Jennifer L Etnier

List of Publications by Year
in descending order

87 papers	8,249 citations	147566 31 h-index	74018 75 g-index
91 all docs	91 docs citations	91 times ranked	7325 citing authors

#	Article	IF	Citations
1	The effects of acute exercise on cognitive performance: A meta-analysis. Brain Research, 2012, 1453, 87-101.	1.1	1,303
2	Physical Activity, Fitness, Cognitive Function, and Academic Achievement in Children. Medicine and Science in Sports and Exercise, 2016, 48, 1197-1222.	0.2	1,118
3	The Relationship between Physical Activity and Cognition in Children: A Meta-Analysis. Pediatric Exercise Science, 2003, 15, 243-256.	0.5	849
4	A meta-regression to examine the relationship between aerobic fitness and cognitive performance. Brain Research Reviews, 2006, 52, 119-130.	9.1	573
5	The Influence of Physical Fitness and Exercise upon Cognitive Functioning: A Meta-Analysis. Journal of Sport and Exercise Psychology, 1997, 19, 249-277.	0.7	543
6	A Comprehensive Review of Health Benefits of Qigong and Tai Chi. American Journal of Health Promotion, 2010, 24, e1-e25.	0.9	428
7	Effects of physical activity interventions on cognitive and academic performance in children and adolescents: a novel combination of a systematic review and recommendations from an expert panel. British Journal of Sports Medicine, 2019, 53, 640-647.	3.1	287
8	The Effects of Exercise on Mood in Older Adults: A Meta-Analytic Review. Journal of Aging and Physical Activity, 2000, 8, 407-430.	0.5	244
9	The Effect of Physical Activity on Executive Function: A Brief Commentary on Definitions, Measurement Issues, and the Current State of the Literature. Journal of Sport and Exercise Psychology, 2009, 31, 469-483.	0.7	216
10	Meditative Movement as a Category of Exercise: Implications for Research. Journal of Physical Activity and Health, 2009, 6, 230-238.	1.0	205
11	Exploring the Dose-Response Relationship between Resistance Exercise Intensity and Cognitive Function. Journal of Sport and Exercise Psychology, 2009, 31, 640-656.	0.7	158
12	Effects of Acute Exercise on Long-Term Memory. Research Quarterly for Exercise and Sport, 2011, 82, 712-721.	0.8	155
13	Brain-derived neurotrophic factor (BDNF) as a potential mechanism of the effects of acute exercise on cognitive performance. Journal of Sport and Health Science, 2015, 4, 14-23.	3.3	152
14	The effects of physical activity on attention deficit hyperactivity disorder symptoms: The evidence. Preventive Medicine, 2011, 52, S70-S74.	1.6	129
15	Doseâ€“Response Relation between Exercise Duration and Cognition. Medicine and Science in Sports and Exercise, 2015, 47, 159-165.	0.2	117
16	Effects of Exercise Training Interventions on Executive Function in Older Adults: A Systematic Review and Meta-Analysis. Sports Medicine, 2020, 50, 1451-1467.	3.1	110
17	Cognitive Performance in Older Women Relative to ApoE-Îµ4 Genotype and Aerobic Fitness. Medicine and Science in Sports and Exercise, 2007, 39, 199-207.	0.2	103
18	Physical Activity and Cognition in Older Adults: The Potential of Tai Chi Chuan. Journal of Aging and Physical Activity, 2010, 18, 451-472.	0.5	94

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19	The Immediate and Delayed Effects of an Acute Bout of Exercise on Cognitive Performance of Healthy Older Adults. Journal of Aging and Physical Activity, 2010, 18, 87-98.	0.5	94
20	The Effects of Acute Exercise on Memory and Brain-Derived Neurotrophic Factor (BDNF). Journal of Sport and Exercise Psychology, 2016, 38, 331-340.	0.7	91
21	Effects of Acute Exercise on Executive Function: A Study With a Tower of London Task. Journal of Sport and Exercise Psychology, 2011, 33, 847-865.	0.7	90
22	Effects of an Acute Bout of Exercise on Cognitive Aspects of Stroop Performance. Journal of Sport and Exercise Psychology, 2006, 28, 285-299.	0.7	89
23	Effects of an acute bout of localized resistance exercise on cognitive performance in middle-aged adults: A randomized controlled trial study. Psychology of Sport and Exercise, 2009, 10, 19-24.	1.1	89
24	Effect of acute aerobic exercise on cognitive performance: Role of cardiovascular fitness. Psychology of Sport and Exercise, 2014, 15, 464-470.	1.1	81
25	The effect of acute exercise on cognitive performance in children with and without ADHD. Journal of Sport and Health Science, 2015, 4, 97-104.	3.3	75
26	The Relationships Among Pulmonary Function, Aerobic Fitness, and Cognitive Functioning in Older COPD Patients. Chest, 1999, 116, 953-960.	0.4	59
27	Fluid intelligence in an older COPD sample after short- or long-term exercise. Medicine and Science in Sports and Exercise, 2001, 33, 1620-1628.	0.2	54
28	Motor Performance and Motor Learning as a Function of Age and Fitness. Research Quarterly for Exercise and Sport, 1998, 69, 136-146.	0.8	52
29	Exercise, Fibromyalgia, and Fibrofog: A Pilot Study. Journal of Physical Activity and Health, 2009, 6, 239-246.	1.0	42
30	Combined Effects of Physical Activity and Obesity on Cognitive Function: Independent, Overlapping, Moderator, and Mediator Models. Sports Medicine, 2017, 47, 449-468.	3.1	36
31	Effects of an Acute Bout of Exercise on Memory in 6th Grade Children. Pediatric Exercise Science, 2014, 26, 250-258.	0.5	34
32	The Influence of Procedural Variables on the Efficacy of Mental Practice. Sport Psychologist, 1996, 10, 48-57.	0.4	33
33	The Effect of Acute Exercise on Encoding and Consolidation of Long-Term Memory. Journal of Sport and Exercise Psychology, 2018, 40, 336-342.	0.7	32
34	Physical activity and cognition: A narrative review of the evidence for older adults. Psychology of Sport and Exercise, 2019, 42, 156-166.	1.1	32
35	Dose-Response Relationship between Exercise Duration and Executive Function in Older Adults. Journal of Clinical Medicine, 2018, 7, 279.	1.0	27
36	Habitual physical activity mediates the acute exercise-induced modulation of anxiety-related amygdala functional connectivity. Scientific Reports, 2019, 9, 19787.	1.6	27

