adults from South Carolina, USA. <i>Experimental Aging Research</i> , 2017, 43, 192-205.	1.2	5
70	Revisiting the MotionWatch8®: Calibrating Cut-Points for Measuring Physical Activity and Sedentary Behavior Among Adults With Stroke. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 203.	3.4	5
71	Reshaping the path of vascular cognitive impairment with resistance training: a study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 217.	1.6	5
72	Associations Between Physical Fitness and Brain Structure in Young Adulthood. <i>Frontiers in Psychology</i> , 2020, 11, 608049.	2.1	4

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73	Test-based versus parent ratings of executive function in pediatric Obsessive-Compulsive Disorder. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2020, 24, 100495.	1.5	3
74	General and Eating Disorder Psychopathology in Relation to Short- and Long-Term Weight Change in Treatment-Seeking Children: A Latent Profile Analysis. <i>Annals of Behavioral Medicine</i> , 2021, 55, 698-704.	2.9	3
75	Severe symptoms predict salivary interleukin-6, interleukin-1 β , and tumor necrosis factor- α levels in children and youth with obsessive-compulsive disorder. <i>Journal of Psychosomatic Research</i> , 2022, 155, 110743.	2.6	3
76	Cardiometabolic risk, biological sex, and age do not share an interactive relationship with cognitive function: a cross-sectional analysis of the Canadian Longitudinal Study on Aging. <i>Applied Physiology, Nutrition and Metabolism</i> , 2022, 47, 405-414.	1.9	3
77	Walking for Cognitive Health: Previous Parity Moderates the Relationship Between Self-Reported Walking and Cognition. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2023, 78, 486-493.	3.6	3
78	The independent associations of physical activity and sleep with neural activity during an inhibitory task: cross-sectional results from the MONITOR study. <i>Journal of Sleep Research</i> , 2022, 31, .	3.2	3
79	Multimorbidity, COVID-19 and Mental Health: Canadian Longitudinal Study on Aging (CLSA) Longitudinal Analyses. <i>Clinical Gerontologist</i> , 2023, 46, 729-744.	2.2	3
80	Effects of Treatment Setting on Outcomes of Flexibly-Dosed Intensive Cognitive Behavioral Therapy for Pediatric OCD: A Randomized Controlled Pilot Trial. <i>Frontiers in Psychiatry</i> , 2021, 12, 669494.	2.6	2
81	Early increases in anti-SARS-CoV-2 antibody isotypes associated with organ dysfunction and mortality in patients hospitalized with COVID-19. <i>Intensive Care Medicine</i> , 2022, 48, 616-618.	8.2	2
82	Celecoxib versus placebo as an adjunct to treatment-as-usual in children and youth with obsessive-compulsive disorder: protocol for a single-site randomised quadruple-blind phase II study. <i>BMJ Open</i> , 2022, 12, e054296.	1.9	2
83	White Matter Volume Mediates the Relationship Between Self-Efficacy and Mobility in Older Women. <i>Experimental Aging Research</i> , 2016, 42, 460-470.	1.2	1
84	A 2-year physical activity program for sedentary older adults does not improve cognitive functioning more than a health education program [commentary]. <i>Journal of Physiotherapy</i> , 2016, 62, 115.	1.7	1
85	Psychosocial Determinants of Weight Loss Among Young Adults With Overweight and Obesity. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2018, 38, 104-110.	2.1	1
86	Family profiles in pediatric obsessive-compulsive disorder. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2020, 27, 100588.	1.5	1
87	Race and ethnicity in pediatric OCD: An exploratory study of a clinical North American sample. , 2020, 33, 4-17.		1
88	School and parent perspectives on symptomatology in pediatric obsessive-compulsive disorder (OCD). <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2022, 33, 100731.	1.5	1