Arthur F Kramer

List of Publications by Year in Descending Order

484 papers	46,124 citations	105 h-index	205 g-index
509 ext. papers	51,891 ext. citations	4.3 avg, IF	7.51 L-index

#	Paper	IF	Citations
484	Resting state functional connectivity provides mechanistic predictions of future changes in sedentary behavior.. *Scientific Reports*, **2022**, 12, 940	4.9	0
483	Neurobehavioral mechanisms underlying the effects of physical exercise break on episodic memory during prolonged sitting.. *Complementary Therapies in Clinical Practice*, **2022**, 48, 101553	3.5	0
482	Investigating impact of cardiorespiratory fitness in reducing brain tissue loss caused by ageing.. *Brain Communications*, **2021**, 3, fcab228	4.5	1
481	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	4.6	9
480	Can a Theater Acting Intervention Enhance Inhibitory Control in Older Adults? A Brain-Behavior Investigation. *Frontiers in Human Neuroscience*, **2021**, 15, 583220	3.3	
479	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	2.4	3
478	Brain Structure, Cardiorespiratory Fitness, and Executive Control Changes after a 9-Week Exercise Intervention in Young Adults: A Randomized Controlled Trial. *Life*, **2021**, 11,	3	2
477	Age-related effects on a novel dual-task Stroop paradigm. *PLoS ONE*, **2021**, 16, e0247923	3.7	0
476	How to Better Study the Associations Between Physical Activity, Exercise, and Cognitive and Brain Health. *JAMA Network Open*, **2021**, 4, e215153	10.4	2
475	Cognitive benefits of exercise interventions: an fMRI activation likelihood estimation meta-analysis. *Brain Structure and Function*, **2021**, 226, 601-619	4	11
474	Physical Activity and Inhibitory Control: The Mediating Role of Sleep Quality and Sleep Efficiency. *Brain Sciences*, **2021**, 11,	3.4	1
473	Single Nucleotide Polymorphisms in CD36 Are Associated with Macular Pigment among Children. *Journal of Nutrition*, **2021**, 151, 2533-2540	4.1	0
472	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	2.3	0
471	Brain network modularity predicts changes in cortical thickness in children involved in a physical activity intervention. *Psychophysiology*, **2021**, 58, e13890	4.1	2
470	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	2.3	0
469	Physical Exercise Training Effect and Mediation Through Cardiorespiratory Fitness on Dual-Task Performances Differ in Younger-Old and Older-Old Adults. *Journals of Gerontology - Series B Psychological Sciences and Social Sciences*, **2021**, 76, 219-228	4.6	18
468	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	3.6	4

467	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	4.6	3
466	Physical fitness, hippocampal functional connectivity and academic performance in children with overweight/obesity: The ActiveBrains project. *Brain, Behavior, and Immunity*, **2021**, 91, 284-295	16.6	8
465	Physical fitness and brain source localization during a working memory task in children with overweight/obesity: The ActiveBrains project. *Developmental Science*, **2021**, 24, e13048	4.5	1
464	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	4.6	4
463	Sympathetic Nervous System and Exercise Affects Cognition in Youth (SNEACY): study protocol for a randomized crossover trial. *Trials*, **2021**, 22, 154	2.8	0
462	Enriching activities during childhood are associated with variations in functional connectivity patterns later in life. *Neurobiology of Aging*, **2021**, 104, 92-101	5.6	2
461	Training detection of camouflaged targets in natural scenes: Backgrounds and targets both matter. *Acta Psychologica*, **2021**, 219, 103394	1.7	
460	Acute exercise effects on inhibitory control and the pupillary response in young adults. *International Journal of Psychophysiology*, **2021**, 170, 218-228	2.9	0
459	White matter plasticity in healthy older adults: The effects of aerobic exercise. *NeuroImage*, **2021**, 239, 118305	7.9	2
458	Musical Training and Brain Volume in Older Adults. *Brain Sciences*, **2021**, 11,	3.4	9
457	Mini-Basketball Training Program Improves Social Communication and White Matter Integrity in Children with Autism. *Brain Sciences*, **2020**, 10,	3.4	10
456	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	5.3	8
455	The role of BMI on cognition following acute physical activity in preadolescent children. *Trends in Neuroscience and Education*, **2020**, 21, 100143	3.7	1
454	Combined and Isolated Effects of Acute Exercise and Brain Stimulation on Executive Function in Healthy Young Adults. *Journal of Clinical Medicine*, **2020**, 9,	5.1	5
453	Influence of sitting behaviors on sleep disturbance and memory impairment in breast cancer survivors. *Cancer Medicine*, **2020**, 9, 3417-3424	4.8	4
452	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	2.4	8
451	Body mass and cardiorespiratory fitness are associated with altered brain metabolism. *Metabolic Brain Disease*, **2020**, 35, 999-1007	3.9	1
450	Differences in Brain Volume between Metabolically Healthy and Unhealthy Overweight and Obese Children: The Role of Fitness. *Journal of Clinical Medicine*, **2020**, 9,	5.1	5