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37	Brain Function and Exercise. Sports Medicine, 1995, 19, 81-85.	3.1	26
38	Effects of music and video on perceived exertion during high-intensity exercise. Journal of Sport and Health Science, 2017, 6, 81-88.	3.3	25
39	Exercise, cognitive function, and the brain: Advancing our understanding of complex relationships. Journal of Sport and Health Science, 2019, 8, 299-300.	3.3	23
40	Components of Response Time as a Function of Age, Physical Activity, and Aerobic Fitness. Journal of Aging and Physical Activity, 2003, 11, 319-332.	0.5	22
41	Exploring the Relationship Between Exercise-Induced Arousal and Cognition Using Fractionated Response Time. Research Quarterly for Exercise and Sport, 2009, 80, 78-86.	0.8	22
42	Changes in Electroencephalographic Activity Associated with Learning a Novel Motor Task. Research Quarterly for Exercise and Sport, 1996, 67, 272-279.	0.8	19
43	Parental perceptions of the effects of exercise on behavior in children and adolescents with ADHD. Journal of Sport and Health Science, 2014, 3, 320-325.	3.3	19
44	Beneficial Effects of Acute Exercise on Executive Function in Adolescents. Journal of Physical Activity and Health, 2019, 16, 423-429.	1.0	18
45	Acute and Chronic Exercise Effects on Human Memory: What We Know and Where to Go from Here. Journal of Clinical Medicine, 2021, 10, 4812.	1.0	18
46	Pilot Study Comparing Physical and Psychological Responses in Medical Qigong and Walking. Journal of Aging and Physical Activity, 2006, 14, 241-253.	0.5	17
47	A preliminary investigation of acute exercise intensity on memory and BDNF isoform concentrations. European Journal of Sport Science, 2020, 20, 819-830.	1.4	16
48	The Influence of Age and Fitness on Performance and Learning. Journal of Aging and Physical Activity, 1997, 5, 175-189.	0.5	14
49	The Physical Activity and Alzheimerâ€™s Disease (PAAD) Study: Cognitive outcomes. Annals of Behavioral Medicine, 2018, 52, 175-185.	1.7	13
50	Time Course of Attention and Decision Making during a Volleyball Set. Research Quarterly for Exercise and Sport, 2004, 75, 102-106.	0.8	12
51	Motivating Mature Adults to be Physically Active. Journal of Aging and Physical Activity, 2017, 25, 325-331.	0.5	12
52	Acquisition and Retention of Motor Skills as a Function of Age and Aerobic Fitness. Journal of Aging and Physical Activity, 2001, 9, 425-437.	0.5	11
53	The Relationship Between Frontal Brain Asymmetry and Exercise Addiction. Journal of Psychophysiology, 2009, 23, 135-142.	0.3	11
54	Navigational Aids and Learner Control in Hypermedia Instructional Programs. Journal of Educational Computing Research, 1998, 18, 183-196.	3.6	10

