

Craig A Williams

List of Publications by Citations

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212
papers

4,475
citations

35
h-index

56
g-index

230
ext. papers

5,196
ext. citations

3.2
avg, IF

5.74
L-index

#	Paper	IF	Citations
212	The long-term athlete development model: physiological evidence and application. <i>Journal of Sports Sciences</i> , 2011 , 29, 389-402	3.6	209
211	Oxygen uptake kinetics in treadmill running and cycle ergometry: a comparison. <i>Journal of Applied Physiology</i> , 2000 , 89, 899-907	3.7	182
210	Muscle fatigue during high-intensity exercise in children. <i>Sports Medicine</i> , 2006 , 36, 1031-65	10.6	137
209	Establishing maximal oxygen uptake in young people during a ramp cycle test to exhaustion. <i>British Journal of Sports Medicine</i> , 2011 , 45, 498-503	10.3	123
208	Long-term athletic development- part 1: a pathway for all youth. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 1439-50	3.2	121
207	Reliability and validity of field-based measures of leg stiffness and reactive strength index in youths. <i>Journal of Sports Sciences</i> , 2009 , 27, 1565-73	3.6	115
206	Effect of endurance training on oxygen uptake kinetics during treadmill running. <i>Journal of Applied Physiology</i> , 2000 , 89, 1744-52	3.7	88
205	Prevalence of nonfunctional overreaching/overtraining in young English athletes. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 1287-94	1.2	84
204	Role of intensive training in the growth and maturation of artistic gymnasts. <i>Sports Medicine</i> , 2013 , 43, 783-802	10.6	83
203	Influence of acetaminophen on performance during time trial cycling. <i>Journal of Applied Physiology</i> , 2010 , 108, 98-104	3.7	81
202	Influence of feedback and prior experience on pacing during a 4-km cycle time trial. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 451-8	1.2	79
201	Probing ultrafast dynamics in photoexcited pyrrole: timescales for pi sigma* mediated H-atom elimination. <i>Faraday Discussions</i> , 2013 , 163, 95-116; discussion 117-38	3.6	72
200	Physiological responses during exercise to exhaustion at critical power. <i>European Journal of Applied Physiology</i> , 2002 , 88, 146-51	3.4	72
199	Cardiopulmonary exercise testing in children: an individualized protocol for workload increase. <i>Chest</i> , 2001 , 120, 81-7	5.3	66
198	Changes in jump performance and muscle activity following soccer-specific exercise. <i>Journal of Sports Sciences</i> , 2008 , 26, 141-8	3.6	64
197	Oxygen uptake kinetics during treadmill running in boys and men. <i>Journal of Applied Physiology</i> , 2001 , 90, 1700-6	3.7	64
196	The influence of chronological age on periods of accelerated adaptation of stretch-shortening cycle performance in pre and postpubescent boys. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 1889-97	3.2	63

195	The Copenhagen Consensus Conference 2016: children, youth, and physical activity in schools and during leisure time. <i>British Journal of Sports Medicine</i> , 2016 , 50, 1177-8	10.3	63
194	Systematic review and meta-analysis of the association between childhood overweight and obesity and primary school diet and physical activity policies. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013 , 10, 101	8.4	61
193	Long-term athletic development, part 2: barriers to success and potential solutions. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 1451-64	3.2	61
192	The effects of 4-weeks of plyometric training on reactive strength index and leg stiffness in male youths. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 2812-9	3.2	60
191	Age-related differences in the neural regulation of stretch-shortening cycle activities in male youths during maximal and sub-maximal hopping. <i>Journal of Electromyography and Kinesiology</i> , 2012 , 22, 37-43	2.5	58
190	A survey of exercise testing and training in UK cystic fibrosis clinics. <i>Journal of Cystic Fibrosis</i> , 2010 , 9, 302-6	4.1	54
189	Heart rate response and fitness effects of various types of physical education for 8- to 9-year-old schoolchildren. <i>European Journal of Sport Science</i> , 2014 , 14, 861-9	3.9	52
188	Oxygen uptake kinetics in children and adolescents: a review. <i>Pediatric Exercise Science</i> , 2009 , 21, 130-472		52
187	Effect of training on the aerobic power and anaerobic performance of prepubertal girls. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1997 , 86, 456-9	3.1	51
186	Effects of age and mode of exercise on power output profiles during repeated sprints. <i>European Journal of Applied Physiology</i> , 2004 , 92, 204-10	3.4	51
185	Effects of age and recovery duration on performance during multiple treadmill sprints. <i>International Journal of Sports Medicine</i> , 2006 , 27, 1-8	3.6	48
184	Short-term appetite and energy intake following imposed exercise in 9- to 10-year-old girls. <i>Appetite</i> , 2004 , 43, 127-34	4.5	47
183	Muscle metabolism changes with age and maturation: How do they relate to youth sport performance?. <i>British Journal of Sports Medicine</i> , 2015 , 49, 860-4	10.3	45
182	Two weeks of high-intensity interval training improves novel but not traditional cardiovascular disease risk factors in adolescents. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H1039-47	5.2	44
181	High intensity interval exercise is an effective alternative to moderate intensity exercise for improving glucose tolerance and insulin sensitivity in adolescent boys. <i>Journal of Science and Medicine in Sport</i> , 2015 , 18, 720-4	4.4	43
180	Seasonal variation in physical activity and sedentary time in different European regions. The HELENA study. <i>Journal of Sports Sciences</i> , 2013 , 31, 1831-40	3.6	41
179	Reliability of a Field and Laboratory Test of Repeated Sprint Ability. <i>Pediatric Exercise Science</i> , 2006 , 18, 339-350	2	36
178	Seasonal monitoring of sprint and jump performance in a soccer youth academy. <i>International Journal of Sports Physiology and Performance</i> , 2011 , 6, 264-75	3.5	35