449	Association of Sedentary Behavior with Brain Structure and Intelligence in Children with Overweight or Obesity: The ActiveBrains Project. *Journal of Clinical Medicine*, **2020**, 9,	5.1	7
448	Differences in cognition and physical activity in younger vs older breast cancer survivors. *Psycho-Oncology*, **2020**, 29, 1228-1231	3.9	
447	Sensor-measured sedentariness and physical activity are differentially related to fluid and crystallized abilities in aging. *Psychology and Aging*, **2020**, 35, 1154-1169	3.6	4
446	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	3.7	6
445	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	4.2	20
444	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	1.2	4
443	Adiposity is related to neuroelectric indices of motor response preparation in preadolescent children. *International Journal of Psychophysiology*, **2020**, 147, 176-183	2.9	2
442	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	3.3	7
441	The IGNITE trial: Participant recruitment lessons prior to SARS-CoV-2. *Contemporary Clinical Trials Communications*, **2020**, 20, 100666	1.8	3
440	Occupational Physical Stress Is Negatively Associated With Hippocampal Volume and Memory in Older Adults. *Frontiers in Human Neuroscience*, **2020**, 14, 266	3.3	4
439	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	3.4	2
438	Resting-State Functional Connectivity and Scholastic Performance in Preadolescent Children: A Data-Driven Multivoxel Pattern Analysis (MVPA). *Journal of Clinical Medicine*, **2020**, 9,	5.1	1
437	Standard-space atlas of the viscoelastic properties of the human brain. *Human Brain Mapping*, **2020**, 41, 5282-5300	5.9	15
436	Greater childhood cardiorespiratory fitness is associated with better top-down cognitive control: A midfrontal theta oscillation study. *Psychophysiology*, **2020**, 57, e13678	4.1	1
435	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	4.9	1
434	Early life factors, gray matter brain volume and academic performance in overweight/obese children: The ActiveBrains project. *NeuroImage*, **2019**, 202, 116130	7.9	2
433	Investigating Gains in Neurocognition in an Intervention Trial of Exercise (IGNITE): Protocol. *Contemporary Clinical Trials*, **2019**, 85, 105832	2.3	17
432	Brain network modularity predicts cognitive training-related gains in young adults. *Neuropsychologia*, **2019**, 131, 205-215	3.2	12

