John R Best

List of Publications by Year in descending order

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	Morphometry of the lateral orbitofrontal cortex is associated with eating dispositions in early adolescence: findings from a large population-based study. Social Cognitive and Affective Neuroscience, 2023, 18, .	3.0	7
2	Morphology of the prefrontal cortex predicts body composition in early adolescence: cognitive mediators and environmental moderators in the ABCD Study. Social Cognitive and Affective Neuroscience, 2023, 18, .	3.0	15
3	Walking for Cognitive Health: Previous Parity Moderates the Relationship Between Self-Reported Walking and Cognition. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2023, 78, 486-493.	3.6	3
4	Multimorbidity, COVID-19 and Mental Health: Canadian Longitudinal Study on Aging (CLSA) Longitudinal Analyses. Clinical Gerontologist, 2023, 46, 729-744.	2.2	3
5	Environmental Influences on Life Satisfaction and Depressive Symptoms Among Older Adults With Multimorbidity: Path Analysis Through Loneliness in the Canadian Longitudinal Study on Aging. Gerontologist, The, 2022, 62, 855-864.	3.9	11
6	Severe symptoms predict salivary interleukin-6, interleukin-1Î², and tumor necrosis factor-Î± levels in children and youth with obsessive-compulsive disorder. Journal of Psychosomatic Research, 2022, 155, 110743.	2.6	3
7	Early increases in anti-SARS-CoV-2 antibody isotypes associated with organ dysfunction and mortality in patients hospitalized with COVID-19. Intensive Care Medicine, 2022, 48, 616-618.	8.2	2
8	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. Applied Physiology, Nutrition and Metabolism, 2022, 47, 405-414.	1.9	3
9	Celecoxib versus placebo as an adjunct to treatment-as-usual in children and youth with obsessiveâ€“compulsive disorder: protocol for a single-site randomised quadruple-blind phase II study. BMJ Open, 2022, 12, e054296.	1.9	2
10	School and parent perspectives on symptomatology in pediatric obsessive-compulsive disorder (OCD). Journal of Obsessive-Compulsive and Related Disorders, 2022, 33, 100731.	1.5	1
11	The independent associations of physical activity and sleep with neural activity during an inhibitory task: crossâ€sectional results from the ‹scp›MONITORâ€OA‹/scp› study. Journal of Sleep Research, 2022, 31, .	3.2	3
12	General and Eating Disorder Psychopathology in Relation to Short- and Long-Term Weight Change in Treatment-Seeking Children: A Latent Profile Analysis. Annals of Behavioral Medicine, 2021, 55, 698-704.	2.9	3
13	Exercise, Processing Speed, and Subsequent Falls: A Secondary Analysis of a 12-Month Randomized Controlled Trial. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 675-682.	3.6	7
14	Reshaping the path of vascular cognitive impairment with resistance training: a study protocol for a randomized controlled trial. Trials, 2021, 22, 217.	1.6	5
15	Effects of Treatment Setting on Outcomes of Flexibly-Dosed Intensive Cognitive Behavioral Therapy for Pediatric OCD: A Randomized Controlled Pilot Trial. Frontiers in Psychiatry, 2021, 12, 669494.	2.6	2
16	Prior Social Contact and Mental Health Trajectories during COVID-19: Neighborhood Friendship Protects Vulnerable Older Adults. International Journal of Environmental Research and Public Health, 2021, 18, 9999.	2.6	14
17	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. Journal of Affective Disorders, 2021, 295, 1169-1176.	4.1	14
18	The Effects of Computerized Cognitive Training With and Without Physical Exercise on Cognitive Function in Older Adults: An 8-Week Randomized Controlled Trial. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 755-763.	3.6	35

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19	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. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 764-770.	3.6	28
