Arthur F Kramer

List of Publications by Year
in descending order

493 papers	57,872 citations	1163 111 h-index	1310 224 g-index
509 all docs	509 docs citations	509 times ranked	34074 citing authors

#	Article	IF	Citations
1	Trained athletes and cognitive function: a systematic review and meta-analysis. International Journal of Sport and Exercise Psychology, 2023, 21, 725-749.	1.1	6
2	Resting state functional connectivity provides mechanistic predictions of future changes in sedentary behavior. Scientific Reports, 2022, 12, 940.	1.6	7
3	Better Subjective Sleep Quality Partly Explains the Association Between Self-Reported Physical Activity and Better Cognitive Function. Journal of Alzheimer's Disease, 2022, 87, 919-931.	1.2	7
4	Neurobehavioral mechanisms underlying the effects of physical exercise break on episodic memory during prolonged sitting. Complementary Therapies in Clinical Practice, 2022, 48, 101553.	0.7	7
5	Aerobic Fitness, B-Vitamins, and Weight Status Are Related to Selective Attention in Children. Nutrients, 2022, 14, 201.	1.7	1
6	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
7	Physical Exercise Training Effect and Mediation Through Cardiorespiratory Fitness on Dual-Task Performances Differ in Youngerâ€“Old and Olderâ€“Old Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, 219-228.	2.4	30
8	A pilot feasibility randomized controlled trial adding behavioral counseling to supervised physical activity in prostate cancer survivors: behavior change in prostate cancer survivors trial (BOOST). Journal of Behavioral Medicine, 2021, 44, 172-186.	1.1	8
9	Associations of sleep with gray matter volume and their implications for academic achievement, executive function and intelligence in children with overweight/obesity. Pediatric Obesity, 2021, 16, e12707.	1.4	11
10	Physical fitness, hippocampal functional connectivity and academic performance in children with overweight/obesity: The ActiveBrains project. Brain, Behavior, and Immunity, 2021, 91, 284-295.	2.0	28
11	Physical fitness and brain source localization during a working memory task in children with overweight/obesity: The ActiveBrains project. Developmental Science, 2021, 24, e13048.	1.3	5
12	The differential relationship of an afterschool physical activity intervention on brain function and cognition in children with obesity and their normal weight peers. Pediatric Obesity, 2021, 16, e12708.	1.4	19
13	Sympathetic Nervous System and Exercise Affects Cognition in Youth (SNEACY): study protocol for a randomized crossover trial. Trials, 2021, 22, 154.	0.7	2
14	Can a Theater Acting Intervention Enhance Inhibitory Control in Older Adults? A Brain-Behavior Investigation. Frontiers in Human Neuroscience, 2021, 15, 583220.	1.0	1
15	Relationships Between Enriching Early-Life Experiences and Cognitive Function Later in Life Are Mediated by Educational Attainment. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2021, 5, 449-458.	0.8	8
16	Brain Structure, Cardiorespiratory Fitness, and Executive Control Changes after a 9-Week Exercise Intervention in Young Adults: A Randomized Controlled Trial. Life, 2021, 11, 292.	1.1	13
17	Age-related effects on a novel dual-task Stroop paradigm. PLoS ONE, 2021, 16, e0247923.	1.1	1
18	How to Better Study the Associations Between Physical Activity, Exercise, and Cognitive and Brain Health. JAMA Network Open, 2021, 4, e215153.	2.8	4

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19	Cognitive benefits of exercise interventions: an fMRI activation likelihood estimation meta-analysis. Brain Structure and Function, 2021, 226, 601-619.	1.2	49
20	Physical Activity and Inhibitory Control: The Mediating Role of Sleep Quality and Sleep Efficiency. Brain Sciences, 2021, 11, 664.	1.1	17
