

Exercise and Children's Intelligence, Cognition, and A

Educational Psychology Review

20, 111-131

DOI: [10.1007/s10648-007-9057-0](https://doi.org/10.1007/s10648-007-9057-0)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Task Switching in Overweight Children: Effects of Acute Exercise and Age. <i>Journal of Sport and Exercise Psychology</i> , 2008, 30, 497-511.	0.7	65
4	Cardiovascular fitness is associated with cognition in young adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20906-20911.	3.3	272
5	Fish intake of Swedish male adolescents is a predictor of cognitive performance. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 555-560.	0.7	76
6	Executive functions after age 5: Changes and correlates. <i>Developmental Review</i> , 2009, 29, 180-200.	2.6	651
7	The effect of acute treadmill walking on cognitive control and academic achievement in preadolescent children. <i>Neuroscience</i> , 2009, 159, 1044-1054.	1.1	578
8	Physical activity and mental performance in preadolescents: Effects of acute exercise on free-recall memory. <i>Mental Health and Physical Activity</i> , 2009, 2, 16-22.	0.9	204
9	The impact of physical activity and fitness on academic achievement and cognitive performance in children. <i>International Review of Sport and Exercise Psychology</i> , 2009, 2, 198-214.	3.1	107
10	The more physical inactivity, the more agitation in dementia. <i>International Psychogeriatrics</i> , 2010, 22, 1203-1208.	0.6	85
11	Teaching the Resistance Training Class: A Circuit Training Course Designed for the Strength and Conditioning Coach/Personal Trainer. <i>Strength and Conditioning Journal</i> , 2010, 32, 90-96.	0.7	8
12	The Relationship Between Physical Activity and Executive Function Performance in Children With Attention-Deficit Hyperactivity Disorder. <i>Journal of Sport and Exercise Psychology</i> , 2010, 32, 753-763.	0.7	106
13	Effects of physical activity on children's executive function: Contributions of experimental research on aerobic exercise. <i>Developmental Review</i> , 2010, 30, 331-351.	2.6	661
14	The effect of exercise-induced arousal on cognitive task performance: A meta-regression analysis. <i>Brain Research</i> , 2010, 1341, 12-24.	1.1	810
15	Effect of Acute Moderate Exercise on Cognitive Event-Related Potentials N100, P200, N200, and Interpeak Latencies. <i>Indian Journal of Psychological Medicine</i> , 2010, 32, 131-135.	0.6	22
16	Physical activity, emotional and behavioural problems, maternal education and self-reported educational performance of adolescents. <i>Health Education Research</i> , 2010, 25, 368-379.	1.0	51
17	Mental Health Benefits of Strength Training in Adults. <i>American Journal of Lifestyle Medicine</i> , 2010, 4, 377-396.	0.8	95
18	Physical Activity: The Future of Learning?. <i>Childhood Obesity</i> , 2010, 6, 345-346.	0.8	0
19	High intensity physical education classes and cognitive performance in eighth-grade students: An applied study. <i>International Journal of Sport and Exercise Psychology</i> , 2010, 8, 302-311.	1.1	21
20	Effects of incremental exercise on cerebral oxygenation measured by near-infrared spectroscopy: A systematic review. <i>Progress in Neurobiology</i> , 2010, 92, 134-150.	2.8	257

#	ARTICLE	IF	CITATIONS
21	Aerobic Fitness Thresholds Associated with Fifth Grade Academic Achievement. American Journal of Health Education, 2010, 41, 284-291.	0.3	31
22	Overview of the Texas Youth Fitness Study. Research Quarterly for Exercise and Sport, 2010, 81, S1-S5.	0.8	17
23	Executive functions in learning processes: Do they benefit from physical activity?. Educational Research Review, 2011, 6, 208-222.	4.1	78
24	The biological control of voluntary exercise, spontaneous physical activity and daily energy expenditure in relation to obesity: human and rodent perspectives. Journal of Experimental Biology, 2011, 214, 206-229.	0.8	365
25	The Role of Physical Activity in Pediatric Obesity. Pediatric Clinics of North America, 2011, 58, 1481-1491.	0.9	46
26	Physical activity and mental health in children and adolescents: a review of reviews. British Journal of Sports Medicine, 2011, 45, 886-895.	3.1	1,434
27	The effect of rhythmic exercises on cognition and behaviour of maltreated children: A pilot study. Journal of Bodywork and Movement Therapies, 2011, 15, 326-334.	0.5	8
28	Does the Association between Depressive Symptomatology and Physical Activity Depend on Body Image Perception? A Survey of Students from Seven Universities in the UK. International Journal of Environmental Research and Public Health, 2011, 8, 281-299.	1.2	35
29	Relationships Between Personal Biography and Changes in Preservice Classroom Teachers' Physical Activity Promotion Competence and Attitudes. Journal of Teaching in Physical Education, 2011, 30, 320-339.	0.9	31
30	Exercise improves executive function and achievement and alters brain activation in overweight children: A randomized, controlled trial.. Health Psychology, 2011, 30, 91-98.	1.3	636
31	Towards a more palatable treatment for Glut1 deficiency syndrome. Developmental Medicine and Child Neurology, 2011, 53, 580-581.	1.1	4
32	Benefits of exercise on cognitive performance in schoolchildren. Developmental Medicine and Child Neurology, 2011, 53, 580-580.	1.1	6
33	Fitness, fatness, cognition, behavior, and academic achievement among overweight children: Do cross-sectional associations correspond to exercise trial outcomes?. Preventive Medicine, 2011, 52, S65-S69.	1.6	126
34	Classroom-based physical activity, cognition, and academic achievement. Preventive Medicine, 2011, 52, S36-S42.	1.6	354
35	The effects of physical activity on attention deficit hyperactivity disorder symptoms: The evidence. Preventive Medicine, 2011, 52, S70-S74.	1.6	129
36	A review of chronic and acute physical activity participation on neuroelectric measures of brain health and cognition during childhood. Preventive Medicine, 2011, 52, S21-S28.	1.6	210
37	The association between school-based physical activity, including physical education, and academic performance: A systematic review of the literature. Preventive Medicine, 2011, 52, S10-S20.	1.6	459
38	Physical activity interventions and children's mental function: An introduction and overview. Preventive Medicine, 2011, 52, S3-S9.	1.6	222

#	ARTICLE	IF	CITATIONS
39	Relationship of aerobic fitness and motor skills with memory and attention in preschoolers (Ballabeina): A cross-sectional and longitudinal study. <i>BMC Pediatrics</i> , 2011, 11, 34.	0.7	129
40	Effects of a physical education intervention on cognitive function in young children: randomized controlled pilot study. <i>BMC Pediatrics</i> , 2011, 11, 97.	0.7	84
42	A Narrative Review of Physical Activity, Nutrition, and Obesity to Cognition and Scholastic Performance across the Human Lifespan. <i>Advances in Nutrition</i> , 2011, 2, 201S-206S.	2.9	101
43	Impoverished environment, cognition, aging and dementia. <i>Reviews in the Neurosciences</i> , 2011, 22, 259-266.	1.4	56
44	Exercise, brain, and cognition across the life span. <i>Journal of Applied Physiology</i> , 2011, 111, 1505-1513.	1.2	397
45	Youth violence and positive psychology: Research potential through integration.. <i>Canadian Psychology</i> , 2011, 52, 111-121.	1.4	25
46	Relation between Physical Activity and Academic Performance in 3rd-Year Secondary Education Students. <i>Perceptual and Motor Skills</i> , 2011, 113, 539-546.	0.6	21
47	Effects of Varying Type of Exertion on Children's Attention Capacity. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 550-555.	0.2	55
48	Societal Values and Policies May Curtail Preschool Children's Physical Activity in Child Care Centers. <i>Pediatrics</i> , 2012, 129, 265-274.	1.0	66
49	Nutritional quality of breakfast and physical activity independently predict the literacy and numeracy scores of children after adjusting for socioeconomic status. <i>Health Education Research</i> , 2012, 27, 975-985.	1.0	24
50	Developing adaptive exergames for adolescent children. , 2012, , .		7
51	Effects of a Culturally Tailored Physical Activity Promotion Program on Selected Self-Regulation Skills and Attitudes in Adolescents of an Underserved, Multiethnic Milieu. <i>American Journal of Health Promotion</i> , 2012, 26, e105-e115.	0.9	13
52	Effect of acute moderate exercise on cognitive P300 in persons having sedentary lifestyles. <i>International Journal of Applied & Basic Medical Research</i> , 2012, 2, 67.	0.2	14
53	Motor coordination, working memory, and academic achievement in a normative adolescent sample: Testing a mediation model. <i>Archives of Clinical Neuropsychology</i> , 2012, 27, 766-780.	0.3	57
54	Physical activity in child-care centers: do teachers hold the key to the playground?. <i>Health Education Research</i> , 2012, 27, 81-100.	1.0	135
55	Physical Education, Obesity, and Academic Achievement: A 2-Year Longitudinal Investigation of Australian Elementary School Children. <i>American Journal of Public Health</i> , 2012, 102, 368-374.	1.5	82
56	Cardiorespiratory Fitness in Survivors of Pediatric Posterior Fossa Tumor. <i>Journal of Pediatric Hematology/Oncology</i> , 2012, 34, e222-e227.	0.3	32
57	Adiposity and Physical Activity Are Not Related to Academic Achievement in School-Aged Children. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2012, 33, 486-494.	0.6	45

#	ARTICLE	IF	CITATIONS
58	Physical Activity and Intelligence: A Causal Exploration. <i>Journal of Physical Activity and Health</i> , 2012, 9, 218-224.	1.0	9
59	Schools With Fitter Children Achieve Better Literacy and Numeracy Results: Evidence of a School Cultural Effect. <i>Pediatric Exercise Science</i> , 2012, 24, 45-57.	0.5	26
60	Shifting the Focus From Quantitative to Qualitative Exercise Characteristics in Exercise and Cognition Research. <i>Journal of Sport and Exercise Psychology</i> , 2012, 34, 766-786.	0.7	246
61	Teasing and social rejection among obese children enrolling in family-based behavioural treatment: effects on psychological adjustment and academic competencies. <i>International Journal of Obesity</i> , 2012, 36, 35-44.	1.6	32
62	Exergaming immediately enhances children's executive function.. <i>Developmental Psychology</i> , 2012, 48, 1501-1510.	1.2	156
63	Effects of exercise intervention on event-related potential and task performance indices of attention networks in children with developmental coordination disorder. <i>Brain and Cognition</i> , 2012, 79, 12-22.	0.8	58
64	Rationale and study protocol for the supporting children's outcomes using rewards, exercise and skills (SCORES) group randomized controlled trial: A physical activity and fundamental movement skills intervention for primary schools in low-income communities. <i>BMC Public Health</i> , 2012, 12, 427.	1.2	38
65	The effects of exercise during pregnancy on the newborn's brain: study protocol for a randomized controlled trial. <i>Trials</i> , 2012, 13, 68.	0.7	10
66	Investigating links between moderate-to-vigorous physical activity and cognitive performance in elementary school students. <i>Mental Health and Physical Activity</i> , 2012, 5, 93-98.	0.9	24
67	Physical activity and academic achievement in children: A historical perspective. <i>Journal of Sport and Health Science</i> , 2012, 1, 160-169.	3.3	170
68	A Physical Activity Program Improves Behavior and Cognitive Functions in Children With ADHD. <i>Journal of Attention Disorders</i> , 2012, 16, 71-80.	1.5	191
69	Lack of Exercise Is a Major Cause of Chronic Diseases. , 2012, 2, 1143-1211.		1,673
70	Emerging Support for a Role of Exercise in Attention-Deficit/Hyperactivity Disorder Intervention Planning. <i>Current Psychiatry Reports</i> , 2012, 14, 543-551.	2.1	76
71	Assessment and identification of executive dysfunction. , 0, , 65-90.		38
72	Reflections on executive functioning. , 0, , 262-275.		1
74	A comparison of low- and high-impact forced exercise: Effects of training paradigm on learning and memory. <i>Physiology and Behavior</i> , 2012, 106, 423-427.	1.0	43
75	Physical Exercise Alleviates ADHD Symptoms: Regional Deficits and Development Trajectory. <i>Neurotoxicity Research</i> , 2012, 21, 195-209.	1.3	89
77	The interactive effects of physical fitness and acute aerobic exercise on electrophysiological coherence and cognitive performance in adolescents. <i>Experimental Brain Research</i> , 2013, 229, 85-96.	0.7	85

