

# Brian W Timmons

## List of Publications by Citations

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176  
papers

4,187  
citations

32  
h-index

58  
g-index

200  
ext. papers

4,929  
ext. citations

2.8  
avg, IF

5.41  
L-index

#	Paper	IF	Citations
176	Systematic review of physical activity and health in the early years (aged 0-4 years). <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2012</b> , 37, 773-92	3	353
175	Canadian 24-Hour Movement Guidelines for the Early Years (0-4 years): An Integration of Physical Activity, Sedentary Behaviour, and Sleep. <i>BMC Public Health</i> , <b>2017</b> , 17, 874	4.1	253
174	Systematic review of the relationships between physical activity and health indicators in the early years (0-4 years). <i>BMC Public Health</i> , <b>2017</b> , 17, 854	4.1	235
173	Systematic review of sedentary behaviour and health indicators in the early years (aged 0-4 years). <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2012</b> , 37, 753-72	3	195
172	Canadian Physical Activity Guidelines for the Early Years (aged 0-4 years). <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2012</b> , 37, 345-69	3	173
171	Physical activity and sedentary behavior during the early years in Canada: a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2013</b> , 10, 54	8.4	125
170	Canadian Sedentary Behaviour Guidelines for the Early Years (aged 0-4 years). <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2012</b> , 37, 370-91	3	115
169	The effects of acute and chronic exercise on inflammatory markers in children and adults with a chronic inflammatory disease: a systematic review. <i>Exercise Immunology Review</i> , <b>2009</b> , 15, 6-41	8.6	110
168	Oxidation rate of exogenous carbohydrate during exercise is higher in boys than in men. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 278-84	3.7	87
167	Human natural killer cell subsets and acute exercise: a brief review. <i>Exercise Immunology Review</i> , <b>2008</b> , 14, 8-23	8.6	85
166	QOS-06REPAIRING THE BRAIN WITH PHYSICAL EXERCISE: AN EXERCISE TRIAL IN PEDIATRIC BRAIN TUMOR SURVIVORS. INSIGHTS FROM CORTICAL THICKNESS ANALYSIS AND DEFORMATION BASED MORPHOMETRY. <i>Neuro-Oncology</i> , <b>2016</b> , 18, iii146.2-iii146	1	78
165	Effect of dietary protein content during recovery from high-intensity cycling on subsequent performance and markers of stress, inflammation, and muscle damage in well-trained men. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2008</b> , 33, 39-51	3	67
164	Influence of gender, menstrual phase, and oral contraceptive use on immunological changes in response to prolonged cycling. <i>Journal of Applied Physiology</i> , <b>2005</b> , 99, 979-85	3.7	66
163	Physical activity for preschool children--how much and how?. <i>Canadian Journal of Public Health</i> , <b>2007</b> , 98 Suppl 2, S122-34	3.2	59
162	Fat oxidation rate and the exercise intensity that elicits maximal fat oxidation decreases with pubertal status in young male subjects. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 742-8	3.7	56
161	Are we driving our kids to unhealthy habits? Results of the active healthy kids Canada 2013 report card on physical activity for children and youth. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 6009-20	4.6	51
160	Immunological changes in response to exercise: influence of age, puberty, and gender. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, 293-304	1.2	50