177	A protocol to determine valid $\dot{V}O_{2\max}$ in young cystic fibrosis patients. <i>Journal of Science and Medicine in Sport</i> , 2013 , 16, 539-44	4.4	33
176	The Impact of Sport Participation on Bone Mass and Geometry in Male Adolescents. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 317-326	1.2	32
175	Muscle phosphocreatine and pulmonary oxygen uptake kinetics in children at the onset and offset of moderate intensity exercise. <i>European Journal of Applied Physiology</i> , 2008 , 102, 727-38	3.4	32
174	Muscle phosphocreatine kinetics in children and adults at the onset and offset of moderate-intensity exercise. <i>Journal of Applied Physiology</i> , 2008 , 105, 446-56	3.7	31
173	Evaluation of a field test to assess performance in elite cyclists. <i>International Journal of Sports Medicine</i> , 2010 , 31, 160-6	3.6	30
172	Altered neuromuscular control of leg stiffness following soccer-specific exercise. <i>European Journal of Applied Physiology</i> , 2014 , 114, 2241-9	3.4	29
171	Aerobic responses of prepubertal boys to two modes of training. <i>British Journal of Sports Medicine</i> , 2000 , 34, 168-73	10.3	29
170	Is cardiac autonomic function associated with cardiorespiratory fitness and physical activity in children and adolescents? A systematic review of cross-sectional studies. <i>International Journal of Cardiology</i> , 2017 , 236, 113-122	3.2	28
169	Acute cardiorespiratory, perceptual and enjoyment responses to high-intensity interval exercise in adolescents. <i>European Journal of Sport Science</i> , 2017 , 17, 1335-1342	3.9	28
168	Perspectives on high-intensity interval exercise for health promotion in children and adolescents. <i>Open Access Journal of Sports Medicine</i> , 2017 , 8, 243-265	2.9	27
167	Perceptual Responses to High- and Moderate-Intensity Interval Exercise in Adolescents. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1021-1030	1.2	27
166	Reproducibility of maximal cardiopulmonary exercise testing for young cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2013 , 12, 644-50	4.1	26
165	Age- and sex-related differences in muscle phosphocreatine and oxygenation kinetics during high-intensity exercise in adolescents and adults. <i>NMR in Biomedicine</i> , 2010 , 23, 569-77	4.4	26
164	Effects of low and high cadence interval training on power output in flat and uphill cycling time-trials. <i>European Journal of Applied Physiology</i> , 2012 , 112, 69-78	3.4	25
163	The Acute Effect of Exercise Intensity on Vascular Function in Adolescents. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2628-35	1.2	25
162	Exercise intensity and the protection from postprandial vascular dysfunction in adolescents. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H1443-50	5.2	24
161	The effect of 12-month participation in osteogenic and non-osteogenic sports on bone development in adolescent male athletes. The PRO-BONE study. <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 404-409	4.4	24
160	Longitudinal Adaptations of Bone Mass, Geometry, and Metabolism in Adolescent Male Athletes: The PRO-BONE Study. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 2269-2277	6.3	24