431	Musical Instrument Practice Predicts White Matter Microstructure and Cognitive Abilities in Childhood. *Frontiers in Psychology*, **2019**, 10, 1198	3.4	5
430	Cognitive and neural architecture of decision making competence. *NeuroImage*, **2019**, 199, 172-183	7.9	3
429	Acute aerobic exercise effects on cognitive function in breast cancer survivors: a randomized crossover trial. *BMC Cancer*, **2019**, 19, 371	4.8	15
428	Voluntary Saccade Training Protocol in Persons With Parkinson's Disease and Healthy Adults. *Frontiers in Aging Neuroscience*, **2019**, 11, 77	5.3	2
427	Cognitive Frailty and Mortality in a National Cohort of Older Adults: the Role of Physical Activity. *Mayo Clinic Proceedings*, **2019**, 94, 1180-1189	6.4	21
426	Physical Fitness, White Matter Volume and Academic Performance in Children: Findings From the ActiveBrains and FITKids2 Projects. *Frontiers in Psychology*, **2019**, 10, 208	3.4	29
425	Copenhagen Consensus statement 2019: physical activity and ageing. *British Journal of Sports Medicine*, **2019**, 53, 856-858	10.3	71
424	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	8.2	14
423	Enhanced decision-making through multimodal training. *Npj Science of Learning*, **2019**, 4, 11	6	9
422	Building the multitasking brain: An integrated perspective on functional brain activation during task-switching and dual-tasking. *Neuropsychologia*, **2019**, 132, 107149	3.2	4
421	Higher striatal D2-receptor availability in aerobically fit older adults but non-selective intervention effects after aerobic versus resistance training. *NeuroImage*, **2019**, 202, 116044	7.9	7
420	Individual differences in analogical reasoning revealed by multivariate task-based functional brain imaging. *NeuroImage*, **2019**, 184, 993-1004	7.9	11
419	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	7.9	22
418	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. *Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice*, **2019**, 3, 2-29	2.4	91
417	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	2.2	12
416	Nutritional supplementation boosts aerobic exercise effects on functional brain systems. *Journal of Applied Physiology*, **2019**, 126, 77-87	3.7	14
415	On mindful and mindless physical activity and executive function: A response to Diamond and Ling (2016). *Developmental Cognitive Neuroscience*, **2019**, 37, 100529	5.5	20
414	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	2.4	21

413	Double dissociation of structure-function relationships in memory and fluid intelligence observed with magnetic resonance elastography. *NeuroImage*, **2018**, 171, 99-106	7.9	20
412	Older Adult Multitasking Performance Using a Gaze-Contingent Useful Field of View. *Human Factors*, **2018**, 60, 236-247	3.8	5
411	The Negative Influence of Adiposity Extends to Intraindividual Variability in Cognitive Control Among Preadolescent Children. *Obesity*, **2018**, 26, 405-411	8	13
410	Fitness Effects on the Cognitive Function of Older Adults: A Meta-Analytic Study-Revisited. *Perspectives on Psychological Science*, **2018**, 13, 213-217	9.8	119
409	Macular pigment optical density is positively associated with academic performance among preadolescent children. *Nutritional Neuroscience*, **2018**, 21, 632-640	3.6	17
408	Aerobic Fitness Explains Individual Differences in the Functional Brain Connectome of Healthy Young Adults. *Cerebral Cortex*, **2018**, 28, 3600-3609	5.1	28
407	Effects of the FITKids physical activity randomized controlled trial on conflict monitoring in youth. *Psychophysiology*, **2018**, 55, e13017	4.1	20
406	Role of Brain Structure in Predicting Adherence to a Physical Activity Regimen. *Psychosomatic Medicine*, **2018**, 80, 69-77	3.7	10
405	Replacing sedentary time with physical activity or sleep: effects on cancer-related cognitive impairment in breast cancer survivors. *BMC Cancer*, **2018**, 18, 685	4.8	9
404	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	5.3	71
403	Commentary: At least eighty percent of brain grey matter is modifiable by physical activity: a review study. *Frontiers in Human Neuroscience*, **2018**, 12, 195	3.3	2
402	Effects of physical activity on psychological well-being outcomes in breast cancer survivors from prediagnosis to posttreatment survivorship. *Psycho-Oncology*, **2018**, 27, 1987-1994	3.9	8
401	The Associations between Adiposity, Cognitive Function, and Achievement in Children. *Medicine and Science in Sports and Exercise*, **2018**, 50, 1868-1874	1.2	11
400	PTSD symptoms and overt attention to contextualized emotional faces: Evidence from eye tracking. *Psychiatry Research*, **2018**, 269, 408-413	9.9	7
399	Scholastic performance and functional connectivity of brain networks in children. *PLoS ONE*, **2018**, 13, e0190073	3.7	14
398	Multi-modal fitness and cognitive training to enhance fluid intelligence. *Intelligence*, **2018**, 66, 32-43	3	22
397	Discovery and visualization of structural biomarkers from MRI using transport-based morphometry. *NeuroImage*, **2018**, 167, 256-275	7.9	17
396	Physical Activity Increases White Matter Microstructure in Children. *Frontiers in Neuroscience*, **2018**, 12, 950	5.1	47