21	Single Nucleotide Polymorphisms in CD36 Are Associated with Macular Pigment among Children. Journal of Nutrition, 2021, 151, 2533-2540.	1.3	6
22	Estimating the financial costs associated with a phase III, multi-site exercise intervention trial: Investigating Gains in Neurocognition in an Intervention Trial of Exercise (IGNITE). Contemporary Clinical Trials, 2021, 105, 106401.	0.8	3
23	Brain network modularity predicts changes in cortical thickness in children involved in a physical activity intervention. Psychophysiology, 2021, 58, e13890.	1.2	9
24	Higher Handgrip Strength Is Linked to Better Cognitive Performance in Chinese Adults with Hypertension. Brain Sciences, 2021, 11, 985.	1.1	10
25	The Daily Activity Study of Health (DASH): A pilot randomized controlled trial to enhance physical activity in sedentary older adults. Contemporary Clinical Trials, 2021, 106, 106405.	0.8	1
26	Enriching activities during childhood are associated with variations in functional connectivity patterns later in life. Neurobiology of Aging, 2021, 104, 92-101.	1.5	15
27	Training detection of camouflaged targets in natural scenes: Backgrounds and targets both matter. Acta Psychologica, 2021, 219, 103394.	0.7	1
28	Acute exercise effects on inhibitory control and the pupillary response in young adults. International Journal of Psychophysiology, 2021, 170, 218-228.	0.5	13
29	White matter plasticity in healthy older adults: The effects of aerobic exercise. NeuroImage, 2021, 239, 118305.	2.1	41
30	Musical Training and Brain Volume in Older Adults. Brain Sciences, 2021, 11, 50.	1.1	30
31	OUP accepted manuscript. Brain Communications, 2021, 3, fcab228.	1.5	1
32	Individual differences in the neurobiology of fluid intelligence predict responsiveness to training: Evidence from a comprehensive cognitive, mindfulness meditation, and aerobic exercise intervention. Trends in Neuroscience and Education, 2020, 18, 100123.	1.5	14
33	Physical Activity, Sleep and Quality of Life in Older Adults: Influence of Physical, Mental and Social Well-being. Behavioral Sleep Medicine, 2020, 18, 797-808.	1.1	47
34	Skeletal Effects of Nine Months of Physical Activity in Obese and Healthy Weight Children. Medicine and Science in Sports and Exercise, 2020, 52, 434-440.	0.2	7
35	Adiposity is related to neuroelectric indices of motor response preparation in preadolescent children. International Journal of Psychophysiology, 2020, 147, 176-183.	0.5	6
36	Brain Network Modularity Predicts Improvements in Cognitive and Scholastic Performance in Children Involved in a Physical Activity Intervention. Frontiers in Human Neuroscience, 2020, 14, 346.	1.0	20

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37	The IGNITE trial: Participant recruitment lessons prior to SARS-CoV-2. Contemporary Clinical Trials Communications, 2020, 20, 100666.	0.5	5
38	Occupational Physical Stress Is Negatively Associated With Hippocampal Volume and Memory in Older Adults. Frontiers in Human Neuroscience, 2020, 14, 266.	1.0	12
39	Dose-Response Effects of Acute Aerobic Exercise Duration on Cognitive Function in Patients With Breast Cancer: A Randomized Crossover Trial. Frontiers in Psychology, 2020, 11, 1500.	1.1	6
40	Resting-State Functional Connectivity and Scholastic Performance in Preadolescent Children: A Data-Driven Multivoxel Pattern Analysis (MVPA). Journal of Clinical Medicine, 2020, 9, 3198.	1.0	11
41	Standardâ€space atlas of the viscoelastic properties of the human brain. Human Brain Mapping, 2020, 41, 5282-5300.	1.9	48
42	Greater childhood cardiorespiratory fitness is associated with better topâ€down cognitive control: A midfrontal theta oscillation study. Psychophysiology, 2020, 57, e13678.	1.2	8