20	Test-based versus parent ratings of executive function in pediatric Obsessive-Compulsive Disorder. Journal of Obsessive-Compulsive and Related Disorders, 2020, 24, 100495.	1.5	3
21	Neurocognitive risk markers in pediatric obsessiveâ€“compulsive disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2020, 61, 605-613.	5.2	16
22	Family profiles in pediatric obsessive-compulsive disorder. Journal of Obsessive-Compulsive and Related Disorders, 2020, 27, 100588.	1.5	1
23	Associations Between Physical Fitness and Brain Structure in Young Adulthood. Frontiers in Psychology, 2020, 11, 608049.	2.1	4
24	Not Just for Joints: The Associations of Moderate-to-Vigorous Physical Activity and Sedentary Behavior with Brain Cortical Thickness. Medicine and Science in Sports and Exercise, 2020, 52, 2217-2223.	0.4	11
25	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. Journal of Alzheimer's Disease, 2020, 76, 179-193.	2.6	30
26	Mindfulness-based skills training group for parents of obsessive-compulsive disorder-affected children: A caregiver-focused intervention. Complementary Therapies in Clinical Practice, 2020, 39, 101098.	1.7	8
27	Physical fitness and age-related differences in cognition and cortical thickness in young adulthood.. Developmental Psychology, 2020, 56, 1984-1998.	1.6	7
28	Race and ethnicity in pediatric OCD: An exploratory study of a clinical North American sample. , 2020, 33, 4-17.		1
29	Head over heels but I forget why: Disruptive functional connectivity in older adult fallers with mild cognitive impairment. Behavioural Brain Research, 2019, 376, 112104.	2.2	12
30	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 metaâ€analysis. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 730-743.	2.4	100
31	Examining the Inter-relations of Depression, Physical Function, and Cognition with Subjective Sleep Parameters among Stroke Survivors: A Cross-sectional Analysis. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 2115-2123.	1.6	24
32	Effect of a Home-Based Exercise Program on Subsequent Falls Among Community-Dwelling High-Risk Older Adults After a Fall. JAMA - Journal of the American Medical Association, 2019, 321, 2092.	7.4	150
33	Impact of exercise training on physical and cognitive function among older adults: a systematic review and meta-analysis. Neurobiology of Aging, 2019, 79, 119-130.	3.1	236
34	The Effect of Aerobic Exercise on White Matter Hyperintensity Progression May Vary by Sex. Canadian Journal on Aging, 2019, 38, 236-244.	1.1	18
35	Sleep and cognitive function in chronic stroke: a comparative cross-sectional study. Sleep, 2019, 42, .	1.1	36
36	Revisiting the MotionWatch8Â©: Calibrating Cut-Points for Measuring Physical Activity and Sedentary Behavior Among Adults With Stroke. Frontiers in Aging Neuroscience, 2019, 11, 203.	3.4	5

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37	Analysis of dynamic, bidirectional associations in older adult physical activity and sleep quality. Journal of Sleep Research, 2019, 28, e12769.	3.2	18
38	Sex-dependent effect of the BDNF Val66Met polymorphism on executive functioning and processing speed in older adults: evidence from the health ABC study. Neurobiology of Aging, 2019, 74, 161-170.	3.1	19
39	Functional Neural Correlates of Slower Gait Among Older Adults With Mild Cognitive Impairment. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 513-518.	3.6	24
40	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. BMJ Open, 2018, 8, e021490.	1.9	14
41	Longitudinal changes in physical function and physical activity in older adults. Age and Ageing, 2018, 47, 558-564.	1.6	39
42	Aerobic exercise promotes executive functions and impacts functional neural activity among older adults with vascular cognitive impairment. British Journal of Sports Medicine, 2018, 52, 184-191.	6.7	92
43	Longitudinal Associations Between Walking Speed and Amount of Self-reported Time Spent Walking Over a 9-Year Period in Older Women and Men. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1265-1271.	3.6	21