159	Physical activity in Ontario preschoolers: prevalence and measurement issues. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2011</b> , 36, 291-7	3	48
158	Transcriptome and translational signaling following endurance exercise in trained skeletal muscle: impact of dietary protein. <i>Physiological Genomics</i> , <b>2011</b> , 43, 1004-20	3.6	46
157	Impact of the Supporting Physical Activity in the Childcare Environment (SPACE) intervention on preschoolers' physical activity levels and sedentary time: a single-blind cluster randomized controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2017</b> , 14, 120	8.4	45
156	Exercise training for neural recovery in a restricted sample of pediatric brain tumor survivors: a controlled clinical trial with crossover of training versus no training. <i>Neuro-Oncology</i> , <b>2017</b> , 19, 440-450	1	45
155	Influence of age and pubertal status on substrate utilization during exercise with and without carbohydrate intake in healthy boys. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2007</b> , 32, 416-25	3	45
154	Accelerometry: a feasible method to quantify physical activity in ambulatory and nonambulatory adolescents with cerebral palsy. <i>International Journal of Pediatrics (United Kingdom)</i> , <b>2012</b> , 2012, 329284 <sup>2.1</sup>		44
153	Energy substrate utilization during prolonged exercise with and without carbohydrate intake in preadolescent and adolescent girls. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 995-1000	3.7	44
152	Self-efficacy toward physical activity and the physical activity behavior of children with and without Developmental Coordination Disorder. <i>Human Movement Science</i> , <b>2014</b> , 36, 258-71	2.4	43
151	Functional recovery following critical illness in children: the "wee-cover" pilot study. <i>Pediatric Critical Care Medicine</i> , <b>2015</b> , 16, 310-8	3	42
150	Immune responses to strenuous exercise and carbohydrate intake in boys and men. <i>Pediatric Research</i> , <b>2004</b> , 56, 227-34	3.2	39
149	The Canadian Sedentary Behaviour Guidelines for the Early Years (zero to four years of age) and screen time among children from Kingston, Ontario. <i>Paediatrics and Child Health</i> , <b>2013</b> , 18, 25-8	0.7	38
148	Repairing the brain with physical exercise: Cortical thickness and brain volume increases in long-term pediatric brain tumor survivors in response to a structured exercise intervention. <i>NeuroImage: Clinical</i> , <b>2018</b> , 18, 972-985	5.3	36
147	Results from Canada's 2014 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , <b>2014</b> , 11 Suppl 1, S26-32	2.5	36
146	"Wii-Hab" in critically ill children: a pilot trial. <i>Journal of Pediatric Rehabilitation Medicine</i> , <b>2013</b> , 6, 193-204	4.4	33
145	High-intensity interval training in overweight and obese children and adolescents: systematic review and meta-analysis. <i>Journal of Sports Medicine and Physical Fitness</i> , <b>2019</b> , 59, 310-324	1.4	31
144	Quantification of Physical Activity and Sedentary Time in Adults with Cerebral Palsy. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 1719-26	1.2	31
143	Exertion Testing in Youth with Mild Traumatic Brain Injury/Concussion. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 2283-90	1.2	30
142	Objectively measured sedentary time in youth with cerebral palsy compared with age-, sex-, and season-matched youth who are developing typically: an explorative study. <i>Physical Therapy</i> , <b>2014</b> , 94, 1163-7	3.3	29

141	Metabolic flexibility and obesity in children and youth. <i>Obesity Reviews</i> , <b>2011</b> , 12, e44-53	10.6	27
140	Fatigue and its relationship with physical activity, age, and body composition in adults with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , <b>2017</b> , 59, 367-373	3.3	26
139	Exercise capacity in pediatric patients with inflammatory bowel disease. <i>Journal of Pediatrics</i> , <b>2011</b> , 158, 814-9	3.6	26
138	Effects of recovery method after exercise on performance, immune changes, and psychological outcomes. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2010</b> , 40, 656-65	4.2	26
137	Exercise and inflammation in pediatric Crohn's disease. <i>International Journal of Sports Medicine</i> , <b>2012</b> , 33, 671-9	3.6	26
136	Fitness and physical activity in youth with type 1 diabetes mellitus in good or poor glycemic control. <i>Pediatric Diabetes</i> , <b>2015</b> , 16, 48-57	3.6	25
135	Early Exercise in Critically Ill Youth and Children, a Preliminary Evaluation: The wEECYCLE Pilot Trial. <i>Pediatric Critical Care Medicine</i> , <b>2017</b> , 18, e546-e554	3	25
134	Exercise training improves physical function and fitness in long-term paediatric brain tumour survivors treated with cranial irradiation. <i>European Journal of Cancer</i> , <b>2017</b> , 80, 63-72	7.5	24
133	The health outcomes and physical activity in preschoolers (HOPP) study: rationale and design. <i>BMC Public Health</i> , <b>2012</b> , 12, 284	4.1	24
132	Physical Activity and Trajectories of Cardiovascular Health Indicators During Early Childhood. <i>Pediatrics</i> , <b>2019</b> , 144,	7.4	23
131	Step count targets corresponding to new physical activity guidelines for the early years. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 314-8	1.2	23
130	Physical activity and sedentary behaviour of Canadian children aged 3 to 5. <i>Health Reports</i> , <b>2016</b> , 27, 14-23	4.7	23
129	Physical Literacy, Physical Activity, and Health Indicators in School-Age Children. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	22
128	Objectively measured physical activity levels of young children with congenital heart disease. <i>Cardiology in the Young</i> , <b>2015</b> , 25, 520-5	1	21
127	Comparing the Actical and ActiGraph Approach to Measuring Young Children's Physical Activity Levels and Sedentary Time. <i>Pediatric Exercise Science</i> , <b>2016</b> , 28, 133-42	2	21
126	Sedentary Time and Screen-Based Sedentary Behaviors of Children With a Chronic Disease. <i>Pediatric Exercise Science</i> , <b>2015</b> , 27, 219-25	2	20
125	Reliability of fitness measures in 3- to 5-year-old children. <i>Pediatric Exercise Science</i> , <b>2011</b> , 23, 250-60	2	20
124	Sex-based effects on the distribution of NK cell subsets in response to exercise and carbohydrate intake in adolescents. <i>Journal of Applied Physiology</i> , <b>2006</b> , 100, 1513-9	3.7	20