#	ARTICLE	IF	CITATIONS
78	The impacts of coordinative exercise on executive function in kindergarten children: an ERP study. <i>Experimental Brain Research</i> , 2013, 225, 187-196.	0.7	145
79	Physical activity and academic achievement across the curriculum (A + PAAC): rationale and design of a 3-year, cluster-randomized trial. <i>BMC Public Health</i> , 2013, 13, 307.	1.2	54
80	Nutrition and neurodevelopment in children: focus on NUTRIMENTHE project. <i>European Journal of Nutrition</i> , 2013, 52, 1825-1842.	1.8	103
81	Associations between executive attention and objectively measured physical activity in adolescence: Findings from ALSPAC, a UK cohort. <i>Mental Health and Physical Activity</i> , 2013, 6, 212-219.	0.9	56
82	Influence of acute and chronic physical activity on cognitive performance and saliva testosterone in preadolescent school children. <i>Mental Health and Physical Activity</i> , 2013, 6, 197-204.	0.9	35
83	Protection From Genetic Diathesis in Attention-Deficit/Hyperactivity Disorder: Possible Complementary Roles of Exercise. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 900-910.	0.3	31
84	The Healthy for Life Taekwondo pilot study: A preliminary evaluation of effects on executive function and BMI, feasibility, and acceptability. <i>Mental Health and Physical Activity</i> , 2013, 6, 181-188.	0.9	83
86	Physical fitness and academic performance in middle school students. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2013, 102, 832-837.	0.7	68
87	Incorporating Physical Activity Into the Schools Using a 3-Tiered Approach. <i>Journal of School Health</i> , 2013, 83, 290-297.	0.8	21
88	An 18-month follow-up investigation of motor coordination and working memory in primary school children. <i>Human Movement Science</i> , 2013, 32, 1116-1126.	0.6	23
89	Investigating the impact on fluid intelligence by playing N-Back games with a kinesthetic modality. , 2013, , .		3
90	Searching for cognitively optimal challenge point in physical activity for children with typical and atypical motor development. <i>Mental Health and Physical Activity</i> , 2013, 6, 172-180.	0.9	76
91	Running-induced epigenetic and gene expression changes in the adolescent brain. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 382-390.	0.7	106
92	Measuring self-regulation in a physically active context: Psychometric analyses of scores derived from an observer-rated measure of self-regulation. <i>Mental Health and Physical Activity</i> , 2013, 6, 189-196.	0.9	15
93	The Influence of Exercise on Cognitive Abilities. , 2013, 3, 403-428.		402
94	A preliminary randomized controlled study on the effectiveness of vestibular-specific neuromuscular training in children with hearing impairment. <i>Clinical Rehabilitation</i> , 2013, 27, 459-467.	1.0	11
95	Proactive and Reactive Effects of Vigorous Exercise on Learning and Vocabulary Comprehension. Perceptual and Motor Skills, 2013, 116, 918-928.	0.6	5
96	The Acute Effects of a Single Bout of Moderate-intensity Aerobic Exercise on Cognitive Functions in Healthy Adult Males. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2013, 7, 1883-5.	0.8	35

#	ARTICLE	IF	CITATIONS
97	The new Australian Health and Physical Education Curriculum: a case of/for gradualism in curriculum reform?. <i>Asia-Pacific Journal of Health, Sport and Physical Education</i> , 2013, 4, 95-108.	1.0	66
98	Social Policy and the Achievement Gap. <i>Education and Urban Society</i> , 2013, 45, 3-36.	0.8	15
99	Pilot Physical Activity Intervention Reduces Severity of ADHD Symptoms in Young Children. <i>Journal of Attention Disorders</i> , 2013, 17, 70-82.	1.5	127
100	Exercise. <i>Journal of Attention Disorders</i> , 2013, 17, 279-290.	1.5	62
101	Motor Ability and Inhibitory Processes in Children With ADHD: A Neuroelectric Study. <i>Journal of Sport and Exercise Psychology</i> , 2013, 35, 322-328.	0.7	26
102	Aerobic fitness and the attentional blink in preadolescent children.. <i>Neuropsychology</i> , 2013, 27, 642-653.	1.0	12
103	An fMRI investigation of working memory and its relationship with cardiorespiratory fitness in pediatric posterior fossa tumor survivors who received cranial radiation therapy. <i>Pediatric Blood and Cancer</i> , 2013, 60, 669-675.	0.8	24
104	Effects of Exergame Play on EF in Children and Adolescents at a Summer Camp for Low Income Youth. <i>Journal of Educational and Developmental Psychology</i> , 2013, 4, 209-225.	0.0	27
105	Exergaming in Youth. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2013, 221, 72-78.	0.7	63
106	The effects of physical activity on functional MRI activation associated with cognitive control in children: a randomized controlled intervention. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 72.	1.0	181
107	Cognitive and physiological effects of an acute physical activity intervention in elementary school children. <i>Frontiers in Psychology</i> , 2014, 5, 1473.	1.1	77
108	Physical Exercise Improves Cognition and Health in ADHD. <i>Journal of Novel Physiotherapies</i> , 2014, 04, .	0.1	2
109	Effects of a sport programme (Box'Tag [®]) on disadvantaged youth participants. <i>International Journal of Sport and Exercise Psychology</i> , 2014, 12, 258-272.	1.1	8
110	II. PHYSICAL ACTIVITY: MEASUREMENT AND BEHAVIORAL PATTERNS IN CHILDREN AND YOUTH. <i>Monographs of the Society for Research in Child Development</i> , 2014, 79, 7-24.	6.8	9
111	Make your garden grow: designing a physical activity estimation improvement game. , 2014, , .		7
112	Play, Games and Cognitive Development: Late Nineteenth-Century and Early Twentieth-Century Physicians, Neurologists, Psychologists and Others Already Knew What Researchers Are Proclaiming Today. <i>International Journal of the History of Sport</i> , 2014, 31, 1012-1032.	0.4	3
113	Physical exercise and executive functions in preadolescent children, adolescents and young adults: a meta-analysis. <i>British Journal of Sports Medicine</i> , 2014, 48, 973-979.	3.1	400
114	Active kids active minds: a physical activity intervention to promote learning?. <i>Asia-Pacific Journal of Health, Sport and Physical Education</i> , 2014, 5, 117-131.	1.0	6

#	ARTICLE	IF	CITATIONS
115	The Association Between Physical Fitness and Academic Achievement in Texas State House Legislative Districts: An Ecologic Study. <i>Journal of School Health</i> , 2014, 84, 533-542.	0.8	18
116	LCoMotion – Learning, Cognition and Motion; a multicomponent cluster randomized school-based intervention aimed at increasing learning and cognition - rationale, design and methods. <i>BMC Public Health</i> , 2014, 14, 967.	1.2	10
117	A holistic school-based intervention for improving health-related knowledge, body composition, and fitness in elementary school students: an evaluation of the HealthMPowers program. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014, 11, 78.	2.0	33
118	Nutrition, lifestyle factors, and mental health in adolescents and young adults living in Austria. <i>International Journal of Adolescent Medicine and Health</i> , 2014, 26, 377-386.	0.6	19
119	Using Antecedent Physical Activity to Increase On-Task Behavior in Young Children. <i>Exceptional Children</i> , 2014, 80, 489-503.	1.4	15
120	Children’s School Readiness. <i>Health Education and Behavior</i> , 2014, 41, 25-33.	1.3	38
121	Reduced Tic Symptomatology in Tourette Syndrome After an Acute Bout of Exercise. <i>Behavior Modification</i> , 2014, 38, 235-263.	1.1	20
122	Effects of daily energy expenditure on academic performance of elementary students in Taiwan. <i>Japan Journal of Nursing Science</i> , 2014, 11, 1-9.	0.5	3
123	Colour discrimination and associative learning in hatchling lizards incubated at hot and cold temperatures. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 239-247.	0.6	52
124	Early childhood physical activity, sedentary behaviors and psychosocial well-being: A systematic review. <i>Preventive Medicine</i> , 2014, 62, 182-192.	1.6	101
125	Exploring Daily Physical Activity and Nutrition Patterns in Early Learning Settings: Snapshots of Young Children in Head Start, Primary, and After-School Settings. <i>Early Childhood Education Journal</i> , 2014, 42, 133-142.	1.6	4
126	Using Physical Activity to Teach Academic Content: A Study of the Effects on Literacy in Head Start Preschoolers. <i>Early Childhood Education Journal</i> , 2014, 42, 181-189.	1.6	33
127	Acute exercise induces cortical inhibition and reduces arousal in response to visual stimulation in young children. <i>International Journal of Developmental Neuroscience</i> , 2014, 34, 1-8.	0.7	26
128	Gender processes in school functioning and the mediating role of cognitive self-regulation. <i>Journal of Applied Developmental Psychology</i> , 2014, 35, 128-137.	0.8	25
129	The relation of aerobic fitness to cognitive control and heart rate variability: A neurovisceral integration study. <i>Biological Psychology</i> , 2014, 99, 26-33.	1.1	42
130	Academic Performance in Relation to Adherence to the Mediterranean Diet and Energy Balance Behaviors in Greek Primary Schoolchildren. <i>Journal of Nutrition Education and Behavior</i> , 2014, 46, 164-170.	0.3	49
131	Cognitively challenging physical activity benefits executive function in overweight children. <i>Journal of Sports Sciences</i> , 2014, 32, 201-211.	1.0	134
132	Assessing the Relationship Between Youth Sport Participation Settings and Creativity in Adulthood. <i>Creativity Research Journal</i> , 2014, 26, 314-327.	1.7	39

