

Brian W Timmons

List of Publications by Year in Descending Order

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

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	Prevalence and Correlates of Physical-mental Multimorbidity in Outpatient Children From a Pediatric Hospital in Canada.. <i>Canadian Journal of Psychiatry</i> , 2022 , 7067437221074430	4.8	1
175	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> , 2022 , 22, 244	4.1	5
174	Training Pre-Service Early Childhood Educators in Physical Activity (TEACH): Protocol for a Quasi-Experimental Study.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	1
173	Implementation of an e-Learning course in physical activity and sedentary behavior for pre- and in-service early childhood educators: Evaluation of the TEACH pilot study.. <i>Pilot and Feasibility Studies</i> , 2022 , 8, 64	1.9	0
172	Preschool to School-Age Physical Activity Trajectories and School-Age Physical Literacy: A Longitudinal Analysis.. <i>Journal of Physical Activity and Health</i> , 2022 , 1-9	2.5	1
171	Associations Between Fitness, Physical Activity, and Fatness in Preschool Children With Typical and Atypical Motor Coordination.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 756862	3.4	0
170	Metabolic Flexibility during Exercise in Children with Obesity and Matched Controls. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 159-164	1.2	2
169	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> , 2021 , 30, 104-115	0.7	5
168	Exercise Trials in Pediatric Brain Tumor: A Systematic Review of Randomized Studies. <i>Journal of Pediatric Hematology/Oncology</i> , 2021 , 43, 59-67	1.2	1
167	Implementation Adherence and Perspectives of the Childcare Physical Activity (PLAY) Policy: A Process Evaluation. <i>Health Education and Behavior</i> , 2021 , 1090198121996285	4.2	3
166	Effects of Comorbid Developmental Coordination Disorder and Symptoms of Attention Deficit Hyperactivity Disorder on Physical Activity in Children Aged 4-5 Years. <i>Child Psychiatry and Human Development</i> , 2021 , 1	3.3	0
165	The Effects of Exercise Serum From Prepubertal Girls and Women on In Vitro Myoblast and Osteoblast Proliferation and Differentiation. <i>Pediatric Exercise Science</i> , 2021 , 33, 82-89	2	0
164	Measurement properties of the Physical Literacy Assessment for Youth (PLAY) Tools. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 571-578	3	6
163	Operationalization, measurement, and health indicators of sedentary behavior in individuals with cerebral palsy: a scoping review. <i>Disability and Rehabilitation</i> , 2021 , 1-12	2.4	
162	Implications of Disability Severity on 24-Hour Movement Guideline Adherence Among Children With Neurodevelopmental Disorders in the United States. <i>Journal of Physical Activity and Health</i> , 2021 , 18, 1325-1331	2.5	1
161	Exploring Preschoolers' Physical Activity and Sedentary Time During Outdoor Play at Childcare: A Cross-Sectional Analysis of the Supporting Physical Activity in the Childcare Environment Study. <i>Journal of Physical Activity and Health</i> , 2021 , 18, 949-956	2.5	
160	Associations between physical activity, sedentary time and social-emotional functioning in young children. <i>Mental Health and Physical Activity</i> , 2021 , 21, 100422	5	2

159	Do fit kids have fit parents?. <i>Health Reports</i> , 2021 , 32, 3-12	4.7	
158	Trends in physical fitness among Canadian adults, 2007 to 2017. <i>Health Reports</i> , 2021 , 32, 3-15	4.7	0
157	A controlled clinical crossover trial of exercise training to improve cognition and neural communication in pediatric brain tumor survivors. <i>Clinical Neurophysiology</i> , 2020 , 131, 1533-1547	4.3	8
156	Development of the Physical Literacy Environmental Assessment (PLEA) tool. <i>PLoS ONE</i> , 2020 , 15, e0230447	3.7	5
155	The Systemic Effects of Exercise on Regulators of Muscle and Bone in Girls and Women. <i>Pediatric Exercise Science</i> , 2020 , 32, 117-123	2	
154	Exercise Messengers: Exploring Student-Learning Perceptions of a Science Animation Video using Q-methodology. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	1
153	Cognitive and neural effects of exercise following traumatic brain injury: A systematic review of randomized and controlled clinical trials. <i>Brain Injury</i> , 2020 , 34, 149-159	2.1	4
152	Motor Competence, Physical Activity, and Fitness across Early Childhood. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2342-2348	1.2	11
151	Physical Literacy, Physical Activity, and Health Indicators in School-Age Children. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	22
150	Early childhood education candidatesâ 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> , 2020 , 1-18	0.6	4
149	Habitual physical activity levels and sedentary time of children in different childcare arrangements from a nationally representative sample of Canadian preschoolers. <i>Journal of Sport and Health Science</i> , 2020 , 9, 657-663	8.2	1
148	Development of the Physical Literacy Environmental Assessment (PLEA) tool 2020 , 15, e0230447		
147	Development of the Physical Literacy Environmental Assessment (PLEA) tool 2020 , 15, e0230447		
146	Development of the Physical Literacy Environmental Assessment (PLEA) tool 2020 , 15, e0230447		
145	Development of the Physical Literacy Environmental Assessment (PLEA) tool 2020 , 15, e0230447		
144	Exploring the physical activity and screen-viewing-related knowledge, training, and self-efficacy of early childhood education candidates. <i>BMC Pediatrics</i> , 2019 , 19, 5	2.6	12
143	Sport activities and exercise as part of routine cancer care in children and adolescents. <i>Pediatric Blood and Cancer</i> , 2019 , 66, e27826	3	6
142	Associations between carotid artery longitudinal wall motion and arterial stiffness indicators in young children. <i>Atherosclerosis</i> , 2019 , 287, 64-69	3.1	4