123	The Coordination and Activity Tracking in CHildren (CATCH) study: rationale and design. <i>BMC Public Health</i> , <b>2015</b> , 15, 1266	4.1	18
122	Paediatric exercise immunology: health and clinical applications. <i>Exercise Immunology Review</i> , <b>2005</b> , 11, 108-44	8.6	18
121	No effect of short-term 17beta-estradiol supplementation in healthy men on systemic inflammatory responses to exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2006</b> , 291, R285-90	3.2	17
120	Health-related Fitness in Preschool Children with and without Motor Delays. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 1442-1448	1.2	16
119	Postexercise protein ingestion increases whole body net protein balance in healthy children. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 1493-501	3.7	16
118	Effect of milk consumption on rehydration in youth following exercise in the heat. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2014</b> , 39, 1257-64	3	16
117	Fluid Balance and Dehydration in the Young Athlete: Assessment Considerations and Effects on Health and Performance. <i>American Journal of Lifestyle Medicine</i> , <b>2012</b> , 6, 489-501	1.9	16
116	Multimorbidity in Children and Youth Across the Life-course (MY LIFE): protocol of a Canadian prospective study. <i>BMJ Open</i> , <b>2019</b> , 9, e034544	3	16
115	Associations of non-invasive measures of arterial structure and function, and traditional indicators of cardiovascular risk in adults with cerebral palsy. <i>Atherosclerosis</i> , <b>2015</b> , 243, 462-5	3.1	15
114	Tracking of physical activity and fitness during the early years. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, 504-10	3	15
113	Physical activity guidelines and guides for Canadians: facts and future This article is part of a supplement entitled Advancing physical activity measurement and guidelines in Canada: a scientific review and evidence-based foundation for the future of Canadian physical activity guidelines co-published by Applied Physiology, Nutrition, and Metabolism and the Canadian Journal of Public Health. It may be cited as Appl. Physiol. Nutr. Metab. 32(Suppl. 2E) or as Can. J. Public Health 98(Suppl. 2):. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2007</b> , 32, S218-S224	3	15
112	Trends in physical fitness among Canadian children and youth. <i>Health Reports</i> , <b>2019</b> , 30, 3-13	4.7	15
111	The Effect of Acute Exercise on Neutrophil Reactive Oxygen Species Production and Inflammatory Markers in Healthy Prepubertal and Adult Males. <i>Pediatric Exercise Science</i> , <b>2016</b> , 28, 55-63	2	14
110	Noninvasive measures of vascular health are reliable in preschool-aged children. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2010</b> , 35, 512-7	3	14
109	RPE during prolonged cycling with and without carbohydrate ingestion in boys and men. <i>Medicine and Science in Sports and Exercise</i> , <b>2003</b> , 35, 1901-7	1.2	14
108	Thermoregulation in boys and men exercising at the same heat production per unit body mass. <i>European Journal of Applied Physiology</i> , <b>2016</b> , 116, 1411-9	3.4	14
107	Voluntary fluid intake, hydration status, and aerobic performance of adolescent athletes in the heat. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2010</b> , 35, 834-41	3	13
106	Short-term muscle power and speed in preschoolers exhibit stronger tracking than physical activity. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2011</b> , 36, 939-45	3	13