43	Opposing associations between sedentary time and decision-making competence in young adults revealed by functional connectivity in the dorsal attention network. Scientific Reports, 2020, 10, 13993.	1.6	5
44	Mini-Basketball Training Program Improves Social Communication and White Matter Integrity in Children with Autism. Brain Sciences, 2020, 10, 803.	1.1	27
45	Regular Tai Chi Practice Is Associated With Improved Memory as Well as Structural and Functional Alterations of the Hippocampus in the Elderly. Frontiers in Aging Neuroscience, 2020, 12, 586770.	1.7	25
46	The role of BMI on cognition following acute physical activity in preadolescent children. Trends in Neuroscience and Education, 2020, 21, 100143.	1.5	3
47	Combined and Isolated Effects of Acute Exercise and Brain Stimulation on Executive Function in Healthy Young Adults. Journal of Clinical Medicine, 2020, 9, 1410.	1.0	8
48	Influence of sitting behaviors on sleep disturbance and memory impairment in breast cancer survivors. Cancer Medicine, 2020, 9, 3417-3424.	1.3	9
49	Mindfulness and Attention: Current State-of-Affairs and Future Considerations. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2020, 4, 340-367.	0.8	18
50	Body mass and cardiorespiratory fitness are associated with altered brain metabolism. Metabolic Brain Disease, 2020, 35, 999-1007.	1.4	2
51	Differences in Brain Volume between Metabolically Healthy and Unhealthy Overweight and Obese Children: The Role of Fitness. Journal of Clinical Medicine, 2020, 9, 1059.	1.0	9
52	Association of Sedentary Behavior with Brain Structure and Intelligence in Children with Overweight or Obesity: The ActiveBrains Project. Journal of Clinical Medicine, 2020, 9, 1101.	1.0	24
53	Differences in cognition and physical activity in younger vs older breast cancer survivors. Psycho-Oncology, 2020, 29, 1228-1231.	1.0	1
54	Sensor-measured sedentariness and physical activity are differentially related to fluid and crystallized abilities in aging.. Psychology and Aging, 2020, 35, 1154-1169.	1.4	12

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55	Enhanced decision-making through multimodal training. Npj Science of Learning, 2019, 4, 11.	1.5	18
56	Building the multitasking brain: An integrated perspective on functional brain activation during task-switching and dual-tasking. Neuropsychologia, 2019, 132, 107149.	0.7	8
57	Higher striatal D2-receptor availability in aerobically fit older adults but non-selective intervention effects after aerobic versus resistance training. NeuroImage, 2019, 202, 116044.	2.1	15
58	Early life factors, gray matter brain volume and academic performance in overweight/obese children: The ActiveBrains project. NeuroImage, 2019, 202, 116130.	2.1	10
59	Investigating Gains in Neurocognition in an Intervention Trial of Exercise (IGNITE): Protocol. Contemporary Clinical Trials, 2019, 85, 105832.	0.8	26
60	Brain network modularity predicts cognitive training-related gains in young adults. Neuropsychologia, 2019, 131, 205-215.	0.7	29
61	Musical Instrument Practice Predicts White Matter Microstructure and Cognitive Abilities in Childhood. Frontiers in Psychology, 2019, 10, 1198.	1.1	11
62	Cognitive and neural architecture of decision making competence. NeuroImage, 2019, 199, 172-183.	2.1	10
63	Acute aerobic exercise effects on cognitive function in breast cancer survivors: a randomized crossover trial. BMC Cancer, 2019, 19, 371.	1.1	27
64	Voluntary Saccade Training Protocol in Persons With Parkinsonâ€™s Disease and Healthy Adults. Frontiers in Aging Neuroscience, 2019, 11, 77.	1.7	3