141	Physical Activity and Trajectories of Cardiovascular Health Indicators During Early Childhood. <i>Pediatrics</i> , 2019 , 144,	7.4	23
140	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> , 2019 , 207, 104-112	3.5	5
139	Pediatric Traumatic Brain Injury and Exercise Medicine: A Narrative Review. <i>Pediatric Exercise Science</i> , 2019 , 31, 393-400	2	0
138	Physical activity in young children at risk for developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 2019 , 61, 1302-1308	3.3	6
137	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> , 2019 , 94, 158-166	3.2	8
136	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> , 2019 , 59, 310-324	1.4	31
135	Retrograde shift in carotid artery longitudinal wall motion after one-year follow-up in children. <i>Atherosclerosis</i> , 2019 , 288, 26-32	3.1	3
134	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> , 2019 , 16, 125	5.3	4
133	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> , 2019 , 16,	4.6	5
132	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> , 2019 , 16,	4.6	3
131	Physical activity and sedentary behaviour in children with spina bifida. <i>Developmental Medicine and Child Neurology</i> , 2019 , 61, 1400-1407	3.3	4
130	Trends in physical fitness among Canadian children and youth. <i>Health Reports</i> , 2019 , 30, 3-13	4.7	15
129	A Longitudinal Investigation On The Effect Of Age And Sex On Flow-mediated Dilation In Children. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 807-807	1.2	
128	Multimorbidity in Children and Youth Across the Life-course (MY LIFE): protocol of a Canadian prospective study. <i>BMJ Open</i> , 2019 , 9, e034544	3	16
127	Cohort profile: the Canadian coordination and activity tracking in children (CATCH) longitudinal cohort. <i>BMJ Open</i> , 2019 , 9, e029784	3	10
126	Emotional and Behavioral Problems in 4- and 5-Year Old Children With and Without Motor Delays. <i>Frontiers in Pediatrics</i> , 2019 , 7, 474	3.4	12
125	Characterization Of Exercise Blood Pressure Responses In Adolescents With A Chronic Inflammatory Condition. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 678-678	1.2	
124	Nutritional Considerations for Sport Participation in Children and Adolescents With Obesity. <i>American Journal of Lifestyle Medicine</i> , 2019 , 13, 129-137	1.9	1