#	ARTICLE	IF	CITATIONS
133	Physical activity “ academic achievement: student and teacher perspectives on the “new”™ nexus. <i>Physical Education and Sport Pedagogy</i> , 2014, 19, 436-449.	1.8	13
134	Health, Physical Activity, and Academic Achievement: The Role of Teachers, Schools, and Communities. <i>Journal of Physical Education, Recreation and Dance</i> , 2014, 85, 8-10.	0.1	4
135	Influence of Affective Changes on Behavioral and Cognitive Performances After Acute Bout of Exhaustive Exercise. <i>Journal of Psychophysiology</i> , 2014, 28, 1-10.	0.3	3
136	Active commuting to school, cognitive performance, and academic achievement: an observational study in Dutch adolescents using accelerometers. <i>BMC Public Health</i> , 2014, 14, 799.	1.2	34
137	Rationale and study protocol of the EASY Minds (Encouraging Activity to Stimulate Young Minds) program: cluster randomized controlled trial of a primary school-based physical activity integration program for mathematics. <i>BMC Public Health</i> , 2014, 14, 816.	1.2	17
138	Egg incubation effects generate positive correlations between size, speed and learning ability in young lizards. <i>Animal Cognition</i> , 2014, 17, 337-347.	0.9	46
139	Healthy Body, Healthy Mind?. <i>Child and Adolescent Psychiatric Clinics of North America</i> , 2014, 23, 899-936.	1.0	52
140	Achievement in mathematics and language is linked to regular physical activity: a population study in Chilean youth. <i>Journal of Sports Sciences</i> , 2014, 32, 1631-1638.	1.0	13
141	A Physical Education trial improves adolescents' cognitive performance and academic achievement: the <sc>EDUFIT</sc> study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, e52-61.	1.3	141
142	Chronic exercise keeps working memory and inhibitory capacities fit. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 49.	1.0	39
143	A Brief Exploration of Measurement and Evaluation in Kinesiology. <i>Kinesiology Review</i> , 2014, 3, 80-91.	0.4	1
144	The Learning Feature of Deep Knowledge and Its Relationship With Exercise. <i>SAGE Open</i> , 2014, 4, 215824401453541.	0.8	0
145	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, 802-815.	1.2	8
146	Critical Connections: Health and Academics. <i>Journal of School Health</i> , 2015, 85, 740-758.	0.8	155
147	Effectiveness of a School-Based Fitness Program on Youths’™ Physical and Psychosocial Health Outcomes. <i>Pediatric Exercise Science</i> , 2015, 27, 546-557.	0.5	8
148	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, 477-487.	0.5	19
149	Cognitively Engaging Chronic Physical Activity, But Not Aerobic Exercise, Affects Executive Functions in Primary School Children: A Group-Randomized Controlled Trial. <i>Journal of Sport and Exercise Psychology</i> , 2015, 37, 575-591.	0.7	187
151	Physical activity intervention (Movi-Kids) on improving academic achievement and adiposity in preschoolers with or without attention deficit hyperactivity disorder: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 456.	0.7	27

#	ARTICLE	IF	CITATIONS
152	Sport-2-Stay-Fit study: Health effects of after-school sport participation in children and adolescents with a chronic disease or physical disability. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2015, 7, 22.	0.7	20
153	Validation of parent-reported physical activity and sedentary time by accelerometry in young children. <i>BMC Research Notes</i> , 2015, 8, 735.	0.6	56
154	Health in Adapted Youth Sports Study (HAYS): health effects of sports participation in children and adolescents with a chronic disease or physical disability. <i>SpringerPlus</i> , 2015, 4, 796.	1.2	14
155	The effects of physical exercise in children with attention deficit hyperactivity disorder: a systematic review and meta-analysis of randomized control trials. <i>Child: Care, Health and Development</i> , 2015, 41, 779-788.	0.8	171
156	Effect of Structured and Unstructured Physical Activity Training on Cognitive Functions in Adolescents – A Randomized Control Trial. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2015, 9, CC04-9.	0.8	11
157	Impacts of coordinative training on normal weight and overweight/obese children's attentional performance. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 577.	1.0	37
158	The relationship between physical activity level and healthy life-style behaviors of distance education students. <i>Educational Research and Reviews</i> , 2015, 10, 416-422.	0.3	4
159	Investigation of the relationship between physical activity level and healthy life-style behaviors of academic staff. <i>Educational Research and Reviews</i> , 2015, 10, 577-581.	0.3	8
160	The Role of Aerobic Fitness in Cortical Thickness and Mathematics Achievement in Preadolescent Children. <i>PLoS ONE</i> , 2015, 10, e0134115.	1.1	83
161	Investigating the motivational behavior of pupils during outdoor science teaching within self-determination theory. <i>Frontiers in Psychology</i> , 2015, 6, 125.	1.1	54
162	Application of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Number Based Modeling in Psychological Research. <i>Computational Intelligence and Neuroscience</i> , 2015, 2015, 1-7.	1.1	25
163	The Influence of a Structured Physical Education Plan on Preschool Children's Psychomotor Development Profiles. <i>Australasian Journal of Early Childhood</i> , 2015, 40, 68-77.	0.8	22
164	An exploration of life skill development through sport in three international high schools. <i>Qualitative Research in Sport, Exercise and Health</i> , 2015, 7, 759-775.	3.3	16
165	Physical activity, physical fitness and academic achievement in adolescents: a self-organizing maps approach. <i>Health Education Research</i> , 2015, 30, 436-448.	1.0	38
166	A randomized controlled design investigating the effects of classroom-based physical activity on children's fluid intelligence and achievement. <i>School Psychology International</i> , 2015, 36, 135-153.	1.1	50
167	Gross-motor Skills for Potential Intelligence Descriptive Study in a Kindergarten. <i>Procedia, Social and Behavioral Sciences</i> , 2015, 174, 3797-3804.	0.5	4
168	Gender-based differences in school travel mode choice behaviour: Examining the relationship between the neighbourhood environment and perceived traffic safety. <i>Journal of Transport and Health</i> , 2015, 2, 502-511.	1.1	51
169	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.	3.3	215

#	ARTICLE	IF	CITATIONS
170	Associations between grades and physical activity and food choices. <i>Health Education</i> , 2015, 115, 141-151.	0.4	7
171	Physical activity and dementia: Long-term follow-up study of adult twins. <i>Annals of Medicine</i> , 2015, 47, 81-87.	1.5	39
172	Associations between Extracurricular Activity and Self-Regulation: A Longitudinal Study from 5 to 10 Years of Age. <i>American Journal of Health Promotion</i> , 2015, 30, e32-e40.	0.9	24
174	Fostering Self-Regulation Through Curriculum Infusion of Mindful Yoga: A Pilot Study of Efficacy and Feasibility. <i>Journal of Child and Family Studies</i> , 2015, 24, 3448-3461.	0.7	42
175	Domain dependent associations between cognitive functioning and regular voluntary exercise behavior. <i>Brain and Cognition</i> , 2015, 97, 32-39.	0.8	9
176	The effects of school physical education grants on obesity, fitness, and academic achievement. <i>Preventive Medicine</i> , 2015, 78, 44-51.	1.6	9
177	Brains and Brawn: Complex Motor Activities to Maximize Cognitive Enhancement. <i>Educational Psychology Review</i> , 2015, 27, 475-482.	5.1	28
178	Potential Role of Exercise in Retinal Health. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 134, 491-502.	0.9	6
179	Preschool Children's Foreign Language Vocabulary Learning by Embodying Words Through Physical Activity and Gesturing. <i>Educational Psychology Review</i> , 2015, 27, 445-456.	5.1	68
180	The effect of stand-biased desks on academic engagement: an exploratory study. <i>International Journal of Health Promotion and Education</i> , 2015, 53, 271-280.	0.4	40
181	The Relationship of Physical Fitness, Self-Beliefs, and Social Support to the Academic Performance of Middle School Boys and Girls. <i>Journal of Early Adolescence</i> , 2015, 35, 353-377.	1.1	15
182	Translating school health research to policy. School outcomes related to the health environment and changes in mathematics achievement. <i>Appetite</i> , 2015, 93, 91-95.	1.8	7
184	Effects of Integrated Physical Exercises and Gestures on Preschool Children's Foreign Language Vocabulary Learning. <i>Educational Psychology Review</i> , 2015, 27, 413-426.	5.1	128
185	Physical activity and brain development. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 1041-1051.	1.4	51
186	Acute physical activity and delayed attention in primary school students. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, e331-8.	1.3	50
187	Mind Your Body: the Essential Role of Body Movements in Children's Learning. <i>Educational Psychology Review</i> , 2015, 27, 365-370.	5.1	31
188	The effect of physical activity on spatial perception and attention in early childhood. <i>Cognitive Development</i> , 2015, 36, 31-39.	0.7	12
190	The relationship between motor coordination and executive functions in 4th grade children. <i>European Journal of Developmental Psychology</i> , 2015, 12, 129-141.	1.0	21

#	ARTICLE	IF	CITATIONS
191	â€œCogito ergo sumâ€•or â€œambulo ergo sumâ€•? New Perspectives in Developmental Exercise and Cognition Research. , 2016, , 251-282.		32
192	The latest in dementia prevention: A review of the promising role of aerobic exercise . Journal of Allied Health Sciences, 2016, 7, 37-45.	0.0	0
193	Examination of Academic Achievement in Early Adolescence: A Comparison for Adolescence with Visual Impairments Doing Sport or Not Doing Sport. Journal of Education and Learning, 2016, 5, 265.	0.2	0
194	The Influence of Health Behaviours in Childhood on Attention Deficit and Hyperactivity Disorder in Adolescence. Nutrients, 2016, 8, 788.	1.7	18
195	The Investigation of the Relation between Physical Activity and Academic Success. Journal of Education and Learning, 2016, 6, 122.	0.2	2
196	AssociaÃ§Ã£o entre a aptidÃ£o fÃsica relacionada Ã saÃºde e o desempenho acadÃmico em adolescentes. Revista Brasileira De Cineantropometria E Desempenho Humano, 2016, 18, 441.	0.5	6
197	Aerobic Exercise as a Tool to Improve Hippocampal Plasticity and Function in Humans: Practical Implications for Mental Health Treatment. Frontiers in Human Neuroscience, 2016, 10, 373.	1.0	98
198	Standing Up for Learning: A Pilot Investigation on the Neurocognitive Benefits of Stand-Biased School Desks. International Journal of Environmental Research and Public Health, 2016, 13, 59.	1.2	56
199	Motor Skills and Exercise Capacity Are Associated with Objective Measures of Cognitive Functions and Academic Performance in Preadolescent Children. PLoS ONE, 2016, 11, e0161960.	1.1	87
200	Associations of Physical Activity, Sports Participation and Active Commuting on Mathematic Performance and Inhibitory Control in Adolescents. PLoS ONE, 2016, 11, e0146319.	1.1	32
201	Children Reading to Dogs: A Systematic Review of the Literature. PLoS ONE, 2016, 11, e0149759.	1.1	84
202	Acute Cognitively Engaging Exergame-Based Physical Activity Enhances Executive Functions in Adolescents. PLoS ONE, 2016, 11, e0167501.	1.1	89
203	Developmental Learning Disorders: From Generic Interventions to Individualized Remediation. Frontiers in Psychology, 2015, 6, 2053.	1.1	13
204	Reliability and Validity of the Physical Education Activities Scale. Journal of School Health, 2016, 86, 424-434.	0.8	3
205	Randomized Controlled Trial of Exercise for ADHD and Disruptive Behavior Disorders. Medicine and Science in Sports and Exercise, 2016, 48, 1397-1407.	0.2	42
206	Effects of Motor versus Cardiovascular Exercise Training on Childrenâ€™s Working Memory. Medicine and Science in Sports and Exercise, 2016, 48, 1144-1152.	0.2	106
207	Turkish adaptation of the educational-learning capital questionnaire: Results for gifted and non-gifted students. Gifted and Talented International, 2016, 31, 102-113.	0.2	1
208	Investigating learning through developmental dance movement as a kinaesthetic tool in the Early Years Foundation Stage. Research in Dance Education, 2016, 17, 235-267.	0.6	7