65	Cognitive Frailty and Mortality in a National Cohort of Older Adults: the Role of Physical Activity. Mayo Clinic Proceedings, 2019, 94, 1180-1189.	1.4	39
66	Physical Fitness, White Matter Volume and Academic Performance in Children: Findings From the ActiveBrains and FITKids2 Projects. Frontiers in Psychology, 2019, 10, 208.	1.1	49
67	Copenhagen Consensus statement 2019: physical activity and ageing. British Journal of Sports Medicine, 2019, 53, 856-858.	3.1	145
68	Moving fast, thinking fast: The relations of physical activity levels and bouts to neuroelectric indices of inhibitory control in preadolescents. Journal of Sport and Health Science, 2019, 8, 301-314.	3.3	22
69	Individual differences in analogical reasoning revealed by multivariate task-based functional brain imaging. NeuroImage, 2019, 184, 993-1004.	2.1	13
70	Fitness, cortical thickness and surface area in overweight/obese children: The mediating role of body composition and relationship with intelligence. NeuroImage, 2019, 186, 771-781.	2.1	36
71	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2019, 3, 2-29.	0.8	149
72	Relations between mode of birth delivery and timing of developmental milestones and adiposity in preadolescence: A retrospective study. Early Human Development, 2019, 129, 52-59.	0.8	16

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73	Nutritional supplementation boosts aerobic exercise effects on functional brain systems. Journal of Applied Physiology, 2019, 126, 77-87.	1.2	25
74	On mindful and mindless physical activity and executive function: A response to Diamond and Ling (2016). Developmental Cognitive Neuroscience, 2019, 37, 100529.	1.9	39
75	A Large-Scale Reanalysis of Childhood Fitness and Inhibitory Control. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2018, 2, 170-192.	0.8	27
76	Double dissociation of structure-function relationships in memory and fluid intelligence observed with magnetic resonance elastography. NeuroImage, 2018, 171, 99-106.	2.1	31
77	Older Adult Multitasking Performance Using a Gaze-Contingent Useful Field of View. Human Factors, 2018, 60, 236-247.	2.1	7
78	The Negative Influence of Adiposity Extends to Intraindividual Variability in Cognitive Control Among Preadolescent Children. Obesity, 2018, 26, 405-411.	1.5	17
79	Fitness Effects on the Cognitive Function of Older Adults: A Meta-Analytic Studyâ€"Revisited. Perspectives on Psychological Science, 2018, 13, 213-217.	5.2	207
80	Macular pigment optical density is positively associated with academic performance among preadolescent children. Nutritional Neuroscience, 2018, 21, 632-640.	1.5	33
81	Aerobic Fitness Explains Individual Differences in the Functional Brain Connectome of Healthy Young Adults. Cerebral Cortex, 2018, 28, 3600-3609.	1.6	49
82	Effects of the FITKids physical activity randomized controlled trial on conflict monitoring in youth. Psychophysiology, 2018, 55, e13017.	1.2	26
83	Role of Brain Structure in Predicting Adherence to a Physical Activity Regimen. Psychosomatic Medicine, 2018, 80, 69-77.	1.3	21
84	Multi-modal fitness and cognitive training to enhance fluid intelligence. Intelligence, 2018, 66, 32-43.	1.6	27
85	Discovery and visualization of structural biomarkers from MRI using transport-based morphometry. NeuroImage, 2018, 167, 256-275.	2.1	21
86	Physical Activity Increases White Matter Microstructure in Children. Frontiers in Neuroscience, 2018, 12, 950.	1.4	78
87	Relational memory is associated with academic achievement in preadolescent children. Trends in Neuroscience and Education, 2018, 13, 8-16.	1.5	5
88	The cortical structure of functional networks associated with age-related cognitive abilities in older adults. PLoS ONE, 2018, 13, e0204280.	1.1	7