123	Health-related Fitness in Preschool Children with and without Motor Delays. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1442-1448	1.2	16
122	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> , 2018 , 18, 972-985	5.3	36
121	Effect of 7 days of exercise on exogenous carbohydrate oxidation and insulin resistance in children with obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 677-683	3	2
120	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> , 2018 , 38, 396-401	2.4	6
119	Validity and reliability of a novel metabolic flexibility test in children with obesity. <i>Journal of Applied Physiology</i> , 2018 , 124, 1062-1070	3.7	4
118	The Implementation and Feasibility of the Supporting Physical Activity in the Childcare Environment (SPACE) Intervention: A Process Evaluation. <i>Health Education and Behavior</i> , 2018 , 45, 935-944	4.2	11
117	Preschoolers' health-related quality of life following the implementation of a childcare physical activity intervention. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 453-459	3	4
116	Differences in cardiovascular health in ambulatory persons with cerebral palsy. <i>Journal of Rehabilitation Medicine</i> , 2018 , 50, 892-897	3.4	4
115	Exercise training improves physical function and fitness in long-term paediatric brain tumour survivors treated with cranial irradiation. <i>European Journal of Cancer</i> , 2017 , 80, 63-72	7.5	24
114	Validity of field assessments to predict peak muscle power in preschoolers. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 850-854	3	7
113	Postexercise Dietary Protein Ingestion Increases Whole-Body Leucine Balance in a Dose-Dependent Manner in Healthy Children. <i>Journal of Nutrition</i> , 2017 , 147, 807-815	4.1	8
112	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> , 2017 , 17, 874	4.1	253
111	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> , 2017 , 14, 120	8.4	45
110	Systematic review of the relationships between physical activity and health indicators in the early years (0-4 years). <i>BMC Public Health</i> , 2017 , 17, 854	4.1	235
109	Exploring Accelerometer Versus Self-Report Sleep Assessment in Youth With Concussion. <i>Global Pediatric Health</i> , 2017 , 4, 2333794X17745973	1.2	12
108	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> , 2017 , 19, 440-450	1	45
107	Early Exercise in Critically Ill Youth and Children, a Preliminary Evaluation: The wEECYCLE Pilot Trial. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, e546-e554	3	25
106	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> , 2017 , 42, 1142-1148	3	6

105	Fatigue and its relationship with physical activity, age, and body composition in adults with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2017 , 59, 367-373	3.3	26
104	Comparing the Actical and ActiGraph Approach to Measuring Young Children's Physical Activity Levels and Sedentary Time. <i>Pediatric Exercise Science</i> , 2016 , 28, 133-42	2	21
103	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> , 2016 , 28, 55-63	2	14
102	The Effect of Postexercise Milk Protein Intake on Rehydration of Children. <i>Pediatric Exercise Science</i> , 2016 , 28, 286-95	2	3
101	Tracking of physical activity and fitness during the early years. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016 , 41, 504-10	3	15
100	Circulating Endothelial Progenitor Cells in Youth: Fitness, Physical Activity and Adiposity. <i>International Journal of Sports Medicine</i> , 2016 , 37, 388-94	3.6	0
99	Supporting Physical Activity in the Childcare Environment (SPACE): rationale and study protocol for a cluster randomized controlled trial. <i>BMC Public Health</i> , 2016 , 16, 112	4.1	8
98	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> , 2016 , 18, iii146.2-iii146	1	78
97	Energy substrate utilization with and without exogenous carbohydrate intake in boys and men exercising in the heat. <i>Journal of Applied Physiology</i> , 2016 , 121, 1127-1134	3.7	3
96	Thermoregulation in boys and men exercising at the same heat production per unit body mass. <i>European Journal of Applied Physiology</i> , 2016 , 116, 1411-9	3.4	14
95	No difference in exogenous carbohydrate oxidation during exercise in children with and without impaired glucose tolerance. <i>Journal of Applied Physiology</i> , 2016 , 121, 724-9	3.7	4
94	Physical activity and sedentary behaviour of Canadian children aged 3 to 5. <i>Health Reports</i> , 2016 , 27, 14-23	4.7	23
93	Objectively measured physical activity levels of young children with congenital heart disease. <i>Cardiology in the Young</i> , 2015 , 25, 520-5	1	21
92	Associations of non-invasive measures of arterial structure and function, and traditional indicators of cardiovascular risk in adults with cerebral palsy. <i>Atherosclerosis</i> , 2015 , 243, 462-5	3.1	15
91	Fitness and physical activity in youth with type 1 diabetes mellitus in good or poor glycemic control. <i>Pediatric Diabetes</i> , 2015 , 16, 48-57	3.6	25
90	Effects of acute exercise on markers of inflammation in pediatric chronic kidney disease: a pilot study. <i>Pediatric Nephrology</i> , 2015 , 30, 615-21	3.2	11
89	Nutritional Considerations for the Overweight Young Athlete. <i>Pediatric Exercise Science</i> , 2015 , 27, 463-76		1
88	Effects of Short-Term Exercise Training With and Without Milk Intake on Cardiometabolic and Inflammatory Adaptations in Obese Adolescents. <i>Pediatric Exercise Science</i> , 2015 , 27, 518-24	2	3