44	Psychosocial Determinants of Weight Loss Among Young Adults With Overweight and Obesity. Journal of Cardiopulmonary Rehabilitation and Prevention, 2018, 38, 104-110.	2.1	1
45	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. BMC Musculoskeletal Disorders, 2018, 19, 447.	1.9	15
46	Physical activity for brain health in older adults. Applied Physiology, Nutrition and Metabolism, 2018, 43, 1105-1112.	1.9	60
47	The Independent Associations of Physical Activity and Sleep with Cognitive Function in Older Adults. Journal of Alzheimer's Disease, 2018, 63, 1469-1484.	2.6	30
48	The effects of an 8-week computerized cognitive training program in older adults: a study protocol for a randomized controlled trial. BMC Geriatrics, 2018, 18, 31.	2.7	28
49	Increased Aerobic Fitness Is Associated with Cortical Thickness in Older Adults with Mild Vascular Cognitive Impairment. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2018, 2, 157-169.	1.6	13
50	Buying time: a proof-of-concept randomized controlled trial to improve sleep quality and cognitive function among older adults with mild cognitive impairment. Trials, 2018, 19, 445.	1.6	14
51	Efficacy of a Community-Based Technology-Enabled Physical Activity Counseling Program for People With Knee Osteoarthritis: Proof-of-Concept Study. Journal of Medical Internet Research, 2018, 20, e159.	4.3	48
52	The Association Between Physical Performance and Executive Function in a Sample of Rural Older Adults from South Carolina, USA. Experimental Aging Research, 2017, 43, 192-205.	1.2	5
53	Exercise is Medicine for the Aging Brain. Kinesiology Review, 2017, 6, 22-29.	0.6	8
54	Long-term changes in time spent walking and subsequent cognitive and structural brain changes in older adults. Neurobiology of Aging, 2017, 57, 153-161.	3.1	38

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55	Economic evaluation of aerobic exercise training in older adults with vascular cognitive impairment: PROMoTE trial. BMJ Open, 2017, 7, e014387.	1.9	8
56	Larger Lateral Prefrontal Cortex Volume Predicts Better Exercise Adherence Among Older Women: Evidence From Two Exercise Training Studies. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 804-810.	3.6	28
57	Slow Processing Speed Predicts Falls in Older Adults With a Falls History: 1â€Year Prospective Cohort Study. Journal of the American Geriatrics Society, 2017, 65, 916-923.	2.6	32
58	Are the EQ-5D-3L and the ICECAP-O responsive among older adults with impaired mobility? Evidence from the Vancouver Falls Prevention Cohort Study. Quality of Life Research, 2017, 26, 737-747.	3.1	17
59	Dose, Content, and Mediators of Family-Based Treatment for Childhood Obesity. JAMA Pediatrics, 2017, 171, 1151.	6.2	76
60	Sex Difference in Aerobic Exercise Efficacy to Improve Cognition in Older Adults with Vascular Cognitive Impairment: Secondary Analysis of a Randomized Controlled Trial. Journal of Alzheimer's Disease, 2017, 60, 1397-1410.	2.6	55
61	Cross-Sectional Relationships of Physical Activity and Sedentary Behavior With Cognitive Function in Older Adults With Probable Mild Cognitive Impairment. Physical Therapy, 2017, 97, 975-984.	2.4	80
62	Associations between cerebral amyloid and changes in cognitive function and falls risk in subcortical ischemic vascular cognitive impairment. BMC Geriatrics, 2017, 17, 133.	2.7	6
63	Resting State Default Mode Network Connectivity, Dual Task Performance, Gait Speed, and Postural Sway in Older Adults with Mild Cognitive Impairment. Frontiers in Aging Neuroscience, 2017, 9, 423.	3.4	51
64	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. Frontiers in Human Neuroscience, 2017, 11, 344.	2.0	27
65	White Matter Volume Mediates the Relationship Between Self-Efficacy and Mobility in Older Women. Experimental Aging Research, 2016, 42, 460-470.	1.2	1