89	Community-Based Activity and Sedentary Patterns Are Associated With Cognitive Performance in Mobility-Limited Older Adults. Frontiers in Aging Neuroscience, 2018, 10, 341.	1.7	15
90	The interactive Physical and Cognitive Exercise System (iPACES™): effects of a 3-month in-home pilot clinical trial for mild cognitive impairment and caregivers. Clinical Interventions in Aging, 2018, Volume 13, 1565-1577.	1.3	25

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91	The Enhanced Interactive Physical and Cognitive Exercise System (iPACESTM v2.0): Pilot Clinical Trial of an In-Home iPad-Based Neuro-Exergame for Mild Cognitive Impairment (MCI). Journal of Clinical Medicine, 2018, 7, 249.	1.0	26
92	Associations Between Aerobic Fitness and Cognitive Control in Adolescents. Frontiers in Psychology, 2018, 9, 1298.	1.1	51
93	Mindfulness training induces structural connectome changes in insula networks. Scientific Reports, 2018, 8, 7929.	1.6	37
94	Replacing sedentary time with physical activity or sleep: effects on cancer-related cognitive impairment in breast cancer survivors. BMC Cancer, 2018, 18, 685.	1.1	19
95	The Aerobic and Cognitive Exercise Study (ACES) for Community-Dwelling Older Adults With or At-Risk for Mild Cognitive Impairment (MCI): Neuropsychological, Neurobiological and Neuroimaging Outcomes of a Randomized Clinical Trial. Frontiers in Aging Neuroscience, 2018, 10, 76.	1.7	120
96	Commentary: At least eighty percent of brain grey matter is modifiable by physical activity: a review study. Frontiers in Human Neuroscience, 2018, 12, 195.	1.0	5
97	Effects of physical activity on psychological wellâ€being outcomes in breast cancer survivors from prediagnosis to posttreatment survivorship. Psycho-Oncology, 2018, 27, 1987-1994.	1.0	13
98	The Associations between Adiposity, Cognitive Function, and Achievement in Children. Medicine and Science in Sports and Exercise, 2018, 50, 1868-1874.	0.2	29
99	PTSD symptoms and overt attention to contextualized emotional faces: Evidence from eye tracking. Psychiatry Research, 2018, 269, 408-413.	1.7	11
100	Scholastic performance and functional connectivity of brain networks in children. PLoS ONE, 2018, 13, e0190073.	1.1	26
101	Editorial Special Topic: Enhancing Brain and Cognition via Physical Exercise. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2018, 2, 135-136.	0.8	4
102	Multivariate Associations of Fluid Intelligence and NAA. Cerebral Cortex, 2017, 27, bhw070.	1.6	23
103	Magnetic susceptibility-induced echo-time shifts: Is there a bias in age-related fMRI studies?. Journal of Magnetic Resonance Imaging, 2017, 45, 207-214.	1.9	5
104	Effectiveness of a 16-Week High-Intensity Cardioresistance Training Program in Adults. Journal of Strength and Conditioning Research, 2017, 31, 2528-2541.	1.0	18
105	Effects of a randomized exercise trial on physical activity, psychological distress and quality of life in older adults. General Hospital Psychiatry, 2017, 49, 44-50.	1.2	85
106	From neuro-pigments to neural efficiency: The relationship between retinal carotenoids and behavioral and neuroelectric indices of cognitive control in childhood. International Journal of Psychophysiology, 2017, 118, 1-8.	0.5	48
107	Obesity, Visceral Adipose Tissue, and Cognitive Function in Childhood. Journal of Pediatrics, 2017, 187, 134-140.e3.	0.9	27
108	Aerobic fitness, hippocampal viscoelasticity, and relational memory performance. NeuroImage, 2017, 153, 179-188.	2.1	87

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109	Macular Carotenoids, Aerobic Fitness, and Central Adiposity Are Associated Differentially with Hippocampal-Dependent Relational Memory in Preadolescent Children. Journal of Pediatrics, 2017, 183, 108-114.e1.	0.9	20