87	Sedentary Time and Screen-Based Sedentary Behaviors of Children With a Chronic Disease. <i>Pediatric Exercise Science</i> , 2015 , 27, 219-25	2	20
86	Descriptive data on cardiovascular and metabolic risk factors in ambulatory and non-ambulatory adults with cerebral palsy. <i>Data in Brief</i> , 2015 , 5, 967-70	1.2	11
85	Quantification of Physical Activity and Sedentary Time in Adults with Cerebral Palsy. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1719-26	1.2	31
84	Exertion Testing in Youth with Mild Traumatic Brain Injury/Concussion. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2283-90	1.2	30
83	Functional recovery following critical illness in children: the "wee-cover" pilot study. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, 310-8	3	42
82	The Coordination and Activity Tracking in CHildren (CATCH) study: rationale and design. <i>BMC Public Health</i> , 2015 , 15, 1266	4.1	18
81	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> , 2015 , 13, 41	3.5	10
80	In-Bed Mobilization in Critically Ill Children: A Safety and Feasibility Trial. <i>Journal of Pediatric Intensive Care</i> , 2015 , 4, 225-234	1	7
79	Postexercise protein ingestion increases whole body net protein balance in healthy children. <i>Journal of Applied Physiology</i> , 2014 , 117, 1493-501	3.7	16
78	The effects of resting and exercise serum from children with cystic fibrosis on C2C12 myoblast proliferation in vitro. <i>Physiological Reports</i> , 2014 , 2, e12042	2.6	4
77	Effect of milk consumption on rehydration in youth following exercise in the heat. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 1257-64	3	16
76	Mild to moderate hypohydration reduces boys' high-intensity cycling performance in the heat. <i>European Journal of Applied Physiology</i> , 2014 , 114, 707-13	3.4	5
75	Self-efficacy toward physical activity and the physical activity behavior of children with and without Developmental Coordination Disorder. <i>Human Movement Science</i> , 2014 , 36, 258-71	2.4	43
74	Application of stable isotope tracers in the study of exercise metabolism in children: a primer. <i>Pediatric Exercise Science</i> , 2014 , 26, 3-10	2	7
73	Results from Canada's 2014 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2014 , 11 Suppl 1, S26-32	2.5	36
72	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> , 2014 , 11, 6009-20	4.6	51
71	Effects of postexercise milk consumption on whole body protein balance in youth. <i>Journal of Applied Physiology</i> , 2014 , 117, 1165-9	3.7	9
70	Markers of biological stress and mucosal immunity during a week leading to competition in adolescent swimmers. <i>Journal of Immunology Research</i> , 2014 , 2014, 234565	4.5	9

69	Measurement of habitual physical activity and sedentary behaviour of youth with cerebral palsy: work in progress. <i>Developmental Medicine and Child Neurology</i> , 2014 , 56, 911	3.3	5
68	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> , 2014 , 94, 1163-7	3.3	29
67	Circulating endothelial cells in children: role of fitness, activity, and adiposity. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1974-80	1.2	4
66	Reduced fat oxidation rates during submaximal exercise in boys with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2014 , 13, 92-8	4.1	6
65	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> , 2013 , 10, 54	8.4	125
64	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> , 2013 , 13, 47	2.6	12
63	The Young Athlete 2013 , 359-368		
62	Body weight changes in child and adolescent athletes during a triathlon competition. <i>European Journal of Applied Physiology</i> , 2013 , 113, 233-9	3.4	10
61	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> , 2013 , 49, 370-3	2.9	10
60	Step count targets corresponding to new physical activity guidelines for the early years. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 314-8	1.2	23
59	Reduced fat oxidation rates during submaximal exercise in adolescents with Crohn's disease. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 2659-65	4.5	3
58	"Wii-Hab" in critically ill children: a pilot trial. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2013 , 6, 193-204	4.4	33
57	Influence of pubertal stage on local sweating patterns of girls exercising in the heat. <i>Pediatric Exercise Science</i> , 2013 , 25, 212-20	2	2
56	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> , 2013 , 18, 25-8	0.7	38
55	Systematic review of sedentary behaviour and health indicators in the early years (aged 0-4 years). <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 753-72	3	195
54	Vascular and autonomic function in preschool-aged children with congenital heart disease. <i>Congenital Heart Disease</i> , 2012 , 7, 289-97	3.1	7
53	Canadian Physical Activity Guidelines for the Early Years (aged 0-4 years). <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 345-69	3	173
52	Directives canadiennes en matière de comportement sédentaire pour la petite enfance (enfants âgés de 0-4 ans). <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 381-391	3	