66	Structural neural correlates of impaired mobility and subsequent decline in executive functions: a 12-month prospective study. Experimental Gerontology, 2016, 80, 27-35.	2.8	12
67	An Evaluation of the Longitudinal, Bidirectional Associations Between Gait Speed and Cognition in Older Women and Men. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1616-1623.	3.6	99
68	Shared weight and dietary changes in parentâ€“child dyads following family-based obesity treatment.. Health Psychology, 2016, 35, 92-95.	1.6	82
69	Aerobic exercise and vascular cognitive impairment. Neurology, 2016, 87, 2082-2090.	1.1	104
70	A 2-year physical activity program for sedentary older adults does not improve cognitive functioning more than a health education program [commentary]. Journal of Physiotherapy, 2016, 62, 115.	1.7	1
71	Long-Term Effects of Resistance Exercise Training on Cognition and Brain Volume in Older Women: Results from a Randomized Controlled Trial. Journal of the International Neuropsychological Society, 2015, 21, 745-756.	1.8	139
72	Mobility predicts change in older adultsâ€™ health-related quality of life: evidence from a Vancouver falls prevention prospective cohort study. Health and Quality of Life Outcomes, 2015, 13, 101.	2.4	66

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73	Exploring the effects of coexisting amyloid in subcortical vascular cognitive impairment. BMC Neurology, 2015, 15, 197.	1.8	9
74	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. BMC Geriatrics, 2015, 15, 75.	2.7	58
75	Longitudinal Analysis of Physical Performance, Functional Status, Physical Activity, and Mood in Relation to Executive Function in Older Adults Who Fall. Journal of the American Geriatrics Society, 2015, 63, 1112-1120.	2.6	42
76	Elevated body mass index and maintenance of cognitive function in late life: exploring underlying neural mechanisms. Frontiers in Aging Neuroscience, 2015, 7, 155.	3.4	27
77	Measuring sleep quality in older adults: a comparison using subjective and objective methods. Frontiers in Aging Neuroscience, 2015, 7, 166.	3.4	318
78	Mobility Is a Key Predictor of Change in Well-Being Among Older Adults Who Experience Falls: Evidence From the Vancouver Falls Prevention Clinic Cohort. Archives of Physical Medicine and Rehabilitation, 2015, 96, 1634-1640.	0.9	24
79	Examining the Effect of the Relationship Between Falls and Mild Cognitive Impairment on Mobility and Executive Functions in Communityâ€Dwelling Older Adults. Journal of the American Geriatrics Society, 2015, 63, 590-593.	2.6	15
80	Improvements to executive function during exercise training predict maintenance of physical activity over the following year. Frontiers in Human Neuroscience, 2014, 8, 353.	2.0	88
81	Predictors of child weight loss and maintenance among family-based treatment completers.. Journal of Consulting and Clinical Psychology, 2014, 82, 1140-1150.	2.0	43
82	Exergaming in Youth. Zeitschrift Fur Psychologie / Journal of Psychology, 2013, 221, 72-78.	1.0	63
83	Behavioral economic predictors of overweight children's weight loss.. Journal of Consulting and Clinical Psychology, 2012, 80, 1086-1096.	2.0	112
84	Exergaming immediately enhances children's executive function.. Developmental Psychology, 2012, 48, 1501-1510.	1.6	156
85	Relations between executive function and academic achievement from ages 5 to 17 in a large, representative national sample. Learning and Individual Differences, 2011, 21, 327-336.	2.7	886
86	Effects of physical activity on childrenâ€™s executive function: Contributions of experimental research on aerobic exercise. Developmental Review, 2010, 30, 331-351.	4.7	661
87	A Developmental Perspective on Executive Function. Child Development, 2010, 81, 1641-1660.	3.0	1,635
88	Executive functions after age 5: Changes and correlates. Developmental Review, 2009, 29, 180-200.	4.7	651