110	Differences in Brain Architecture in Remote Mild Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 3280-3287.	1.7	32
111	The effects of physical activity and fatigue on cognitive performance in breast cancer survivors. Breast Cancer Research and Treatment, 2017, 165, 699-707.	1.1	41
112	Integrated Social- and Neurocognitive Model of Physical Activity Behavior in Older Adults with Metabolic Disease. Annals of Behavioral Medicine, 2017, 51, 272-281.	1.7	15
113	Hatha Yoga Practice Improves Attention and Processing Speed in Older Adults: Results from an 8-Week Randomized Control Trial. Journal of Alternative and Complementary Medicine, 2017, 23, 35-40.	2.1	37
114	Replacing sedentary time with sleep, light, or moderate-to-vigorous physical activity: effects on self-regulation and executive functioning. Journal of Behavioral Medicine, 2017, 40, 332-342.	1.1	72
115	Neuropsychological Benefits of Neuro-Exergaming for Older Adults: A Pilot Study of an Interactive Physical and Cognitive Exercise System (iPACES). Journal of Aging and Physical Activity, 2017, 25, 73-83.	0.5	39
116	Examining the Roles of Reasoning and Working Memory in Predicting Casual Game Performance across Extended Gameplay. Frontiers in Psychology, 2017, 8, 203.	1.1	8
117	White Matter Integrity Declined Over 6-Months, but Dance Intervention Improved Integrity of the Fornix of Older Adults. Frontiers in Aging Neuroscience, 2017, 9, 59.	1.7	111
118	Regional Brain Volumes Moderate, but Do Not Mediate, the Effects of Group-Based Exercise Training on Reductions in Loneliness in Older Adults. Frontiers in Aging Neuroscience, 2017, 9, 110.	1.7	51
119	Active Experiencing Training Improves Episodic Memory Recall in Older Adults. Frontiers in Aging Neuroscience, 2017, 9, 133.	1.7	15
120	The Dancing Brain: Structural and Functional Signatures of Expert Dance Training. Frontiers in Human Neuroscience, 2017, 11, 566.	1.0	56
121	Differential Effects of Carbohydrates on Behavioral and Neuroelectric Indices of Selective Attention in Preadolescent Children. Frontiers in Human Neuroscience, 2017, 11, 614.	1.0	5
122	Effects of Gait Self-Efficacy and Lower-Extremity Physical Function on Dual-Task Performance in Older Adults. BioMed Research International, 2017, 2017, 1-10.	0.9	11
123	Acute Exercise and Neurocognitive Development in Preadolescents and Young Adults: An ERP Study. Neural Plasticity, 2017, 2017, 1-13.	1.0	29
124	Brain Network Modularity Predicts Exercise-Related Executive Function Gains in Older Adults. Frontiers in Aging Neuroscience, 2017, 9, 426.	1.7	83
125	Into the Woods: Characterizing and Training Detection of Camouflaged Targets in Natural Scenes. Journal of Vision, 2017, 17, 85.	0.1	0
126	Impairing the useful field of view in natural scenes: Tunnel vision versus general interference. Journal of Vision, 2016, 16, 7.	0.1	128

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127	Contamination by an Active Control Condition in a Randomized Exercise Trial. PLoS ONE, 2016, 11, e0164246.	1.1	17
128	Aerobic fitness is associated with greater hippocampal cerebral blood flow in children. Developmental Cognitive Neuroscience, 2016, 20, 52-58.	1.9	72
129	Relational memory and self-efficacy measures reveal distinct profiles of subjective memory concerns in older adults.. Neuropsychology, 2016, 30, 568-578.	1.0	13
130	Circulating progenitor cells are positively associated with cognitive function among overweight/obese children. Brain, Behavior, and Immunity, 2016, 57, 47-52.	2.0	9
131	Cognitive and anatomical data in a healthy cohort of adults. Data in Brief, 2016, 7, 1221-1227.	0.5	1