105	Exploring the physical activity and screen-viewing-related knowledge, training, and self-efficacy of early childhood education candidates. <i>BMC Pediatrics</i> , <b>2019</b> , 19, 5	2.6	12
104	Exploring Accelerometer Versus Self-Report Sleep Assessment in Youth With Concussion. <i>Global Pediatric Health</i> , <b>2017</b> , 4, 2333794X17745973	1.2	12
103	Chemokine (C-C motif) Ligand 2 is a potential biomarker of inflammation & physical fitness in obese children: a cross-sectional study. <i>BMC Pediatrics</i> , <b>2013</b> , 13, 47	2.6	12
102	Arterial structure and function in ambulatory adolescents with cerebral palsy are not different from healthy controls. <i>International Journal of Pediatrics (United Kingdom)</i> , <b>2012</b> , 2012, 168209	2.1	12
101	Emotional and Behavioral Problems in 4- and 5-Year Old Children With and Without Motor Delays. <i>Frontiers in Pediatrics</i> , <b>2019</b> , 7, 474	3.4	12
100	Effects of acute exercise on markers of inflammation in pediatric chronic kidney disease: a pilot study. <i>Pediatric Nephrology</i> , <b>2015</b> , 30, 615-21	3.2	11
99	The Implementation and Feasibility of the Supporting Physical Activity in the Childcare Environment (SPACE) Intervention: A Process Evaluation. <i>Health Education and Behavior</i> , <b>2018</b> , 45, 935-944	4.2	11
98	Descriptive data on cardiovascular and metabolic risk factors in ambulatory and non-ambulatory adults with cerebral palsy. <i>Data in Brief</i> , <b>2015</b> , 5, 967-70	1.2	11
97	Carbohydrate intake reduces fat oxidation during exercise in obese boys. <i>European Journal of Applied Physiology</i> , <b>2011</b> , 111, 3135-41	3.4	11
96	Motor Competence, Physical Activity, and Fitness across Early Childhood. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 2342-2348	1.2	11
95	Body weight changes in child and adolescent athletes during a triathlon competition. <i>European Journal of Applied Physiology</i> , <b>2013</b> , 113, 233-9	3.4	10
94	Feasibility of pedometer use to assess physical activity and its relationship with quality of life in children with epilepsy: a pilot study. <i>Pediatric Neurology</i> , <b>2013</b> , 49, 370-3	2.9	10
93	Effects of acute exercise on circulating endothelial and progenitor cells in children and adolescents with juvenile idiopathic arthritis and healthy controls: a pilot study. <i>Pediatric Rheumatology</i> , <b>2015</b> , 13, 41	3.5	10
92	Inflammatory and growth factor response to continuous and intermittent exercise in youth with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2012</b> , 11, 108-18	4.1	10
91	Cohort profile: the Canadian coordination and activity tracking in children (CATCH) longitudinal cohort. <i>BMJ Open</i> , <b>2019</b> , 9, e029784	3	10
90	Effects of postexercise milk consumption on whole body protein balance in youth. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 1165-9	3.7	9
89	Markers of biological stress and mucosal immunity during a week leading to competition in adolescent swimmers. <i>Journal of Immunology Research</i> , <b>2014</b> , 2014, 234565	4.5	9
88	Anaerobic-to-aerobic power ratio in children with juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , <b>2009</b> , 61, 787-93		9