395	Relational memory is associated with academic achievement in preadolescent children. *Trends in Neuroscience and Education*, **2018**, 13, 8-16	3.7	3
394	The cortical structure of functional networks associated with age-related cognitive abilities in older adults. *PLoS ONE*, **2018**, 13, e0204280	3.7	2
393	Community-Based Activity and Sedentary Patterns Are Associated With Cognitive Performance in Mobility-Limited Older Adults. *Frontiers in Aging Neuroscience*, **2018**, 10, 341	5.3	9
392	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**, 13, 1565-1577	4	15
391	The Enhanced Interactive Physical and Cognitive Exercise System (iPACES v2.0): Pilot Clinical Trial of an In-Home iPad-Based Neuro-Exergame for Mild Cognitive Impairment (MCI). *Journal of Clinical Medicine*, **2018**, 7,	5.1	13
390	Associations Between Aerobic Fitness and Cognitive Control in Adolescents. *Frontiers in Psychology*, **2018**, 9, 1298	3.4	30
389	Mindfulness training induces structural connectome changes in insula networks. *Scientific Reports*, **2018**, 8, 7929	4.9	20
388	Magnetic susceptibility-induced echo-time shifts: Is there a bias in age-related fMRI studies?. *Journal of Magnetic Resonance Imaging*, **2017**, 45, 207-214	5.6	4
387	Effectiveness of a 16-Week High-Intensity Cardioresistance Training Program in Adults. *Journal of Strength and Conditioning Research*, **2017**, 31, 2528-2541	3.2	14
386	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	5.6	48
385	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	2.9	31
384	Obesity, Visceral Adipose Tissue, and Cognitive Function in Childhood. *Journal of Pediatrics*, **2017**, 187, 134-140.e3	3.6	19
383	Aerobic fitness, hippocampal viscoelasticity, and relational memory performance. *NeuroImage*, **2017**, 153, 179-188	7.9	58
382	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	3.6	13
381	Acute Exercise and Neurocognitive Development in Preadolescents and Young Adults: An ERP Study. *Neural Plasticity*, **2017**, 2017, 2631909	3.3	15
380	Multivariate Associations of Fluid Intelligence and NAA. *Cerebral Cortex*, **2017**, 27, 2607-2616	5.1	18
379	Brain Network Modularity Predicts Exercise-Related Executive Function Gains in Older Adults. *Frontiers in Aging Neuroscience*, **2017**, 9, 426	5.3	60
378	Differences in Brain Architecture in Remote Mild Traumatic Brain Injury. *Journal of Neurotrauma*, **2017**, 34, 3280-3287	5.4	15

377	The effects of physical activity and fatigue on cognitive performance in breast cancer survivors. *Breast Cancer Research and Treatment*, **2017**, 165, 699-707	4.4	29
376	Integrated Social- and Neurocognitive Model of Physical Activity Behavior in Older Adults with Metabolic Disease. *Annals of Behavioral Medicine*, **2017**, 51, 272-281	4.5	10
375	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	2.4	26
374	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	3.6	46
373	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	1.6	33
372	Examining the Roles of Reasoning and Working Memory in Predicting Casual Game Performance across Extended Gameplay. *Frontiers in Psychology*, **2017**, 8, 203	3.4	5
371	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	5.3	74
370	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	5.3	33
369	Active Experiencing Training Improves Episodic Memory Recall in Older Adults. *Frontiers in Aging Neuroscience*, **2017**, 9, 133	5.3	11
368	The Dancing Brain: Structural and Functional Signatures of Expert Dance Training. *Frontiers in Human Neuroscience*, **2017**, 11, 566	3.3	38
367	Differential Effects of Carbohydrates on Behavioral and Neuroelectric Indices of Selective Attention in Preadolescent Children. *Frontiers in Human Neuroscience*, **2017**, 11, 614	3.3	3
366	Effects of Gait Self-Efficacy and Lower-Extremity Physical Function on Dual-Task Performance in Older Adults. *BioMed Research International*, **2017**, 2017, 8570960	3	8
365	Into the Woods: Characterizing and Training Detection of Camouflaged Targets in Natural Scenes. *Journal of Vision*, **2017**, 17, 85	0.4	
364	Fitness, but not physical activity, is related to functional integrity of brain networks associated with aging. *NeuroImage*, **2016**, 131, 113-25	7.9	110
363	Relationship between fruit and vegetable intake and interference control in breast cancer survivors. *European Journal of Nutrition*, **2016**, 55, 1555-62	5.2	7
362	White matter microstructure mediates the relationship between cardiorespiratory fitness and spatial working memory in older adults. *NeuroImage*, **2016**, 131, 91-101	7.9	76
361	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, 977-89	5.4	34
360	Aerobic Fitness and Context Processing in Preadolescent Children. *Journal of Physical Activity and Health*, **2016**, 13, 94-101	2.5	6