#	ARTICLE	IF	CITATIONS
209	Increasing Children's Physical Activity Levels Through Biosymtic Robotic Devices. , 2016, , .		7
210	Feasibility of an Intergenerational-Physical-Activity Leadership Intervention. Journal of Intergenerational Relationships, 2016, 14, 220-241.	0.5	15
211	Conclusions about interventions, programs, and approaches for improving executive functions that appear justified and those that, despite much hype, do not. Developmental Cognitive Neuroscience, 2016, 18, 34-48.	1.9	655
212	Context-Specific Associations of Physical Activity and Sedentary Behavior With Cognition in Children. American Journal of Epidemiology, 2016, 183, 1075-1082.	1.6	38
213	Active video gaming improves body coordination in survivors of childhood brain tumours. Disability and Rehabilitation, 2016, 38, 2073-2084.	0.9	50
214	Iranian adolescentsâ€™ insufficient physical activity: a mixed methods explanatory sequential study. International Journal of Adolescent Medicine and Health, 2016, 28, 79-89.	0.6	7
215	Correlation of Motor Abilities and Executive Functions in Children With ADHD. Applied Neuropsychology: Child, 2016, 5, 138-148.	0.7	12
216	The effects of physical activity interventions on psychosocial outcomes in adolescents: A meta-analytic review. Clinical Psychology Review, 2016, 45, 56-71.	6.0	149
217	The Influence of Acute Physical Activity on Working Memory. Perceptual and Motor Skills, 2016, 122, 365-374.	0.6	26
218	Effects of physical activity on schoolchildren's academic performance: The Active Smarter Kids (ASK) cluster-randomized controlled trial. Preventive Medicine, 2016, 91, 322-328.	1.6	121
220	Sedentary behavior and not physical activity predicts study progress in distance education. Learning and Individual Differences, 2016, 49, 224-229.	1.5	7
221	A Meta-Analytic Review of the Efficacy of Physical Exercise Interventions on Cognition in Individuals with Autism Spectrum Disorder and ADHD. Journal of Autism and Developmental Disorders, 2016, 46, 3126-3143.	1.7	93
222	Possible Link Between Medical Students' Motivation for Academic Work and Time Engaged in Physical Exercise. Mind, Brain, and Education, 2016, 10, 264-271.	0.9	3
223	Impact of National Physical Activity and Health Guidelines and Documents on Research on Teaching K-12 Physical Education in U.S.A.. Journal of Teaching in Physical Education, 2016, 35, 85-96.	0.9	7
224	Exercise and Cognition. Pediatric Exercise Science, 2016, 28, 23-27.	0.5	4
225	Associations Between Physical Fitness and Childrenâ€™s Psychological Well-Being. Journal of Clinical Sport Psychology, 2016, 10, 32-47.	0.6	17
226	Infusing Physical Activities Into the Classroom: Effects on Preschool Children's Geography Learning. Mind, Brain, and Education, 2016, 10, 256-263.	0.9	52
227	The effect of body-movement teaching, learning motivation and performance. Meditari Accountancy Research, 2016, 24, 414-437.	2.4	7

#	ARTICLE	IF	CITATIONS
228	Movement as Behavioral Moderator: What Does the Research Say?. <i>Advances in Learning and Behavioral Disabilities</i> , 2016, , 111-134.	0.3	2
229	Intellectual maturity and physical fitness in preschool children. <i>Pediatrics International</i> , 2016, 58, 450-455.	0.2	21
230	Investigation of the validity and reliability of a smartphone pedometer application. <i>European Journal of Physiotherapy</i> , 2016, 18, 185-193.	0.7	9
231	Physical Activity Interventions for Neurocognitive and Academic Performance in Overweight and Obese Youth. <i>Pediatric Clinics of North America</i> , 2016, 63, 459-480.	0.9	24
232	The impact of children's exposure to greenspace on physical activity, cognitive development, emotional wellbeing, and ability to appraise risk. <i>Health and Place</i> , 2016, 40, 44-50.	1.5	135
233	Dancer perceptions of the cognitive, social, emotional, and physical benefits of modern styles of partnered dancing. <i>Complementary Therapies in Medicine</i> , 2016, 26, 117-122.	1.3	32
234	Improving Children's Coordinative Skills and Executive Functions. <i>Perceptual and Motor Skills</i> , 2016, 122, 27-46.	0.6	89
236	Move to Learn, Learn to Move: Prioritizing Physical Activity in Early Childhood Education Programming. <i>Early Childhood Education Journal</i> , 2016, 44, 409-417.	1.6	22
237	Relationship between motor and cognitive learning abilities among primary school-aged children. <i>Alexandria Journal of Medicine</i> , 2017, 53, 325-331.	0.4	31
238	Supporting Positive School Outcomes Through School-Based Physical Activity Intervention: Current Evidence and Resources. <i>Intervention in School and Clinic</i> , 2017, 53, 120-125.	0.8	3
239	Rehabilitation for children and young people surviving a brain tumor, and their transition to adult services: the main challenges. <i>Expert Review of Quality of Life in Cancer Care</i> , 2017, 2, 137-152.	0.6	5
240	Effects of Integrating Physical Activities Into a Science Lesson on Preschool Children's Learning and Enjoyment. <i>Applied Cognitive Psychology</i> , 2017, 31, 281-290.	0.9	60
241	Associations of Physical Fitness and Motor Competence With Reading Skills in 9- and 12-Year-Old Children: A Longitudinal Study. <i>SAGE Open</i> , 2017, 7, 215824401771276.	0.8	11
242	Physical activity and cognitive function among older adults with hypertension. <i>Journal of Hypertension</i> , 2017, 35, 1271-1275.	0.3	9
243	Obesity, Visceral Adipose Tissue, and Cognitive Function in Childhood. <i>Journal of Pediatrics</i> , 2017, 187, 134-140.e3.	0.9	27
244	Effect of Active Lessons on Physical Activity, Academic, and Health Outcomes: A Systematic Review. <i>Research Quarterly for Exercise and Sport</i> , 2017, 88, 149-168.	0.8	77
246	Cardiorespiratory fitness, but not physical activity, is associated with academic achievement in children and adolescents. <i>Annals of Human Biology</i> , 2017, 44, 309-315.	0.4	14
247	Human-Animal Interaction Research in School Settings: Current Knowledge and Future Directions. <i>AERA Open</i> , 2017, 3, 233285841772434.	1.3	33

#	ARTICLE	IF	CITATIONS
248	Self-Regulation in Childhood: A Developmental Perspective. Autism and Child Psychopathology Series, 2017, , 149-173.	0.1	3
249	The Effects of Maximal Intensity Exercise on Cognitive Performance in Children. Journal of Human Kinetics, 2017, 57, 85-96.	0.7	30
250	Role of Inactivity in Chronic Diseases: Evolutionary Insight and Pathophysiological Mechanisms. Physiological Reviews, 2017, 97, 1351-1402.	13.1	422
251	Creativity and physical fitness in primary school-aged children. Pediatrics International, 2017, 59, 1194-1199.	0.2	17
252	Academic Achievement and Physical Activity: A Meta-analysis. Pediatrics, 2017, 140, .	1.0	215
253	“It Doesn’t Feel Like a Job to Learn”: Preservice Elementary Teachers’ Perceptions of Dance-Themed Mathematics Education. Journal of Dance Education, 2017, 17, 138-146.	0.2	8
254	Are children participating in a quasi-experimental education outside the classroom intervention more physically active?. BMC Public Health, 2017, 17, 523.	1.2	46
255	The Effect of Physical Activity Interventions on Children’s Cognition and Metacognition: A Systematic Review and Meta-Analysis. Journal of the American Academy of Child and Adolescent Psychiatry, 2017, 56, 729-738.	0.3	275
256	Children’s physical activity during a segmented school week: results from a quasi-experimental education outside the classroom intervention. International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 80.	2.0	30
257	Sport, physical activity and educational achievement – towards an explanatory model. Sport in Society, 2017, 20, 768-788.	0.8	33
258	Influence of physical fitness on cognitive and academic performance in adolescents: A systematic review from 2005–2015. International Review of Sport and Exercise Psychology, 2017, 10, 108-133.	3.1	75
259	Physical fitness in preschool children: association with sex, age and weight status. Child: Care, Health and Development, 2017, 43, 267-273.	0.8	32
260	Physical education and academic achievement – literature review 1997–2015. Journal of Curriculum Studies, 2017, 49, 703-721.	1.2	18
261	Health game interventions to enhance physical activity self-efficacy of children: a quantitative systematic review. Journal of Advanced Nursing, 2017, 73, 794-811.	1.5	43
262	Individual classification of elementary school children’s physical activity: A time-efficient, group-based approach to reference measurements. Behavior Research Methods, 2017, 49, 685-697.	2.3	10
263	Strategies for Integrating Elementary Classroom Concepts and Physical Activity. Strategies, 2017, 30, 53-58.	0.2	0
264	College/University Instructional Physical Activity Programs and Academic Success in Higher Education. International Journal of Kinesiology in Higher Education, 2017, 1, 100-106.	0.3	14
265	A Preliminary Examination of Aerobic Exercise Effects on Resting EEG in Children With ADHD. Journal of Attention Disorders, 2017, 21, 898-903.	1.5	18