87	Exercise and Immune Function in Children. <i>American Journal of Lifestyle Medicine</i> , <b>2007</b> , 1, 59-66	1.9	9
86	Puberty effects on NK cell responses to exercise and carbohydrate intake in boys. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, 864-74	1.2	9
85	Postexercise Dietary Protein Ingestion Increases Whole-Body Leucine Balance in a Dose-Dependent Manner in Healthy Children. <i>Journal of Nutrition</i> , <b>2017</b> , 147, 807-815	4.1	8
84	Can behavioral strategies increase physical activity and influence depressive symptoms and quality of life among children with epilepsy? Results of a randomized controlled trial. <i>Epilepsy and Behavior</i> , <b>2019</b> , 94, 158-166	3.2	8
83	A controlled clinical crossover trial of exercise training to improve cognition and neural communication in pediatric brain tumor survivors. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 1533-1547	4.3	8
82	Supporting Physical Activity in the Childcare Environment (SPACE): rationale and study protocol for a cluster randomized controlled trial. <i>BMC Public Health</i> , <b>2016</b> , 16, 112	4.1	8
81	Correlates of mucosal immunity and upper respiratory tract infections in girls. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2010</b> , 23, 579-87	1.6	8
80	Validity of field assessments to predict peak muscle power in preschoolers. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2017</b> , 42, 850-854	3	7
79	Application of stable isotope tracers in the study of exercise metabolism in children: a primer. <i>Pediatric Exercise Science</i> , <b>2014</b> , 26, 3-10	2	7
78	In-Bed Mobilization in Critically Ill Children: A Safety and Feasibility Trial. <i>Journal of Pediatric Intensive Care</i> , <b>2015</b> , 4, 225-234	1	7
77	Vascular and autonomic function in preschool-aged children with congenital heart disease. <i>Congenital Heart Disease</i> , <b>2012</b> , 7, 289-97	3.1	7
76	A pediatric perspective on inflammation and oxidative stress in response to exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2008</b> , 33, 411-9	3	7
75	Evidence of sex-based differences in natural killer cell responses to exercise and carbohydrate intake in children. <i>European Journal of Applied Physiology</i> , <b>2007</b> , 101, 233-40	3.4	7
74	Immune Responses to Exercise in Children: A Brief Review. <i>Pediatric Exercise Science</i> , <b>2006</b> , 18, 290-299	2	7
73	Sport activities and exercise as part of routine cancer care in children and adolescents. <i>Pediatric Blood and Cancer</i> , <b>2019</b> , 66, e27826	3	6
72	Physical activity in young children at risk for developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , <b>2019</b> , 61, 1302-1308	3.3	6
71	Automated ultrasound edge-tracking software comparable to established semi-automated reference software for carotid intima-media thickness analysis. <i>Clinical Physiology and Functional Imaging</i> , <b>2018</b> , 38, 396-401	2.4	6
70	Timing and pattern of postexercise protein ingestion affects whole-body protein balance in healthy children: a randomized trial. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2017</b> , 42, 1142-1148	3	6

69	Reduced fat oxidation rates during submaximal exercise in boys with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2014</b> , 13, 92-8	4.1	6
68	Optimizing the Wingate Anaerobic Cycling Test for youth with juvenile idiopathic arthritis. <i>Pediatric Exercise Science</i> , <b>2011</b> , 23, 303-10	2	6
67	Measurement properties of the Physical Literacy Assessment for Youth (PLAY) Tools. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2021</b> , 46, 571-578	3	6
66	The efficacy of anti-inflammatory treatment interventions on depression in individuals with major depressive disorder and high levels of inflammation: A systematic review of randomized clinical trials. <i>Physiology and Behavior</i> , <b>2019</b> , 207, 104-112	3.5	5
65	Development of the Physical Literacy Environmental Assessment (PLEA) tool. <i>PLoS ONE</i> , <b>2020</b> , 15, e0230447	3.7	5
64	The Impact of Shorter, More Frequent Outdoor Play Periods on Preschoolers' Physical Activity during Childcare: A Cluster Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	5
63	Mild to moderate hypohydration reduces boys' high-intensity cycling performance in the heat. <i>European Journal of Applied Physiology</i> , <b>2014</b> , 114, 707-13	3.4	5
62	Measurement of habitual physical activity and sedentary behaviour of youth with cerebral palsy: work in progress. <i>Developmental Medicine and Child Neurology</i> , <b>2014</b> , 56, 911	3.3	5
61	Two methods for determining plasma IL-6 in humans at rest and following exercise. <i>European Journal of Applied Physiology</i> , <b>2009</b> , 105, 13-8	3.4	5
60	Results of continuous monitoring of the performance of rubella virus IgG and hepatitis B virus surface antibody assays using trueness controls in a multicenter trial. <i>Vaccine Journal</i> , <b>2012</b> , 19, 1624-32		5
59	Change in pre- and in-service early childhood educators' knowledge, self-efficacy, and intentions following an e-learning course in physical activity and sedentary behaviour: a pilot study.. <i>BMC Public Health</i> , <b>2022</b> , 22, 244	4.1	5
58	Cohort Profile: Multimorbidity in Children and Youth Across the Life-course (MY LIFE) Study. <i>Journal of the Canadian Academy of Child and Adolescent Psychiatry</i> , <b>2021</b> , 30, 104-115	0.7	5
57	Associations between carotid artery longitudinal wall motion and arterial stiffness indicators in young children. <i>Atherosclerosis</i> , <b>2019</b> , 287, 64-69	3.1	4
56	Validity and reliability of a novel metabolic flexibility test in children with obesity. <i>Journal of Applied Physiology</i> , <b>2018</b> , 124, 1062-1070	3.7	4
55	Detection of body postures and movements in ambulatory adults with cerebral palsy: a novel and valid measure of physical behaviour. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2019</b> , 16, 125	5.3	4
54	Physical activity and sedentary behaviour in children with spina bifida. <i>Developmental Medicine and Child Neurology</i> , <b>2019</b> , 61, 1400-1407	3.3	4
53	The effects of resting and exercise serum from children with cystic fibrosis on C2C12 myoblast proliferation in vitro. <i>Physiological Reports</i> , <b>2014</b> , 2, e12042	2.6	4
52	Circulating endothelial cells in children: role of fitness, activity, and adiposity. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 1974-80	1.2	4