51	Directives canadiennes en matière d'activité physique pour la petite enfance (enfants âgés de 0-4 ans). <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 357-369	3	2
50	Canadian Sedentary Behaviour Guidelines for the Early Years (aged 0-4 years). <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 370-91	3	115
49	Fluid Balance and Dehydration in the Young Athlete: Assessment Considerations and Effects on Health and Performance. <i>American Journal of Lifestyle Medicine</i> , 2012 , 6, 489-501	1.9	16
48	Inflammatory and growth factor response to continuous and intermittent exercise in youth with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2012 , 11, 108-18	4.1	10
47	The health outcomes and physical activity in preschoolers (HOPP) study: rationale and design. <i>BMC Public Health</i> , 2012 , 12, 284	4.1	24
46	Systematic review of physical activity and health in the early years (aged 0-4 years). <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 773-92	3	353
45	Arterial structure and function in ambulatory adolescents with cerebral palsy are not different from healthy controls. <i>International Journal of Pediatrics (United Kingdom)</i> , 2012 , 2012, 168209	2.1	12
44	Exercise and inflammation in pediatric Crohn's disease. <i>International Journal of Sports Medicine</i> , 2012 , 33, 671-9	3.6	26
43	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> , 2012 , 19, 1624-32		5
42	Accelerometry: a feasible method to quantify physical activity in ambulatory and nonambulatory adolescents with cerebral palsy. <i>International Journal of Pediatrics (United Kingdom)</i> , 2012 , 2012, 329284 ^{2.1}		44
41	The Interaction of Exercise, Stress, and Inflammation on Growth 2012 , 2427-2453		
40	Reliability of fitness measures in 3- to 5-year-old children. <i>Pediatric Exercise Science</i> , 2011 , 23, 250-60	2	20
39	Optimizing the Wingate Anaerobic Cycling Test for youth with juvenile idiopathic arthritis. <i>Pediatric Exercise Science</i> , 2011 , 23, 303-10	2	6
38	Metabolic flexibility and obesity in children and youth. <i>Obesity Reviews</i> , 2011 , 12, e44-53	10.6	27
37	Exercise capacity in pediatric patients with inflammatory bowel disease. <i>Journal of Pediatrics</i> , 2011 , 158, 814-9	3.6	26
36	Carbohydrate intake reduces fat oxidation during exercise in obese boys. <i>European Journal of Applied Physiology</i> , 2011 , 111, 3135-41	3.4	11
35	Short-term muscle power and speed in preschoolers exhibit stronger tracking than physical activity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011 , 36, 939-45	3	13
34	Physical activity in Ontario preschoolers: prevalence and measurement issues. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011 , 36, 291-7	3	48

33	Transcriptome and translational signaling following endurance exercise in trained skeletal muscle: impact of dietary protein. <i>Physiological Genomics</i> , 2011 , 43, 1004-20	3.6	46
32	Correlates of mucosal immunity and upper respiratory tract infections in girls. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2010 , 23, 579-87	1.6	8
31	Voluntary fluid intake, hydration status, and aerobic performance of adolescent athletes in the heat. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010 , 35, 834-41	3	13
30	Noninvasive measures of vascular health are reliable in preschool-aged children. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010 , 35, 512-7	3	14
29	Effects of recovery method after exercise on performance, immune changes, and psychological outcomes. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2010 , 40, 656-65	4.2	26
28	Anaerobic-to-aerobic power ratio in children with juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2009 , 61, 787-93		9
27	Two methods for determining plasma IL-6 in humans at rest and following exercise. <i>European Journal of Applied Physiology</i> , 2009 , 105, 13-8	3.4	5
26	Feasibility of Fitness Testing in Children Treated for Suprapituitary Brain Tumors: A Pilot Study. <i>Rehabilitation Oncology</i> , 2009 , 27, 3-6	0.8	3
25	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> , 2009 , 15, 6-41	8.6	110
24	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> , 2008 , 33, 39-51	3	67
23	A pediatric perspective on inflammation and oxidative stress in response to exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 411-9	3	7
22	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> , 2008 , 105, 742-8	3.7	56
21	Physical Activity and Fitness of Korean Boys with Scoliosis. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S412	1.2	
20	Human natural killer cell subsets and acute exercise: a brief review. <i>Exercise Immunology Review</i> , 2008 , 14, 8-23	8.6	85
19	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> , 2007 , 32, 416-25	3	45
18	Evidence of sex-based differences in natural killer cell responses to exercise and carbohydrate intake in children. <i>European Journal of Applied Physiology</i> , 2007 , 101, 233-40	3.4	7
17	Exercise and Immune Function in Children. <i>American Journal of Lifestyle Medicine</i> , 2007 , 1, 59-66	1.9	9
16	Energy substrate utilization during prolonged exercise with and without carbohydrate intake in preadolescent and adolescent girls. <i>Journal of Applied Physiology</i> , 2007 , 103, 995-1000	3.7	44

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