#	ARTICLE	IF	CITATIONS
266	Relationships between Motor and Executive Functions and the Effect of an Acute Coordinative Intervention on Executive Functions in Kindergartners. <i>Frontiers in Psychology</i> , 2017, 8, 859.	1.1	48
267	Physical fitness as an indicator of health status and its relationship to academic performance during the prepubertal period. <i>Health Promotion Perspectives</i> , 2017, 7, 197-204.	0.8	11
268	Effects of physical activity on debilitating behaviours in 13- to 20-year-old males with severe autism spectrum disorder. <i>Journal of Exercise Rehabilitation</i> , 2017, 13, 340-347.	0.4	6
269	Cognitive, not physical, engagement in video gaming influences executive functioning. <i>Journal of Cognition and Development</i> , 2018, 19, 1-20.	0.6	26
270	The Impact of a Rock Climbing Program for Adolescents with Autism Spectrum Disorder: A Pilot Study. <i>International Journal of Kinesiology in Higher Education</i> , 2018, 2, 113-126.	0.3	5
271	A Classroom-Based Physical Activity Intervention for Elementary Student On-Task Behavior. <i>Journal of Applied School Psychology</i> , 2018, 34, 259-274.	0.4	6
272	Executive functions, visual-motor coordination, physical fitness and academic achievement: Longitudinal relations in typically developing children. <i>Human Movement Science</i> , 2018, 58, 69-79.	0.6	65
273	Effects of a physical activity programme in the school setting on physical fitness in preschool children. <i>Child: Care, Health and Development</i> , 2018, 44, 427-432.	0.8	15
274	Association of School-Based Physical Activity Opportunities, Socioeconomic Status, and Third-Grade Reading. <i>Journal of School Health</i> , 2018, 88, 34-43.	0.8	12
275	The Brainfit study: efficacy of cognitive training and exergaming in pediatric cancer survivors – a randomized controlled trial. <i>BMC Cancer</i> , 2018, 18, 18.	1.1	30
276	A stepped-wedge implementation and evaluation of the healthy active peaceful playgrounds for youth (HAPPY) intervention. <i>BMC Public Health</i> , 2018, 18, 532.	1.2	4
277	The Association of Health-Related Fitness and Chronic Absenteeism Status in New York City Middle School Youth. <i>Journal of Physical Activity and Health</i> , 2018, 15, 483-491.	1.0	1
278	Differential changes in the development of motor coordination and executive functions in children with motor coordination impairments. <i>Child Neuropsychology</i> , 2018, 24, 20-45.	0.8	28
279	The influence of race/ethnicity and physical activity levels on elementary school achievement. <i>Journal of Educational Research</i> , 2018, 111, 473-486.	0.8	5
280	Immediate and delayed effects of integrating physical activity into preschool children's learning of numeracy skills. <i>Journal of Experimental Child Psychology</i> , 2018, 166, 502-519.	0.7	61
281	Association between physical fitness and cognitive performance in 19-24-year old males. <i>Biology of Sport</i> , 2018, 35, 355-362.	1.7	10
282	Goal-Directed, Nature-Based Physical Activity Training Program Improves Personal Management Behavior of an Adolescent Female with Attention Deficit-Hyperactivity Disorder. <i>Ecopsychology</i> , 2018, 10, 301-316.	0.8	0
283	Association Between Physical Activity and Cognitive Function Among a National Sample of Adults With Diabetes. <i>Cardiopulmonary Physical Therapy Journal</i> , 2018, 29, 81-87.	0.2	2

#	ARTICLE	IF	CITATIONS
284	A Narrative Review of School-Based Physical Activity for Enhancing Cognition and Learning: The Importance of Relevancy and Integration. <i>Frontiers in Psychology</i> , 2018, 9, 2079.	1.1	54
285	Effect of a 20-week physical activity intervention on selective attention and academic performance in children living in disadvantaged neighborhoods: A cluster randomized control trial. <i>PLoS ONE</i> , 2018, 13, e0206908.	1.1	28
286	Physical Activity and Academic Performance: The Mediating Effect of Self-Esteem and Depression. <i>Sustainability</i> , 2018, 10, 3633.	1.6	21
287	Beyond Physical Exercise. , 2018, , 373-384.		0
288	How to play 20 questions with nature and lose: Reflections on 100 years of brain-training research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9897-9904.	3.3	49
289	No Association Between Active Commuting to School, Adiposity, Fitness, and Cognition in Spanish Children: The MOVIA€KIDS Study. <i>Journal of School Health</i> , 2018, 88, 839-846.	0.8	14
290	Second language acquisition effects of a primary physical education intervention: A pilot study with young refugees. <i>PLoS ONE</i> , 2018, 13, e0203664.	1.1	10
291	Feasibility of implementing an outdoor walking break in Italian middle schools. <i>PLoS ONE</i> , 2018, 13, e0202091.	1.1	15
292	Relationship between perceived physical literacy and physical activity levels among Hong Kong adolescents. <i>PLoS ONE</i> , 2018, 13, e0203105.	1.1	41
293	The relationship between motor proficiency and reading ability in Year 1 children: a cross-sectional study. <i>BMC Pediatrics</i> , 2018, 18, 294.	0.7	6
294	Relationships Between Motor Proficiency and Academic Performance in Mathematics and Reading in School-Aged Children and Adolescents: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1603.	1.2	65
295	Physical Fitness, Grit, School Attendance, and Academic Performance among Adolescents. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	35
296	Movement maintains forebrain neurogenesis via peripheral neural feedback in larval zebrafish. <i>ELife</i> , 2018, 7, .	2.8	18
297	The Effect of an Authentic Acute Physical Education Session of Dance on Elementary Studentsâ€™ Selective Attention. <i>BioMed Research International</i> , 2018, 2018, 1-8.	0.9	17
299	Impact of Coordinated-Bilateral Physical Activities on Attention and Concentration in School-Aged Children. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	21
300	Implementation of Brain Breaks® in the Classroom and Effects on Attitudes toward Physical Activity in a Macedonian School Setting. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1127.	1.2	24
301	Cross sectional associations of screen time and outdoor play with social skills in preschool children. <i>PLoS ONE</i> , 2018, 13, e0193700.	1.1	82
302	The Link Between Nutrition and Physical Activity in Increasing Academic Achievement. <i>Journal of School Health</i> , 2018, 88, 407-415.	0.8	30

#	ARTICLE	IF	CITATIONS
303	Acute Physical Activity Enhances Executive Functions in Children with ADHD. <i>Scientific Reports</i> , 2018, 8, 12382.	1.6	72
304	Above average increases in body fat from 9 to 15 years of age had a negative impact on academic performance, independent of physical activity. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 347-353.	0.7	4
305	Aerobic-Exercise and resistance-training interventions have been among the least effective ways to improve executive functions of any method tried thus far. <i>Developmental Cognitive Neuroscience</i> , 2019, 37, 100572.	1.9	74
306	Improved Executive Function and Science Achievement for At-Risk Middle School Girls in an Aerobic Fitness Program. <i>Journal of Early Adolescence</i> , 2019, 39, 453-469.	1.1	4
307	The effects of classroom-based dynamic seating interventions on academic outcomes in youth: a systematic review. <i>Learning Environments Research</i> , 2019, 22, 153-171.	1.8	17
308	Embodiment Helps Children Solve a Spatial Working Memory Task: Interactions with Age and Gender. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2019, 3, 233-244.	0.8	5
309	Exercise Intensity Influences Prefrontal Cortex Oxygenation during Cognitive Testing. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2019, 9, 83.	1.0	31
310	Interventions Based on Mind-Body Therapies for the Improvement of Attention-Deficit/Hyperactivity Disorder Symptoms in Youth: A Systematic Review. <i>Medicina (Lithuania)</i> , 2019, 55, 325.	0.8	11
311	Play for prey: do deer fawns play to develop species-typical antipredator tactics or to prepare for the unexpected?. <i>Animal Behaviour</i> , 2019, 156, 31-40.	0.8	18
312	Executive Function and Attention Performance in Children with ADHD: Effects of Medication and Comparison with Typically Developing Children. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3822.	1.2	15
313	Effect of Physical Activity on Drug Craving of Women With Substance Use Disorder in Compulsory Isolation: Mediating Effect of Internal Inhibition. <i>Frontiers in Psychology</i> , 2019, 10, 1928.	1.1	9
314	Association of Cardiovascular Health and Cognition. <i>Current Epidemiology Reports</i> , 2019, 6, 347-363.	1.1	3
315	How to Train Your Health: Sports as a Resource to Improve Cognitive Abilities in Cancer Patients. <i>Frontiers in Psychology</i> , 2019, 10, 2096.	1.1	16
316	Comparing Cognitive Control Performance During Seated Rest and Self-Paced Cycling on a Desk Bike in Preadolescent Children. <i>Journal of Physical Activity and Health</i> , 2019, 16, 533-539.	1.0	4
317	Active Commuting to and from School, Cognitive Performance, and Academic Achievement in Children and Adolescents: A Systematic Review and Meta-Analysis of Observational Studies. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1839.	1.2	24
318	The Mediating Influence of Physical Activity Levels on 3rd-Grade Academic Achievement. <i>Journal of Research in Childhood Education</i> , 2019, 33, 271-289.	0.6	5
319	The effect of exergaming on executive functions in children with ADHD: A randomized clinical trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1243-1253.	1.3	90
320	Do Physically Literate Adolescents Have Better Academic Performance?. <i>Perceptual and Motor Skills</i> , 2019, 126, 585-602.	0.6	10

#	ARTICLE	IF	CITATIONS
321	The effects of physical education on student fitness, achievement, and behavior. <i>Economics of Education Review</i> , 2019, 72, 1-18.	0.7	15
322	Boost your brain, while having a break! The effects of long-term cognitively engaging physical activity breaks on children's executive functions and academic achievement. <i>PLoS ONE</i> , 2019, 14, e0212482.	1.1	74
323	Better Movers and Thinkers: An evaluation of how a novel approach to teaching physical education can impact children's physical activity, coordination and cognition. <i>British Educational Research Journal</i> , 2019, 45, 576-591.	1.4	13
324	Association Between the Activity Space Exposure to Parks in Childhood and Adolescence and Cognitive Aging in Later Life. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 632.	1.2	23
325	Acute effect of two different physical education classes on memory in children school-age. <i>Cognitive Development</i> , 2019, 50, 98-104.	0.7	12
326	Effects of chronic exercise interventions on executive function among children and adolescents: a systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , 2019, 53, 1397-1404.	3.1	147
327	Teaching Numbers Through Dance. <i>Journal of Dance Education</i> , 2019, 19, 148-157.	0.2	6
328	Urban Education and Academic Success: The Case of Higher Achieving Black Males. <i>Urban Education</i> , 2019, , 004208591983528.	1.2	11
329	Dynamics of Executive Functions, Basic Psychological Needs, Impulsivity, and Depressive Symptoms in American Football Players. <i>Frontiers in Psychology</i> , 2019, 10, 2409.	1.1	5
330	Active Commute in Relation to Cognition and Academic Achievement in Children and Adolescents: A Systematic Review and Future Recommendations. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5103.	1.2	17
331	Self-natural posture exercise and chronic pain reduction. <i>Social Behavior and Personality</i> , 2019, 47, 1-11.	0.3	3
332	Social-Emotional Functioning Explains the Effects of Physical Activity on Academic Performance among Chinese Primary School Students: A Mediation Analysis. <i>Journal of Pediatrics</i> , 2019, 208, 74-80.	0.9	5
333	Beneficial effects of acute high-intensity exercise on electrophysiological indices of attention processes in young adult men. <i>Behavioural Brain Research</i> , 2019, 359, 474-484.	1.2	26
334	Association between Physical and Motor Fitness with Cognition in Children. <i>Medicina (Lithuania)</i> , 2019, 55, 7.	0.8	21
335	Prospective bi-directional associations between sedentary time and physical activity with cognitive performance: a cohort study. <i>Journal of Sports Sciences</i> , 2019, 37, 630-637.	1.0	4
336	Swimming training improves mental health parameters, cognition and motor coordination in children with Attention Deficit Hyperactivity Disorder. <i>International Journal of Environmental Health Research</i> , 2020, 30, 584-592.	1.3	57
337	Educational and learning capital as predictors of general intelligence and scholastic achievements. <i>High Ability Studies</i> , 2020, 31, 75-91.	1.0	6
338	Words in action: investigating students' language acquisition and emotional performance through embodied learning. <i>Innovation in Language Learning and Teaching</i> , 2020, 14, 317-332.	1.5	17