359	Dissociable brain biomarkers of fluid intelligence. *NeuroImage*, **2016**, 137, 201-211	7.9	23
358	Underlying sources of cognitive-anatomical variation in multi-modal neuroimaging and cognitive testing. *NeuroImage*, **2016**, 129, 439-449	7.9	3
357	Moderate-to-Vigorous Physical Activity, Indices of Cognitive Control, and Academic Achievement in Preadolescents. *Journal of Pediatrics*, **2016**, 173, 136-42	3.6	38
356	The Effects of Cell Phone and Text Message Conversations on Simulated Street Crossing. *Human Factors*, **2016**, 58, 150-62	3.8	34
355	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	3	12
354	White matter integrity, hippocampal volume, and cognitive performance of a world-famous nonagenarian track-and-field athlete. *Neurocase*, **2016**, 22, 135-44	0.8	10
353	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	5.3	120
352	Moderate Physical Activity Mediates the Association between White Matter Lesion Volume and Memory Recall in Breast Cancer Survivors. *PLoS ONE*, **2016**, 11, e0149552	3.7	13
351	Impairing the useful field of view in natural scenes: Tunnel vision versus general interference. *Journal of Vision*, **2016**, 16, 7	0.4	49
350	Contamination by an Active Control Condition in a Randomized Exercise Trial. *PLoS ONE*, **2016**, 11, e0164246	3.7	12
349	Aerobic fitness is associated with greater hippocampal cerebral blood flow in children. *Developmental Cognitive Neuroscience*, **2016**, 20, 52-8	5.5	45
348	Relational memory and self-efficacy measures reveal distinct profiles of subjective memory concerns in older adults. *Neuropsychology*, **2016**, 30, 568-578	3.8	11
347	Circulating progenitor cells are positively associated with cognitive function among overweight/obese children. *Brain, Behavior, and Immunity*, **2016**, 57, 47-52	16.6	9
346	. *Data in Brief*, **2016**, 7, 1221-1227	1.2	1
345	Measuring the Useful Field of View During Simulated Driving With Gaze-Contingent Displays. *Human Factors*, **2016**, 58, 630-41	3.8	19
344	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	4.2	26
343	Exercise Mode Moderates the Relationship Between Mobility and Basal Ganglia Volume in Healthy Older Adults. *Journal of the American Geriatrics Society*, **2016**, 64, 102-8	5.6	7
342	Subjective memory impairment and well-being in community-dwelling older adults. *Psychogeriatrics* , **2016**, 16, 20-6	1.8	27

