

Phillip D Tomporowski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

5,725
citations

32
h-index

75
g-index

90
ext. papers

6,683
ext. citations

3
avg, IF

6.1
L-index

#	Paper	IF	Citations
80	Virtual reality-based distraction on pain, performance, and anxiety during and after moderate-vigorous intensity cycling.. <i>Physiology and Behavior</i> , 2022 , 113779	3.5	
79	A Qualitative Analysis of Concussion-Reporting Behavior in Collegiate Student-Athletes With a History of Sport-Related Concussion. <i>Journal of Athletic Training</i> , 2021 , 56, 92-100	4	2
78	Cognitive-Motor Dual Task Interference Effects on Declarative Memory: A Theory-Based Review. <i>Frontiers in Psychology</i> , 2020 , 11, 1015	3.4	11
77	Active Learning Norwegian Preschool(er)s (ACTNOW) - Design of a Cluster Randomized Controlled Trial of Staff Professional Development to Promote Physical Activity, Motor Skills, and Cognition in Preschoolers. <i>Frontiers in Psychology</i> , 2020 , 11, 1382	3.4	3
76	Effects of an After-School Program Focused on Physical Activity and Social-Emotional Learning. <i>Journal of Youth Development</i> , 2020 , 15, 292-305	1.8	2
75	Using the health belief model to predict concussion-reporting intentions and behaviour. <i>Brain Injury</i> , 2020 , 34, 16455-16465	2.1	0
74	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. <i>British Journal of Sports Medicine</i> , 2019 , 53, 640-647	10.3	176
73	Exercise, sports, and performance arts benefit cognition via a common process. <i>Psychological Bulletin</i> , 2019 , 145, 929-951	19.1	62
72	Variability of practice as an interface between motor and cognitive development. <i>International Journal of Sport and Exercise Psychology</i> , 2019 , 17, 133-152	2.5	35
71	Systematic review of acute physically active learning and classroom movement breaks on children's physical activity, cognition, academic performance and classroom behaviour: understanding critical design features. <i>BMJ Open Sport and Exercise Medicine</i> , 2018 , 4, e000341	3.4	89
70	Effects of the Timing of Acute Exercise and Movement Complexity on Young Adults' Psychomotor Learning. <i>Journal of Sport and Exercise Psychology</i> , 2018 , 40, 240-248	1.5	8
69	Acute effects of exercise on attentional bias in low and high anxious young adults. <i>Mental Health and Physical Activity</i> , 2017 , 12, 62-72	5	7
68	Exercise and Cognition-2016. <i>Pediatric Exercise Science</i> , 2017 , 29, 31-34	2	3
67	Effects of Isometric Hand-Grip Muscle Contraction on Young Adults' Free Recall and Recognition Memory. <i>Research Quarterly for Exercise and Sport</i> , 2017 , 88, 95-100	1.9	4
66	Driving after Concussion: Is It Safe To Drive after Symptoms Resolve?. <i>Journal of Neurotrauma</i> , 2017 , 34, 1571-1578	5.4	21
65	Exercise and Cognition. <i>Pediatric Exercise Science</i> , 2016 , 28, 23-7	2	4
64	From Efficacy to Effectiveness of a "Whole Child" Initiative of Physical Activity Promotion. <i>Translational Journal of the American College of Sports Medicine</i> , 2016 , 1, 18-29	1.1	6

63	Deliberate Play and Preparation Jointly Benefit Motor and Cognitive Development: Mediated and Moderated Effects. <i>Frontiers in Psychology</i> , 2016 , 7, 349	3.4	83
62	Physical Activity, Fitness, Cognitive Function, and Academic Achievement in Children: A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1223-4	1.2	80
61	The effects of exercise frequency on executive function in individuals with Parkinson's disease. <i>Mental Health and Physical Activity</i> , 2016 , 10, 18-24	5	4
60	Physical Activity, Fitness, Cognitive Function, and Academic Achievement in Children: A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1197-222	1.2	684
59	Mental engagement during cognitive and psychomotor tasks: Effects of task type, processing demands, and practice. <i>International Journal of Psychophysiology</i> , 2016 , 109, 124-131	2.9	17
58	Age Moderates the Association of Aerobic Exercise with Initial Learning of an Online Task Requiring Cognitive Control. <i>Journal of the International Neuropsychological Society</i> , 2015 , 21, 802-15	3.1	5
57	Independent Associations of Organized Physical Activity and Weight Status with Children's Cognitive Functioning: A Matched-Pairs Design. <i>Pediatric Exercise Science</i> , 2015 , 27, 477-87	2	15
56	Exercise and children's cognition: The role of exercise characteristics and a place for metacognition. <i>Journal of Sport and Health Science</i> , 2015 , 4, 47-55	8.2	145
55	Dual-task performance in young and older adults: speed-accuracy tradeoffs in choice responding while treadmill walking. <i>Journal of Aging and Physical Activity</i> , 2014 , 22, 557-63	1.6	14
54	Executive function moderates the role of muscular fitness in determining functional mobility in older adults. <i>Aging Clinical and Experimental Research</i> , 2013 , 25, 291-8	4.8	15
53	Global switch cost as an index for concussion assessment: reliability and stability. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1038-42	1.2	6
52	An Analysis of State Physical Education Policies. <i>Journal of Teaching in Physical Education</i> , 2012 , 31, 200-210		24
51	The influence of exercise-induced fatigue on cognitive function. <i>Journal of Sports Sciences</i> , 2012 , 30, 841-50	3.6	74
50	Effects of acute resistance exercise on late-middle-age adults' goal planning. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1773-9	1.2	32
49	Exercise improves executive function and achievement and alters brain activation in overweight children: a randomized, controlled trial. <i>Health Psychology</i> , 2011 , 30, 91-8	5	497
48	Balance performance with a cognitive task: a continuation of the dual-task testing paradigm. <i>Journal of Athletic Training</i> , 2011 , 46, 170-5	4	46
47	Physical activity interventions and children's mental function: an introduction and overview. <i>Preventive Medicine</i> , 2011 , 52 Suppl 1, S3-9	4.3	178
46	Effects of a physical education intervention on cognitive function in young children: randomized controlled pilot study. <i>BMC Pediatrics</i> , 2011 , 11, 97	2.6	63