#	ARTICLE	IF	CITATIONS
339	Gross motor teaching in preschool education: where, what and how do Singapore educators teach? (Enseñanza de la motricidad gruesa en educación infantil: ¿dónde, qué y cómo enseñan las maestras en)	0.5	0
340	Associations of physical activity and screen time with white matter microstructure in children from the general population. <i>NeuroImage</i> , 2020, 205, 116258.	2.1	28
341	Effect of high-intensity interval training on clinical and laboratory parameters of adolescents with attention deficit hyperactivity disorder. <i>Science and Sports</i> , 2020, 35, 207-215.	0.2	9
342	Early Childhood Education and Child Development: New Evidence from Ghana. <i>Children and Youth Services Review</i> , 2020, 108, 104620.	1.0	4
343	Comparison of the effects of treadmill and vibration training in children with attention deficit hyperactivity disorder: A randomized controlled trial. <i>NeuroRehabilitation</i> , 2020, 47, 121-131.	0.5	10
344	Association of P300 Event-Related Potential with Sleep in Indian Collegiate Population. <i>Sleep and Vigilance</i> , 2020, 4, 237-243.	0.4	1
345	A School-Based Physical Activity Intervention for Young Children: Are There Effects on Attention and Behavior?. <i>Journal of Applied School Psychology</i> , 2020, , 1-26.	0.4	1
346	Effects and retention of different physical exercise programs on children's cognitive and motor development. <i>Journal of Educational Research</i> , 2020, 113, 431-437.	0.8	9
347	Association between Physical Literacy and Physical Activity: A Multilevel Analysis Study among Chinese Undergraduates. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7874.	1.2	19
348	Individual Stress Prevention through Qigong. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7342.	1.2	9
349	ASOCIACIÓN ENTRE FUNCIÓN EJECUTIVA, MADUREZ INTELECTUAL Y CONDICIÓN FÍSICA EN NIÑOS PREESCOLARES. <i>Revista Internacional De Medicina Y Ciencias De La Actividad Fisica Y Del Deporte</i> , 2020, 20, 471-485.	0.1	3
350	Exercise training and cognitive performance in persons with multiple sclerosis: A systematic review and multilevel meta-analysis of clinical trials. <i>Multiple Sclerosis Journal</i> , 2021, 27, 1977-1993.	1.4	32
351	Running During Encoding Improves Word Learning for Children. <i>Frontiers in Psychology</i> , 2020, 11, 684.	1.1	6
352	The Effects of Physical Activity and Diet Interventions on Body Mass Index in Latin American Children and Adolescents: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2020, 12, 1378.	1.7	15
353	Effectiveness of a crossover prosthetic foot in active children with a congenital lower limb deficiency. <i>Prosthetics and Orthotics International</i> , 2020, 44, 305-313.	0.5	4
354	Mit Ruhe und Gelassenheit : Imagination, Movement, and Relaxation in the German Language Classroom. <i>Teaching German</i> , 2020, 53, 99-118.	0.2	0
356	Meditative Movement Affects Working Memory Related to Neural Activity in Adolescents: A Randomized Controlled Trial. <i>Frontiers in Psychology</i> , 2020, 11, 931.	1.1	4
357	Efficacy of a 7-week dance (RCT) PE curriculum with different teaching pedagogies and levels of cognitive challenge to improve working memory capacity and motor competence in 8-10 years old children. <i>Psychology of Sport and Exercise</i> , 2020, 50, 101675.	1.1	22

#	ARTICLE	IF	CITATIONS
358	Physical Activity Is Associated With Better Executive Function in University Students. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 11.	1.0	21
359	The Relationship between School Age Children's Academic Performance and Innovative Physical Education Programs. <i>Sustainability</i> , 2020, 12, 4922.	1.6	4
360	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.	1.1	8
361	Exploring the Diagnostic Accuracy of the KidFit Screening Tool for Identifying Children with Health and Motor Performance-Related Fitness Impairments: A Feasibility Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 995.	1.2	1
362	How difficult is it for adolescents to maintain attention? The differential effects of video games and sports. <i>Quarterly Journal of Experimental Psychology</i> , 2020, 73, 968-982.	0.6	2
363	The immediate and durable effects of yoga and physical fitness exercises on stress. <i>Journal of American College Health</i> , 2021, 69, 675-683.	0.8	18
364	Executive functions mediate the relationship between cardiorespiratory fitness and academic achievement in Spanish schoolchildren aged 8 to 11 years. <i>PLoS ONE</i> , 2020, 15, e0231246.	1.1	16
365	The influence of fatiguing exercise on Sport Concussion Assessment Tool (SCAT) scoring in a female pediatric population. <i>Physician and Sportsmedicine</i> , 2020, 48, 458-462.	1.0	4
366	Relationship between Health-Related Quality of Life and Physical Activity in Children with Hyperactivity. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2804.	1.2	13
367	Neuropsychological consequences of childhood medulloblastoma and possible interventions: A review. <i>Neurochirurgie</i> , 2021, 67, 90-98.	0.6	10
368	Effect of a Time-Efficient Physical Activity Intervention on Senior School Students' On-Task Behaviour and Subjective Vitality: the "Burn 2 Learn" Cluster Randomised Controlled Trial. <i>Educational Psychology Review</i> , 2021, 33, 299-323.	5.1	33
369	Reflection-impulsivity in athletes: A cross-sectional and longitudinal investigation. <i>European Journal of Sport Science</i> , 2021, 21, 1436-1447.	1.4	4
370	Comparing the efficacy (RCT) of learning a dance choreography and practicing creative dance on improving executive functions and motor competence in 6-7 years old children. <i>Psychology of Sport and Exercise</i> , 2021, 53, 101846.	1.1	16
371	Off the paper and into the dance: investigating preservice elementary teachers' experiences with dynamic spatial reasoning choreography tasks. <i>Research in Dance Education</i> , 2021, 22, 17-37.	0.6	1
372	Divergent learning experiences in sports enhance cognitive executive functions and creativity in students. <i>Physical Education and Sport Pedagogy</i> , 2021, 26, 402-416.	1.8	7
373	Executive Function and Mood: The Moderating Role of Athletic Expertise. <i>Perceptual and Motor Skills</i> , 2021, 128, 672-691.	0.6	2
374	Impact of Physical Activity on an Individual's Creativity: A Day-Level Analysis. <i>American Journal of Psychology</i> , 2021, 134, 93-105.	0.5	10
375	Motor Intervention Program for Improving the Learning of English Vocabulary in Early Childhood Education. <i>Advances in Early Childhood and K-12 Education</i> , 2021, , 101-120.	0.2	0

#	ARTICLE	IF	CITATIONS
376	Dance and Its Connection With the Brain and Its Functions. <i>Advances in Media, Entertainment and the Arts</i> , 2021, , 161-180.	0.0	0
377	Neonatal sleep development and early learning in infants with prenatal opioid exposure. <i>Advances in Child Development and Behavior</i> , 2021, 60, 199-228.	0.7	3
378	Six-Minute Walking Test Performance Relates to Neurocognitive Abilities in Preschoolers. <i>Journal of Clinical Medicine</i> , 2021, 10, 584.	1.0	6
379	Inhibitory Control Across Athletic Expertise and Its Relationship With Sport Performance. <i>Journal of Sport and Exercise Psychology</i> , 2021, 43, 14-27.	0.7	19
380	Implementing Full-Body Movements in a Verbal Memory Task: Searching for Benefits but Finding Mainly Costs. <i>Mind, Brain, and Education</i> , 2021, 15, 211-219.	0.9	3
381	Physical fitness and cognitive function among school-aged children in selected basic schools in the Ho Municipality of Ghana. <i>Heliyon</i> , 2021, 7, e06324.	1.4	4
382	Associations between South African preschoolers' routine physical activity, self-regulation and psychosocial well-being. <i>Mental Health and Physical Activity</i> , 2021, 20, 100383.	0.9	1
383	The Effect of Physical Activity Interventions on Executive Function Among People with Neurodevelopmental Disorders: A Meta-Analysis. <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 1030-1050.	1.7	18
384	Exercise, Decision-Making, and Cannabis-Related Outcomes among Adolescents. <i>Substance Use and Misuse</i> , 2021, 56, 1035-1044.	0.7	3
385	Examining the Role of Physical Activity on Word Learning in School-Aged Children. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 1712-1725.	0.7	6
386	Investigation of the associations between physical activity, self-regulation and educational outcomes in childhood. <i>PLoS ONE</i> , 2021, 16, e0250984.	1.1	14
387	High-Intensity Interval Training upon Cognitive and Psychological Outcomes in Youth: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5344.	1.2	8
388	How physical fitness influences academic burnout in elementary students: an interpersonal perspective. <i>Current Psychology</i> , 2023, 42, 5977-5985.	1.7	7
389	Association Between Sleep Duration and Intelligence Quotient in 6-Year-Old Children. <i>International Journal of Behavioral Medicine</i> , 2021, , 1.	0.8	2
390	Brain network modularity predicts changes in cortical thickness in children involved in a physical activity intervention. <i>Psychophysiology</i> , 2021, 58, e13890.	1.2	9
391	Gender Differences in Attention Adaptation after an 8-Week FIFA 11+ for Kids Training Program in Elementary School Children. <i>Children</i> , 2021, 8, 822.	0.6	1
392	Early Childhood Teacher Professional Development in Physical Education and Its Impact on Preschooler Motor Development. <i>Advances in Early Childhood and K-12 Education</i> , 2021, , 16-32.	0.2	0
393	Barriers to high school and university students' physical activity: A systematic review protocol. <i>International Journal of Educational Research</i> , 2021, 106, 101743.	1.2	6