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55	Innovative Research Exploring the Effects of Physical Activity and Genetics on Cognitive Performance in Community-Based Older Adults. Journal of Aging and Physical Activity, 2015, 23, 559-568.	0.5	10
56	The effects of low-intensity cycling on cognitive performance following sleep deprivation. Physiology and Behavior, 2017, 180, 25-30.	1.0	10
57	Examining the time course of attention in a soccer kick using a dual task paradigm. Human Movement Science, 2013, 32, 240-248.	0.6	7
58	Caloric restriction, physical activity, and cognitive performance: A review of evidence and a discussion of the potential mediators of BDNF and TrkB. International Journal of Sport and Exercise Psychology, 2019, 17, 89-105.	1.1	7
59	Acute exercise, memory, and neural activation in young adults. International Journal of Psychophysiology, 2020, 158, 299-309.	0.5	7
60	Attentional Patterns of Horseshoe Pitchers at Two Levels of Task Difficulty. Research Quarterly for Exercise and Sport, 2001, 72, 293-298.	0.8	5
61	Physical Activity and Hormone-Replacement Therapy: Interactive Effects on Cognition?. Journal of Aging and Physical Activity, 2004, 12, 554-567.	0.5	5
62	The History of Research on Chronic Physical Activity and Cognitive Performance. , 2016, , 29-42.		5
63	Effects of an aerobic fitness test on short- and long-term memory in elementary-aged children. Journal of Sports Sciences, 2020, 38, 2264-2272.	1.0	5
64	Free-Throw Shooting During Dual-Task Performance: Implications for Attentional Demand and Performance. Research Quarterly for Exercise and Sport, 2009, 80, 718-726.	0.8	5
65	An External Focus of Attention is Effective for Balance Control when Sleep-deprived. International Journal of Exercise Science, 2018, 11, 84-94.	0.5	5
66	Physical Activity in the Prevention of Alzheimer's Disease. Kinesiology Review, 2015, 4, 28-38.	0.4	4
67	The effect of physical activity on cognition relative to APOE genotype (PAAD-2): study protocol for a phase II randomized control trial. BMC Neurology, 2020, 20, 231.	0.8	4
68	Research â€¦ How Fun Is That? Interesting Questions Relative to the Effects of Exercise on Cognitive Performance. Kinesiology Review, 2014, 3, 151-160.	0.4	3
69	Examining psychosocial correlates of physical activity and sedentary behavior in youth with and without HIV. PLoS ONE, 2019, 14, e0225890.	1.1	3
70	An innovative protocol for the artificial speech-directed, contactless administration of laboratory-based comprehensive cognitive assessments: PAAD-2 trial management during the COVID-19 pandemic. Contemporary Clinical Trials, 2021, 107, 106500.	0.8	3
71	Neuromotor and Neurocognitive Performance in Female American Football Players. Athletic Training & Sports Health Care, 2019, 11, 224-233.	0.4	2
72	Examining the Time Course of Attention During Golf Putts of Two Different Lengths in Experienced Golfers. Journal of Applied Sport Psychology, 2014, 26, 457-470.	1.4	1

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73	Chronic exercise and cognitive function: An update of current findings. International Journal of Sport and Exercise Psychology, 0, , 1-4.	1.1	1
74	Predicting cognitive performance from physical activity and fitness in adolescents and young adults in Botswana relative to HIV status. Scientific Reports, 2019, 9, 19583.	1.6	1
75	Effects of Acute Exercise on Memory Performance in Middle-Aged and Older Adults. Journal of Aging and Physical Activity, 2021, 29, 753-760.	0.5	1
76	The Differential Benefits Of Aerobic Fitness For Cognitive Performance As A Function Of ApoE Genotype. Medicine and Science in Sports and Exercise, 2005, 37, S462-S463.	0.2	1
77	A Comparison of the Effects of Outdoor Physical Activity and Indoor Classroom-Based Activities on Measures of Executive Function in Preschoolers. International Journal of Early Childhood, 0, , 1.	0.6	1
78	Considerations in Coaching Girls and Women in Sport and Physical Activity Settings. Women in Sport and Physical Activity Journal, 2011, 20, 98-100.	1.0	0
79	Physical Activity and Cognitive Function: Theoretical Bases, Mechanisms, and Moderators. , 2012, , .		0
80	Sleep Deprivation, Balance Control, And Attentional Focus. Medicine and Science in Sports and Exercise, 2016, 48, 141.	0.2	0
81	Resting-state Connectivity Differences In Alzheimerâ€™s Disease Risk. Medicine and Science in Sports and Exercise, 2017, 49, 825.	0.2	0
82	Beyond health messaging: a behavioural economics approach to increasing selfâ€selected distance during an acute bout of cycling. European Journal of Sport Science, 2018, 18, 1264-1270.	1.4	0
83	The use and meanings of prayer by recreational marathon runners. Journal of Leisure Research, 2020, 51, 147-164.	1.0	0
84	A Pilot Study to Examine Psychological Predictors of Exercise Adherence in Overweight Women. Medicine and Science in Sports and Exercise, 2006, 38, S570.	0.2	0
85	Pilot Study. Medicine and Science in Sports and Exercise, 2007, 39, S452.	0.2	0
86	The Role of Low Frequency Power in the Relationship Between Exercise and Memory. Medicine and Science in Sports and Exercise, 2018, 50, 86.	0.2	0
87	Letter from the outgoing editor: Interpreting JAPA's mission. Journal of Aging and Physical Activity, 2012, 20, 275-8.	0.5	0