132	Measuring the Useful Field of View During Simulated Driving With Gaze-Contingent Displays. Human Factors, 2016, 58, 630-641.	2.1	29
133	Cognitive change is more positively associated with an active lifestyle than with training interventions in older adults at risk of dementia: a controlled interventional clinical trial. BMC Psychiatry, 2016, 16, 315.	1.1	43
134	Exercise Mode Moderates the Relationship Between Mobility and Basal Ganglia Volume in Healthy Older Adults. Journal of the American Geriatrics Society, 2016, 64, 102-108.	1.3	13
135	Subjective memory impairment and wellâ€being in communityâ€dwelling older adults. Psychogeriatrics, 2016, 16, 20-26.	0.6	36
136	Aerobic Fitness and Context Processing in Preadolescent Children. Journal of Physical Activity and Health, 2016, 13, 94-101.	1.0	9
137	Dissociable brain biomarkers of fluid intelligence. NeuroImage, 2016, 137, 201-211.	2.1	42
138	Underlying sources of cognitive-anatomical variation in multi-modal neuroimaging and cognitive testing. NeuroImage, 2016, 129, 439-449.	2.1	4
139	Moderate-to-Vigorous Physical Activity, Indices of Cognitive Control, and Academic Achievement in Preadolescents. Journal of Pediatrics, 2016, 173, 136-142.	0.9	57
140	The Effects of Cell Phone and Text Message Conversations on Simulated Street Crossing. Human Factors, 2016, 58, 150-162.	2.1	47
141	Associations Between Physical Fitness Indices and Working Memory in Breast Cancer Survivors and Age-Matched Controls. Journal of Women's Health, 2016, 25, 99-108.	1.5	14
142	White matter integrity, hippocampal volume, and cognitive performance of a world-famous nonagenarian track-and-field athlete. Neurocase, 2016, 22, 135-144.	0.2	14
143	Fitness, but not physical activity, is related to functional integrity of brain networks associated with aging. NeuroImage, 2016, 131, 113-125.	2.1	171
144	Relationship between fruit and vegetable intake and interference control in breast cancer survivors. European Journal of Nutrition, 2016, 55, 1555-1562.	1.8	11

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145	White matter microstructure mediates the relationship between cardiorespiratory fitness and spatial working memory in older adults. NeuroImage, 2016, 131, 91-101.	2.1	110
146	Is Traumatic Brain Injury Associated with Reduced Inter-Hemispheric Functional Connectivity? A Study of Large-Scale Resting State Networks following Traumatic Brain Injury. Journal of Neurotrauma, 2016, 33, 977-989.	1.7	47
147	Aerobic Exercise Intervention, Cognitive Performance, and Brain Structure: Results from the Physical Influences on Brain in Aging (PHIBRA) Study. Frontiers in Aging Neuroscience, 2016, 8, 336.	1.7	167
148	Moderate Physical Activity Mediates the Association between White Matter Lesion Volume and Memory Recall in Breast Cancer Survivors. PLoS ONE, 2016, 11, e0149552.	1.1	16
149	Aerobic and Cognitive Exercise (ACE) Pilot Study for Older Adults: Executive Function Improves with Cognitive Challenge While Exergaming. Journal of the International Neuropsychological Society, 2015, 21, 768-779.	1.2	81
150	Predicting Skill-Based Task Performance and Learning with fMRI Motor and Subcortical Network Connectivity. , 2015, , .		4
151	Education mitigates ageâ€related decline in Nâ€Acetylaspartate levels. Brain and Behavior, 2015, 5, e00311.	1.0	5
152	Workload capacity across the visual field in young and older adults.. Archives of Scientific Psychology, 2015, 3, 62-73.	0.8	5
153	Brain activation during dual-task processing is associated with cardiorespiratory fitness and performance in older adults. Frontiers in Aging Neuroscience, 2015, 7, 154.	1.7	52