#	ARTICLE	IF	CITATIONS
394	Psychological Assessments in Physical Exercise. , 2012, , 109-153.		5
395	How Can the Health System Benefit from Increasing Participation in Sport, Exercise and Physical Activity?. , 2016, , 29-52.		4
396	Modifiable Lifestyle Factors and Cognition Through Midlife. , 2013, , 25-55.		2
397	Physical Activity, Cardiorespiratory Fitness, and Cognition Across the Lifespan. , 2013, , 235-252.		11
398	Embodied Cognition. , 2020, , 115-137.		4
399	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
400	The Association Between Physical Activity and Attentional Control in Younger and Older Middle-Aged Adults. GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry, 2012, 25, 207-221.	0.2	22
401	Physical Fitness and Resting EEG in Children With Attention Deficit Hyperactivity Disorder. Journal of Psychophysiology, 2015, 29, 26-32.	0.3	8
402	The efficacy of different interventions to foster children's executive function skills: A series of meta-analyses.. Psychological Bulletin, 2019, 145, 653-697.	5.5	162
403	Relation between physical fitness and executive function variables in a preschool sample. Pediatric Research, 2020, 88, 623-628.	1.1	17
404	Teaching vocabulary to young second- or foreign-language learners. Language Teaching for Young Learners, 0, , 4-33.	0.6	8
405	Online training for physical activity practitioners on evidence-based practices for clients with autism. Advances in Autism, 2021, 7, 283-293.	0.6	2
406	Motor and cognitive development: the role of karate. Muscles, Ligaments and Tendons Journal, 0, , .	0.1	28
407	DesempeÃ±o neuropsicolÃ³gico e indicadores de frecuencia, duraciÃ³n y tiempo de la sesiÃ³n del ejercicio fÃsico. Pensamiento PsicolÃ³gico, 2019, 17, 19-32.	0.5	4
408	Assessing Relationships Between Physical Development and Other Indicators of School Readiness Among Preschool Students. Journal of Teaching in Physical Education, 2019, 38, 388-392.	0.9	5
409	Study Protocol: The influence of Running Therapy on executive functions and sleep of prisoners. F1000Research, 2015, 4, 152.	0.8	3
410	How Schools with Good Academic Results Justify Their Use of Outdoor Education. International Education Research, 2015, 3, 16-31.	0.5	8
411	Development of Learning Methods through Songs and Movements to Improve Children's Cognitive and Psychomotor Aspects. European Journal of Educational Research, 2020, 9, 1615-1633.	0.7	11

#	ARTICLE	IF	CITATIONS
412	Associations between selective attention and soil-transmitted helminth infections, socioeconomic status, and physical fitness in disadvantaged children in Port Elizabeth, South Africa: An observational study. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005573.	1.3	39
413	Effects of the Skills4Genius sports-based training program in creative behavior. <i>PLoS ONE</i> , 2017, 12, e0172520.	1.1	55
414	Influence of a physical education plan on psychomotor development profiles of preschool children. <i>Journal of Human Sport and Exercise</i> , 2015, 10, .	0.2	30
415	ÄcestÄ¼n ZekalÄ± Ä¼ocuklarda MÄ¼kemmelliÄ¼yin GeliÄ¼ttilmesi Ä°Ä¼in ÄcestÄ¼nlÄ¼Ä¼Ä¼n Aktiotop Modeli nin TÄ¼rkiye ye UyarlanmasÄ± iÄ¼in Ä¼eriler. <i>Journal for the Education of the Young Scientist and Giftedness</i> , 2014, 2, 18-18.	0.1	3
416	Rendimiento acadÄ¼mico y correspondencias con indicadores de salud fÄ¼sica y psicolÃ³gica. <i>Sportis</i> , 2015, 1, 164-181.	0.1	20
417	Relation Between the School Environment and the Children's Behaviour. <i>The Open Education Journal</i> , 2012, 5, 36-51.	0.6	8
418	Desenvolvimento motor e sucesso acadÄ¼mico. Que relaÃ§Ã£o em crianÃ§as e jovens?. <i>Revista Portuguesa De Educaao</i> , 2013, 24, 193.	0.1	2
419	Developing a Healthy Lifestyle of Students Through the Practice of Sport Activities. <i>Revista Academiei forÄ¼el Torrestre</i> , 2018, 23, 207-218.	0.2	1
420	Reconsidering Maslow: The Role of the School Health Policy in a Holistic Approach to Child Health and Wellness. <i>Journal of Education & Social Policy</i> , 2018, 5, .	0.0	1
421	PHYSICAL ACTIVITY, PHYSICAL FITNESS AND ACADEMIC ACHIEVEMENTS OF PRIMARY SCHOOL CHILDREN. <i>Baltic Journal of Sport & Health Sciences</i> , 2018, 1, 9-16.	0.1	1
422	Effects of integrated movement programme on motor proficiency, visual-motor integration and scholastic achievement of Grade 1 learners in Nelson Mandela Bay, South Africa. <i>African Journal for Physical Activity and Health Sciences</i> , 2020, 26, 41-57.	0.0	2
423	Exercise and academic performance among nursing and kinesiology students at US colleges. <i>Journal of Education and Health Promotion</i> , 2014, 3, 9.	0.3	20
424	Effect of environmental factors on intelligence quotient of children. <i>Industrial Psychiatry</i> , 2016, 25, 189.	0.3	14
425	The Promotion of Physical Literacy through an "Active Classroom" Environment: A Case Study of the Manchester United Enterprise Foundation. <i>Advances in Physical Education</i> , 2017, 07, 168-180.	0.2	1
426	Effects of Aquatic Motor Activities on Early Childhood Cognitive and Motor Development. <i>Open Journal of Social Sciences</i> , 2014, 02, 24-39.	0.1	6
427	Recomendaciones de actividad fÄ¼sica y su relaciÃ³n con el rendimiento acadÄ¼mico en adolescentes de la RegiÃ³n de Murcia (Physical activity recommendations and its their relation with academic) <i>Tj ETQq1 1 0.784314 r03 /Overl</i> 10 T 5	0.1	10
428	Effects of Stability Balls on Children's On-Task Behavior, Academic Achievement, and Discipline Referrals: A Randomized Controlled Trial. <i>American Journal of Occupational Therapy</i> , 2015, 69, 6902220020p1-6902220020p9.	0.1	25
429	Alternatives of Physical Activity within School Times and Effects on Cognition. A Systematic Review and Educational Practical Guide. <i>Psicologia Educativa</i> , 2020, 27, 37-50.	0.5	4

#	ARTICLE	IF	CITATIONS
430	Physical activity of Czech adolescents: Findings from the HBSC 2010 study. <i>Acta Gymnica</i> , 2015, 45, 3-11.	1.1	11
431	PSYCHOSOCIAL ASPECTS OF PHYSICAL ACTIVITY AND FITNESS IN SPECIAL POPULATION, MINORITY MIDDLE SCHOOL CHILDREN.. <i>European Journal of Adapted Physical Activity</i> , 2011, 4, 54-68.	0.5	2
432	A IMPORTÂNCIA DE UM PROGRAMA LUDOMOTOR E DA ESTIMULAÇÃO DO CORTICAL NO DESENVOLVIMENTO CINESTÉSICO DE CRIANÇAS. <i>Saúde</i> , 2014, .	0.1	1
433	Efectos de la actividad física sobre las funciones ejecutivas en una muestra de adolescentes. <i>Anales De Psicología</i> , 2015, 31, 962.	0.3	14
434	Can acute resistance exercise facilitate episodic memory encoding?. <i>Current Psychology</i> , 2023, 42, 10910-10923.	1.7	4
436	The Effects of Physical Activity Programs on Physical Fitness, Blood Lipids, and Growth-Related Factors among Young Normal Weight and Obese Children. <i>Journal of Life Science</i> , 2012, 22, 380-386.	0.2	0
437	Estonian and Finnish graduating seniors' opinions and motivation about physical education. <i>Acta Kinesiologiae Universitatis Tartuensis</i> , 0, 17, 7.	0.5	0
438	Influence of Zero Hour Class Physical Activities on Junior High School Students Physical Fitness, Physical Self-Efficacy and Attitude toward Learning. <i>The Korean Journal of Measurement and Evaluation in Physical Education and Sports Science</i> , 2013, 15, 45-56.	0.2	3
439	Fysisk-motorisk ferdighet gjennom kroppsøving; et viktig bidrag til elevenes allmenndanning og læring i skolen. <i>Norsk Pedagogisk Tidsskrift</i> , 2013, 97, 155-166.	0.2	2
440	PROACTIVE AND REACTIVE EFFECTS OF VIGOROUS EXERCISE ON LEARNING AND VOCABULARY COMPREHENSION1,2. <i>Perceptual and Motor Skills</i> , 0, , 130718095826009.	0.6	0
441	Associação entre o nível de atividade física de lazer e o desempenho cognitivo em crianças saudáveis. <i>Revista Brasileira De Educação Física E Esporte: RBEFE</i> , 2013, 27, 355-361.	0.1	1
442	The Difference on Cognitive Function and Information Processing Speed According to Score of Physical Activity Promotion System in Preadolescence. <i>Secondary Education Research</i> , 2014, 62, 623-643.	0.2	0
443	Exercise Effect in Children with Attention-Deficit Hyperactivity Disorder : Meta-Analysis of Domestic Study. <i>Journal of Korean Neuropsychiatric Association</i> , 2015, 54, 399.	0.2	0
444	The Selective Effect of Acute Aerobic Exercise on Neuroelectric Indices of Attention during Development. , 2015, 05, .		0
445	PHYSICAL ACTIVITY AND PARENTAL EDUCATIONAL STYLES. <i>Psicologia, Saúde & Doenças</i> , 2015, 16, .	0.0	0
446	Efectos de la actividad física en el autoconcepto y la autoeficacia en preadolescentes (Effects of) Tj ETQq1 1 0.784314 rgBT /Overlock 0.3		
447	Coordinación motriz y rendimiento académico en adolescentes (Motor Co-ordination and academic) Tj ETQq0 0 0 rgBT /Overlock 0.3		
448	Three Dimensional Relationships of Emotional Intelligence, Exercise and Stress in Adolescents. <i>Advances in Applied Physiology</i> , 2016, 1, 1.	0.3	0