51	Lymphocyte expression of CD95 at rest and in response to acute exercise in healthy children and adolescents. <i>Brain, Behavior, and Immunity</i> , <b>2007</b> , 21, 442-9	16.6	4
50	Cognitive and neural effects of exercise following traumatic brain injury: A systematic review of randomized and controlled clinical trials. <i>Brain Injury</i> , <b>2020</b> , 34, 149-159	2.1	4
49	Early childhood education candidates' perspectives of their importance and responsibility for promoting physical activity and minimizing screen-viewing opportunities in childcare. <i>Journal of Early Childhood Teacher Education</i> , <b>2020</b> , 1-18	0.6	4
48	No difference in exogenous carbohydrate oxidation during exercise in children with and without impaired glucose tolerance. <i>Journal of Applied Physiology</i> , <b>2016</b> , 121, 724-9	3.7	4
47	Preschoolers' health-related quality of life following the implementation of a childcare physical activity intervention. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2018</b> , 43, 453-459	3	4
46	Differences in cardiovascular health in ambulatory persons with cerebral palsy. <i>Journal of Rehabilitation Medicine</i> , <b>2018</b> , 50, 892-897	3.4	4
45	The Effect of Postexercise Milk Protein Intake on Rehydration of Children. <i>Pediatric Exercise Science</i> , <b>2016</b> , 28, 286-95	2	3
44	Retrograde shift in carotid artery longitudinal wall motion after one-year follow-up in children. <i>Atherosclerosis</i> , <b>2019</b> , 288, 26-32	3.1	3
43	Exploring the Feasibility and Effectiveness of a Childcare Physical Activity (PLAY) Policy: Rationale and Protocol for a Pilot, Cluster-Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	3
42	Effects of Short-Term Exercise Training With and Without Milk Intake on Cardiometabolic and Inflammatory Adaptations in Obese Adolescents. <i>Pediatric Exercise Science</i> , <b>2015</b> , 27, 518-24	2	3
41	Reduced fat oxidation rates during submaximal exercise in adolescents with Crohn's disease. <i>Inflammatory Bowel Diseases</i> , <b>2013</b> , 19, 2659-65	4.5	3
40	Feasibility of Fitness Testing in Children Treated for Suprapituitary Brain Tumors: A Pilot Study. <i>Rehabilitation Oncology</i> , <b>2009</b> , 27, 3-6	0.8	3
39	Implementation Adherence and Perspectives of the Childcare Physical Activity (PLAY) Policy: A Process Evaluation. <i>Health Education and Behavior</i> , <b>2021</b> , 1090198121996285	4.2	3
38	Energy substrate utilization with and without exogenous carbohydrate intake in boys and men exercising in the heat. <i>Journal of Applied Physiology</i> , <b>2016</b> , 121, 1127-1134	3.7	3
37	Effect of 7 days of exercise on exogenous carbohydrate oxidation and insulin resistance in children with obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2018</b> , 43, 677-683	3	2
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