341	Theatre Arts for Improving Cognitive and Affective Health. *Activities, Adaptation and Aging*, **2015**, 39, 19-31	0.7	14
340	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, 455-62	3.7	34
339	Dietary fiber is positively associated with cognitive control among prepubertal children. *Journal of Nutrition*, **2015**, 145, 143-9	4.1	59
338	Impact of the Baltimore Experience Corps Trial on cortical and hippocampal volumes. *Alzheimer's and Dementia*, **2015**, 11, 1340-8	1.2	70
337	Physical activity and cognitive vitality. *Annual Review of Psychology*, **2015**, 66, 769-97	26.1	195
336	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, 768-79	3.1	62
335	**2015**,		2
334	Education mitigates age-related decline in N-Acetylaspartate levels. *Brain and Behavior*, **2015**, 5, e00311	3.4	4
333	Workload capacity across the visual field in young and older adults.. *Archives of Scientific Psychology* , **2015**, 3, 62-73	4.3	5
332	Brain activation during dual-task processing is associated with cardiorespiratory fitness and performance in older adults. *Frontiers in Aging Neuroscience*, **2015**, 7, 154	5.3	44
331	Higher cardiorespiratory fitness levels are associated with greater hippocampal volume in breast cancer survivors. *Frontiers in Human Neuroscience*, **2015**, 9, 465	3.3	16
330	The relationship between intelligence and training gains is moderated by training strategy. *PLoS ONE*, **2015**, 10, e0123259	3.7	5
329	The role of aerobic fitness in cortical thickness and mathematics achievement in preadolescent children. *PLoS ONE*, **2015**, 10, e0134115	3.7	50
328	Language and Memory Improvements following tDCS of Left Lateral Prefrontal Cortex. *PLoS ONE*, **2015**, 10, e0141417	3.7	36
327	Competition and Cooperation among Relational Memory Representations. *PLoS ONE*, **2015**, 10, e0143832	3.7	6
326	Relating hippocampus to relational memory processing across domains and delays. *Journal of Cognitive Neuroscience*, **2015**, 27, 234-45	3.1	45
325	Physical activity, brain, and cognition. *Current Opinion in Behavioral Sciences*, **2015**, 4, 27-32	4	142
324	Central adiposity is negatively associated with hippocampal-dependent relational memory among overweight and obese children. *Journal of Pediatrics*, **2015**, 166, 302-8.e1	3.6	55

323	White matter integrity supports BOLD signal variability and cognitive performance in the aging human brain. *PLoS ONE*, **2015**, 10, e0120315	3.7	32
322	Physical Activity Is Linked to Greater Moment-To-Moment Variability in Spontaneous Brain Activity in Older Adults. *PLoS ONE*, **2015**, 10, e0134819	3.7	20
321	Working Memory, Reasoning, and Task Switching Training: Transfer Effects, Limitations, and Great Expectations?. *PLoS ONE*, **2015**, 10, e0142169	3.7	29
320	Executive function processes predict mobility outcomes in older adults. *Journal of the American Geriatrics Society*, **2014**, 62, 285-90	5.6	44
319	Executive functions of sedentary elderly may benefit from walking: a systematic review and meta-analysis. *American Journal of Geriatric Psychiatry*, **2014**, 22, 782-91	6.5	73
318	Participatory arts for older adults: a review of benefits and challenges. *Gerontologist, The*, **2014**, 54, 741-53	3	106
317	Dietary lipids are differentially associated with hippocampal-dependent relational memory in prepubescent children. *American Journal of Clinical Nutrition*, **2014**, 99, 1026-32	7	63
316	Phase I/II randomized trial of aerobic exercise in Parkinson disease in a community setting. *Neurology*, **2014**, 83, 413-25	6.5	145
315	Transfer of Computer-Based Training to Simulated Driving In Older Adults. *Proceedings of the Human Factors and Ergonomics Society*, **2014**, 58, 2043-2047	0.4	2
314	Physical activity and cardiorespiratory fitness are beneficial for white matter in low-fit older adults. *PLoS ONE*, **2014**, 9, e107413	3.7	105
313	Cognitive training with casual video games: points to consider. *Frontiers in Psychology*, **2014**, 4, 1010	3.4	70
312	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	3.3	31
311	Aerobic fitness is associated with greater white matter integrity in children. *Frontiers in Human Neuroscience*, **2014**, 8, 584	3.3	114
310	Cognitive control in the self-regulation of physical activity and sedentary behavior. *Frontiers in Human Neuroscience*, **2014**, 8, 747	3.3	68
309	Lane keeping under cognitive load: performance changes and mechanisms. *Human Factors*, **2014**, 56, 414-26	3.8	59
308	Blur Detection is Unaffected by Cognitive Load. *Visual Cognition*, **2014**, 22, 522-547	1.8	6
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