#	ARTICLE	IF	CITATIONS
449	Learning Links: Reflex Inhibition and Literacy Skills Enhanced for Under Achieving Elementary Students. Literacy Information and Computer Education Journal, 2016, 7, .	0.1	0
450	Exploring Daily Physical Activity and Nutrition Patterns in Early Learning Settings: Observational Snapshots of Young Children in Head Start, Primary, and After-School Settings. , 2018, , 161-180.		0
452	The Effect of Apparatus Use on Athletes' Attention Performance in Sports Branches Playing with Ball: Pilot Study. Uluslararası Spor, Egzersiz Ve Antrenman Bilimi Dergisi, 0, , 122-130.	0.0	0
453	Efficacy of Sensory Integration Therapy in Improving Gross Motor Coordination and Grip Control in Down Syndrome Children. World Journal of Neuroscience, 2019, 09, 23-38.	0.1	3
454	Longitudinal follow-up of physical activity from preschool to school age: the ELOS-PrÅ© study. Revista Brasileira De Cineantropometria E Desempenho Humano, 0, 21, .	0.5	2
455	PEDAGOGICAL PROCESS FACILITATING PHYSICAL ACTIVITY OF PRE-SCHOOLERS. SOCIETY INTEGRATION EDUCATION Proceedings of the International Scientific Conference, 0, 2, 619.	0.0	0
456	A Comparative Study of the Effectiveness of Cognitive Rehabilitation Intervention with Aerobic Exercises on the Cognition of Slow Learner Children. Tađıyavvul-i RavÅnshinÅkhtÅ«-i KÅ«dak, 2019, 6, 149-161.	0.1	1
457	Corpo, ambiente, territori. L'esperienza di innovazione educativo-didattica del laboratorio di Storia nel corso di laurea in Scienze della formazione primaria. Excellence and Innovation in Learning and Teaching, 2019, , 92-107.	0.1	0
458	Building a scalable STEM career development program for elementary school-aged children. Journal of STEM Outreach, 2019, 2, .	0.3	2
459	Impact of Attitude Towards Physical Activity and Exercise on Academic Performance of School Students. The Sky, 2021, , 101-108.	0.0	0
460	Examining Associations Between Physical Activity and Academic Performance in a Large Sample of Ontario Students: The Role of Inattention and Hyperactivity. Journal of Physical Activity and Health, 2020, 17, 1231-1239.	1.0	0
461	Using Dance & Movement to Enhance Spatial Awareness Learning. Athens Journal of Education, 2020, 7, 153-168.	0.2	5
462	Effect of Differing Durations of High-Intensity Intermittent Activity on Cognitive Function in Adolescents. International Journal of Environmental Research and Public Health, 2021, 18, 11594.	1.2	9
463	The Potential Advantages of Tai Chi Chuan in Promoting Inhibitory Control and Spontaneous Neural Activity in Young Adults. Frontiers in Behavioral Neuroscience, 2021, 15, 747733.	1.0	4
466	Aerobic Fitness and Cognitive Functions in Economically Underprivileged Children Aged 7-9 Years: A preliminary Study from South India. International Journal of Biomedical Science, 2011, 7, 51-4.	0.5	3
467	Motor and cognitive development: the role of karate. Muscles, Ligaments and Tendons Journal, 2014, 4, 114-20.	0.1	22
468	Effects of a selected exercise program on executive function of children with attention deficit hyperactivity disorder. Journal of Medicine and Life, 2016, 9, 373-379.	0.4	26
469	Comparison of cognitive auditory event related potentials and executive functions in adolescent athletes and non-athletes - A cross sectional study. International Journal of Physiology, Pathophysiology and Pharmacology, 2019, 11, 274-282.	0.8	2

#	ARTICLE	IF	CITATIONS
470	Association between urinary dialkylphosphate metabolites and dyslexia among children from three cities of China: The READ program. <i>Science of the Total Environment</i> , 2022, 814, 151852.	3.9	6
471	The Relationship between Different Amounts of Physical Exercise, Internal Inhibition, and Drug Craving in Individuals with Substance-Use Disorders. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12436.	1.2	7
472	A Comparison of Two-Stage Least Squares (TSLS) and Ordinary Least Squares (OLS) in Estimating the Structural Relationship between After-School Exercise and Academic Performance. <i>Mathematics</i> , 2021, 9, 3105.	1.1	2
475	Associations between Physical Activity and Academic Competence: A Cross-Sectional Study among Slovenian Primary School Students. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 623.	1.2	3
476	Examining cognitive sex differences in elite math intensive education: Preliminary evidence from a gender inequitable country. <i>Trends in Neuroscience and Education</i> , 2022, 26, 100172.	1.5	4
477	The mediational role of executive functions for the relationship between motor ability and academic performance in pediatric cancer survivors. <i>Psychology of Sport and Exercise</i> , 2022, 60, 102160.	1.1	2
478	The association between the health-related physical fitness and inhibitory control in preschool children. <i>BMC Pediatrics</i> , 2022, 22, 106.	0.7	0
479	Device-Based Movement Behaviors, Executive Function, and Academic Skills among African American Children with ADHD and Disruptive Behavior Disorders. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4032.	1.2	3
480	The effectiveness of school physical education on students' cognitive competence: a systematic review and meta-analysis. <i>Journal of Sports Medicine and Physical Fitness</i> , 2022, 62, 575-584.	0.4	1
481	The association between physical education and academic achievement in other curriculum learning areas: A review of literature. <i>Physical Education and Sport Pedagogy</i> , 2024, 29, 51-81.	1.8	1
482	Quantile Regression Analysis between the After-School Exercise and the Academic Performance of Korean Middle School Students. <i>Mathematics</i> , 2022, 10, 58.	1.1	3
484	Cross-sectional Association Between Level of School Sports and Different Cognitive Parameters in Schoolchildren, Considering Multiple Covariates. <i>Mind, Brain, and Education</i> , 0, , .	0.9	2
487	Effects of Baby Swimming on Motor and Cognitive Development: A Pilot Trial. <i>Perceptual and Motor Skills</i> , 2022, , 003151252210902.	0.6	5
488	The Association Between Physical Activity and Mathematical Achievement Among Chinese Fourth Graders: A Moderated Moderated-Mediation Model. <i>Frontiers in Psychology</i> , 2022, 13, .	1.1	3
489	Nutrient intakes and cognitive competence in the context of abstract reasoning of school-age children in the Tamale Metropolis of Ghana. <i>Nutrition and Food Science</i> , 2023, 53, 124-137.	0.4	1
491	Do Physical Activity, BMI, and Wellbeing Affect Logical Thinking?. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6631.	1.2	1
492	Relationship Among Motor Behavior, Motor Development, and Motor Performance in Children Aged 7â€“8 Years in China. <i>Frontiers in Public Health</i> , 2022, 10, .	1.3	1
493	Multivariate Training Programs during Physical Education Classes in School Context: Theoretical Considerations and Future Perspectives. <i>Sports</i> , 2022, 10, 89.	0.7	6

#	ARTICLE	IF	CITATIONS
495	The Effects of Xbox Kinect Active Video Gaming on Executive Function, Inhibition, in Children with and without Autism Spectrum Disorder: A Pilot Study. <i>Journal of Behavioral and Brain Science</i> , 2022, 12, 287-301.	0.2	1
496	Does Physical Activity Improve Inhibition in Kindergarteners? A Pilot Study. <i>Perceptual and Motor Skills</i> , 0, , 003151252211092.	0.6	5
497	Integración del movimiento en el último curso de Educación Infantil: los espacios compartidos. <i>Revista Practicum</i> , 2022, 7, 7-21.	0.3	2
498	Effect of acute physical exercise on inhibitory control in young adults: high-intensity Indoor cycling Session. <i>Physiology and Behavior</i> , 2022, , 113902.	1.0	0
499	Associations between Fundamental Movement Skills, Physical Fitness, Motor Competency, Physical Activity, and Executive Functions in Pre-School Age Children: A Systematic Review. <i>Children</i> , 2022, 9, 1059.	0.6	9
500	Active Smarter Teachers: Primary School Teachers' Perceptions and Maintenance of a School-Based Physical Activity Intervention. <i>Translational Journal of the American College of Sports Medicine</i> , 2019, 4, 141-147.	0.3	12
501	SOCIAL INTELLIGENCE AND SCHOLASTIC ACHIEVEMENT OF STUDENTS WITH VISUAL IMPAIRMENT. , 2022, , 35-37.		0
502	Effects of a School-Based Garden Program on Academic Performance: A Cluster Randomized Controlled Trial. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2023, 123, 637-642.	0.4	2
503	Effects of Chinese Martial Arts on Motor Skills in Children between 5 and 6 Years of Age: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 10204.	1.2	0
504	Effects of In-Classroom Physical Activity Breaks on Children's Academic Performance, Cognition, Health Behaviours and Health Outcomes: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 9479.	1.2	9
505	Exploring Guardians' Perceptions towards Edutainment Environments: The Case of Kidzania, Cairo, Egypt. <i>Buildings</i> , 2022, 12, 1281.	1.4	0
506	A Pilot Movement Integrity with Intelligent Play Program (MIIP): Effects on Math Performance and Enjoyment for Preschoolers in China. <i>Child and Youth Care Forum</i> , 0, , .	0.9	0
507	Physical Fitness and Child Development: Interrelations in Preschool Age. , 2022, , 137-158.		1
508	The Relationship between Physical Activity and Academic Achievement in Multimodal Environment Using Computational Analysis. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-10.	1.1	2
509	Enhancing Youth Self-Regulation Through Wearable Apps: Increasing Usage Through Participatory Design in Low Income Youth. <i>ACM Transactions on Computer-Human Interaction</i> , 2022, 29, 1-34.	4.6	0
510	Anorexic Readiness Syndrome in Elite Female Acrobatic Gymnasts' International Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 13181.	1.2	0
511	How pom cheerleading improves the executive function of preschool children: the mediating role of speed and agility. <i>BMC Psychology</i> , 2022, 10, .	0.9	4
512	Modifiable Lifestyle Factors and Cognition Through Midlife. , 2022, , 21-67.		0

#	ARTICLE	IF	CITATIONS
513	Treatment of ADHD: Drugs, psychological therapies, devices, complementary and alternative methods as well as the trends in clinical trials. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	11
514	The Assessment of Acute Chorioretinal Changes Due to Intensive Physical Exercise in Senior Elite Athletes. <i>Journal of Aging and Physical Activity</i> , 2023, 31, 497-505.	0.5	0
515	Early Childhood Teacher Professional Development in Physical Education and Its Impact on Preschooler Motor Development. , 2022, , 1019-1035.		0
516	Motor Intervention Program for Improving the Learning of English Vocabulary in Early Childhood Education. , 2022, , 447-466.		0
517	“Ahhh it was like paradise, but inside”: children’s experiences and perceptions of a free physical activity program. <i>Qualitative Research in Sport, Exercise and Health</i> , 0, , 1-19.	3.3	0
518	A Randomized Trial of a Swimming-Based Alternative Treatment for Children with Attention Deficit Hyperactivity Disorder. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 16238.	1.2	4
519	Far Transfer Effects of Trainings on Executive Functions in Neurodevelopmental Disorders: A Systematic Review and Metanalysis. <i>Neuropsychology Review</i> , 2024, 34, 98-133.	2.5	3
520	Impact of Physical Education Curriculum on Academic Achievement of Higher Secondary School Students in India. <i>International Journal of Physical Education Fitness and Sports</i> , 0, , 1-11.	0.2	1
521	Association of perchlorate, thiocyanate, and nitrate with dyslexic risk. <i>Chemosphere</i> , 2023, 325, 138349.	4.2	2
522	Examining the Relation Between Exercise and Word Learning in Preschool-Age Children. <i>Journal of Speech, Language, and Hearing Research</i> , 0, , 1-15.	0.7	0
524	Embodied Cognition. , 2023, , 117-141.		0
525	A bibliometric analysis of physical activity interventions and cognition in children and adolescents. <i>Science and Sports</i> , 2023, , .	0.2	0
526	Physical activity and intelligent quotients on primary. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0
527	Enhancing attention in children using an integrated cognitive-physical videogame: A pilot study. <i>Npj Digital Medicine</i> , 2023, 6, .	5.7	1
536	Benefits of Sport and Athletic Identity. <i>Contemporary Pediatric and Adolescent Sports Medicine</i> , 2023, , 1-19.	0.0	0
549	Exercise and Secondary Trauma. , 2023, , 83-95.		0
554	Examining the effects of exercise with different cognitive loads on executive function: A systematic review. <i>Progress in Brain Research</i> , 2024, , 167-192.	0.9	1
555	Managing Information Leadership for Learning Performance: An Empirical Study Among Public School Educators. <i>Lecture Notes in Networks and Systems</i> , 2024, , 75-91.	0.5	0

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------