45	Effects of acute exercise on sensory and executive processing tasks. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1396-402	1.2	73
44	The effect of exercise-induced arousal on cognitive task performance: a meta-regression analysis. <i>Brain Research</i> , 2010 , 1341, 12-24	3.7	626
43	Effects of backpack load on balance and decisional processes. <i>Military Medicine</i> , 2009 , 174, 1308-12	1.3	15
42	Sensitivity to change in cognitive performance and mood measures of energy and fatigue in response to morning caffeine alone or in combination with carbohydrate. <i>International Journal of Neuroscience</i> , 2009 , 119, 1239-58	2	32
41	Acute aerobic exercise and information processing: modulation of executive control in a Random Number Generation task. <i>Acta Psychologica</i> , 2009 , 132, 85-95	1.7	83
40	Dietary quercetin supplementation is not ergogenic in untrained men. <i>Journal of Applied Physiology</i> , 2009 , 107, 1095-104	3.7	66
39	Effects of acute exercise on executive processing, short-term and long-term memory. <i>Journal of Sports Sciences</i> , 2008 , 26, 333-44	3.6	189
38	Exercise and Children's Intelligence, Cognition, and Academic Achievement. <i>Educational Psychology Review</i> , 2008 , 20, 111-131	7.1	457
37	Acute aerobic exercise and information processing: energizing motor processes during a choice reaction time task. <i>Acta Psychologica</i> , 2008 , 129, 410-9	1.7	112
36	Effects of aerobic exercise on overweight children's cognitive functioning: a randomized controlled trial. <i>Research Quarterly for Exercise and Sport</i> , 2007 , 78, 510-9	1.9	136
35	Effects of Aerobic Exercise on Overweight Children's Cognitive Functioning: A Randomized Controlled Trial. <i>Research Quarterly for Exercise and Sport</i> , 2007 , 78, 510-519	1.9	106
34	Short-term effects of aerobic exercise on executive processing, memory, and emotional reactivity. <i>International Journal of Sport and Exercise Psychology</i> , 2006 , 4, 57-72	2.5	40
33	Aging and Concurrent Task Performance: Cognitive Demand and Motor Control. <i>Educational Gerontology</i> , 2006 , 32, 689-706	1.2	18
32	Balance performance with a cognitive task: a dual-task testing paradigm. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 689-95	1.2	49
31	Effects of exercise on neurocognitive functions. <i>International Journal of Sport and Exercise Psychology</i> , 2005 , 3, 363-379	2.5	3
30	Short-term effects of aerobic exercise on executive processes and emotional reactivity. <i>International Journal of Sport and Exercise Psychology</i> , 2005 , 3, 131-146	2.5	35
29	Aging And Concurrent Task Performance. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S109	1.2	
28	Cognitive and Behavioral Responses to Acute Exercise in Youths: A Review. <i>Pediatric Exercise Science</i> , 2003 , 15, 348-359	2	103

27	Effects of acute bouts of exercise on cognition. <i>Acta Psychologica</i> , 2003 , 112, 297-324	1.7	615
26	PERFORMANCE AND PERCEPTIONS OF WORKLOAD AMONG YOUNG AND OLDER ADULTS: EFFECTS OF PRACTICE DURING COGNITIVELY DEMANDING TASKS. <i>Educational Gerontology</i> , 2003 , 29, 447-466	1.2	16
25	Men's and women's perceptions of effort during progressive-resistance strength training. <i>Perceptual and Motor Skills</i> , 2001 , 92, 368-72	2.2	14
24	Effects of Memory Demand and Motivation on Sustained Attention in Young and Older Adults. <i>American Journal of Psychology</i> , 1996 , 109, 187	0.5	42
23	The immediate effects of strenuous exercise on free-recall memory. <i>Ergonomics</i> , 1987 , 30, 121-9	2.9	46
22	Effects of exercise on cognitive processes: A review.. <i>Psychological Bulletin</i> , 1986 , 99, 338-346	19.1	249
21	Effects of a Physical Fitness Training Program on the Exercise Behavior of institutionalized Mentally. Retarded Adults. <i>Adapted Physical Activity Quarterly</i> , 1985 , 2, 197-205	1.7	28
20	The effects of exercise on the health, intelligence, and adaptive behavior of institutionalized severely and profoundly mentally retarded adults: a systematic replication. <i>Applied Research in Mental Retardation</i> , 1985 , 6, 465-73		23
19	Effects of exercise on the physical fitness, intelligence, and adaptive behavior of institutionalized mentally retarded adults. <i>Applied Research in Mental Retardation</i> , 1984 , 5, 329-37		41
18	Training an autistic client: the effect of brief restraint on disruptive behavior. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 1983 , 14, 169-73	2.6	5
17	Contiguous Approach Conditioning: A Model for Negative Reinforcement. <i>Psychological Reports</i> , 1975 , 37, 851-856	1.6	3
16	Acute Exercise and Psychological Functions: A Cognitive-Energetic Approach1-39		18
15	An Integrated Approach to the Effect of Acute and Chronic Exercise on Cognition: The Linked Role of Individual and Task Constraints211-226		15
14	Exercise and Cognitive Function: A Neuroendocrinological Explanation41-68		16
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