154	Higher cardiorespiratory fitness levels are associated with greater hippocampal volume in breast cancer survivors. Frontiers in Human Neuroscience, 2015, 9, 465.	1.0	21
155	The Relationship between Intelligence and Training Gains Is Moderated by Training Strategy. PLoS ONE, 2015, 10, e0123259.	1.1	7
156	The Role of Aerobic Fitness in Cortical Thickness and Mathematics Achievement in Preadolescent Children. PLoS ONE, 2015, 10, e0134115.	1.1	83
157	Language and Memory Improvements following tDCS of Left Lateral Prefrontal Cortex. PLoS ONE, 2015, 10, e0141417.	1.1	52
158	Competition and Cooperation among Relational Memory Representations. PLoS ONE, 2015, 10, e0143832.	1.1	7
159	Relating Hippocampus to Relational Memory Processing across Domains and Delays. Journal of Cognitive Neuroscience, 2015, 27, 234-245.	1.1	54
160	Physical activity, brain, and cognition. Current Opinion in Behavioral Sciences, 2015, 4, 27-32.	2.0	229
161	Central Adiposity Is Negatively Associated with Hippocampal-Dependent Relational Memory among Overweight and Obese Children. Journal of Pediatrics, 2015, 166, 302-308.e1.	0.9	72
162	Theatre Arts for Improving Cognitive and Affective Health. Activities, Adaptation and Aging, 2015, 39, 19-31.	1.7	15

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163	Differential exercise effects on quality of life and health-related quality of life in older adults: a randomized controlled trial. Quality of Life Research, 2015, 24, 455-462.	1.5	50
164	Dietary Fiber Is Positively Associated with Cognitive Control among Prepubertal Children ,. Journal of Nutrition, 2015, 145, 143-149.	1.3	90
165	Impact of the Baltimore Experience Corps Trial on cortical and hippocampal volumes. Alzheimer's and Dementia, 2015, 11, 1340-1348.	0.4	103
166	Physical Activity and Cognitive Vitality. Annual Review of Psychology, 2015, 66, 769-797.	9.9	266
167	White Matter Integrity Supports BOLD Signal Variability and Cognitive Performance in the Aging Human Brain. PLoS ONE, 2015, 10, e0120315.	1.1	49
168	Physical Activity Is Linked to Greater Moment-To-Moment Variability in Spontaneous Brain Activity in Older Adults. PLoS ONE, 2015, 10, e0134819.	1.1	28
169	Working Memory, Reasoning, and Task Switching Training: Transfer Effects, Limitations, and Great Expectations?. PLoS ONE, 2015, 10, e0142169.	1.1	37
170	Physical Activity and Cardiorespiratory Fitness Are Beneficial for White Matter in Low-Fit Older Adults. PLoS ONE, 2014, 9, e107413.	1.1	132
171	Cognitive training with casual video games: points to consider. Frontiers in Psychology, 2014, 4, 1010.	1.1	88
172	Parietal plasticity after training with a complex video game is associated with individual differences in improvements in an untrained working memory task. Frontiers in Human Neuroscience, 2014, 8, 169.	1.0	40
173	Aerobic fitness is associated with greater white matter integrity in children. Frontiers in Human Neuroscience, 2014, 8, 584.	1.0	150
174	Cognitive control in the self-regulation of physical activity and sedentary behavior. Frontiers in Human Neuroscience, 2014, 8, 747.	1.0	104
175	Lane Keeping Under Cognitive Load. Human Factors, 2014, 56, 414-426.	2.1	73
176	Blur detection is unaffected by cognitive load. Visual Cognition, 2014, 22, 522-547.	0.9	13
177	Providing Views of the Driving Scene to Driversâ€™ Conversation Partners Mitigates Cell-Phone-Related Distraction. Psychological Science, 2014, 25, 2136-2146.	1.8	20
178	Training versus engagement as paths to cognitive enrichment with aging.. Psychology and Aging, 2014, 29, 891-906.	1.4	88
179	The Effects of an 8-Week Hatha Yoga Intervention on Executive Function in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 1109-1116.	1.7	99
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