159	Aerobic fitness and physical activity in children. <i>Pediatric Exercise Science</i> , 2013 , 25, 548-60	2	24
158	The effect of non-contingent and accurate performance feedback on pacing and time trial performance in 4-km track cycling. <i>British Journal of Sports Medicine</i> , 2011 , 45, 225-9	10.3	24
157	Longitudinal changes in young people's short-term power output. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 1140-5	1.2	24
156	Determinants of Bone Outcomes in Adolescent Athletes at Baseline: The PRO-BONE Study. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1389-1396	1.2	23
155	Effect of a program of short bouts of exercise on bone health in adolescents involved in different sports: the PRO-BONE study protocol. <i>BMC Public Health</i> , 2015 , 15, 361	4.1	22
154	Sex difference in peak oxygen uptake in prepubertal children. <i>Journal of Science and Medicine in Sport</i> , 2009 , 12, 647-51	4.4	22
153	Aerobic fitness and visceral adipose tissue in children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2006 , 95, 1435-8	3.1	22
152	The effect of a high-impact jumping intervention on bone mass, bone stiffness and fitness parameters in adolescent athletes. <i>Archives of Osteoporosis</i> , 2018 , 13, 128	2.9	22
151	Prediction of Maximal Heart Rate in Children and Adolescents. <i>Clinical Journal of Sport Medicine</i> , 2017 , 27, 139-144	3.2	21
150	Top 10 Research Questions Related to Youth Aerobic Fitness. <i>Research Quarterly for Exercise and Sport</i> , 2017 , 88, 130-148	1.9	21
149	The influence of 2 weeks of low-volume high-intensity interval training on health outcomes in adolescent boys. <i>Journal of Sports Sciences</i> , 2014 , 32, 757-65	3.6	21
148	Exercise training in children and adolescents with cystic fibrosis: theory into practice. <i>International Journal of Pediatrics (United Kingdom)</i> , 2010 , 2010,	2.1	21
147	Physiological responses during cycling with noncircular "Harmonic" and circular chainrings. <i>European Journal of Applied Physiology</i> , 2004 , 91, 100-4	3.4	21
146	Cystic fibrosis and physiological responses to exercise. <i>Expert Review of Respiratory Medicine</i> , 2014 , 8, 751-62	3.8	20
145	A systematic review of associations between the primary school built environment and childhood overweight and obesity. <i>Health and Place</i> , 2012 , 18, 504-14	4.6	20
144	A longitudinal investigation into the relative age effect in an English professional football club: exploring the "Underdog hypothesis". <i>Science and Medicine in Football</i> , 2020 , 4, 111-118	2.7	20
143	Evaluating attentional and affective changes following an acute exercise bout using a modified dot-probe protocol. <i>Journal of Sports Sciences</i> , 2010 , 28, 1065-76	3.6	19
142	Reliability and validity of a soccer-specific test of prolonged repeated-sprint ability. <i>International Journal of Sports Physiology and Performance</i> , 2007 , 2, 137-49	3.5	19

141	Dietary restraint and self-perceptions in early adolescence. <i>Personality and Individual Differences</i> , 1994 , 17, 87-96	3.3	19
140	Physical activity and exercise training in young people with cystic fibrosis: Current recommendations and evidence. <i>Journal of Sport and Health Science</i> , 2013 , 2, 39-46	8.2	18
139	Age- and sex-associated differences in isokinetic knee muscle endurance between young children and adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009 , 34, 725-31	3	18
138	Bias and limits of agreement between hydrodensitometry, bioelectrical impedance and skinfold calipers measures of percentage body fat. <i>European Journal of Applied Physiology</i> , 1998 , 77, 271-7	3.4	18
137	Reliability of ³¹ P-magnetic resonance spectroscopy during an exhaustive incremental exercise test in children. <i>European Journal of Applied Physiology</i> , 2006 , 98, 556-65	3.4	18
136	Aerobic Function and Muscle Deoxygenation Dynamics during Ramp Exercise in Children. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1877-84	1.2	17
135	Impaired aerobic function in patients with cystic fibrosis during ramp exercise. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 2271-8	1.2	17
134	Achievement of peak VO ₂ during a 90-s maximal intensity cycle sprint in adolescents. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005 , 30, 157-71		17
133	Exercise intensity and postprandial health outcomes in adolescents. <i>European Journal of Applied Physiology</i> , 2015 , 115, 927-36	3.4	16
132	The effect of baseline metabolic rate on pulmonary O ₂ uptake kinetics during very heavy intensity exercise in boys and men. <i>Respiratory Physiology and Neurobiology</i> , 2012 , 180, 223-9	2.8	15
131	The effect of ivacaftor in adolescents with cystic fibrosis (G551D mutation): an exercise physiology perspective. <i>Pediatric Physical Therapy</i> , 2014 , 26, 454-61	0.9	15
130	Longitudinal monitoring of power output and heart rate profiles in elite cyclists. <i>Journal of Sports Sciences</i> , 2011 , 29, 831-40	3.6	15
129	Relationship between brief and prolonged repeated sprint ability. <i>Journal of Science and Medicine in Sport</i> , 2009 , 12, 238-43	4.4	15
128	Influence of exercise variation on the retention of a pacing strategy. <i>European Journal of Applied Physiology</i> , 2010 , 108, 1015-23	3.4	15
127	Youth cardiorespiratory fitness: evidence, myths and misconceptions. <i>Bulletin of the World Health Organization</i> , 2019 , 97, 777-782	8.2	15
126	Exercise Performance in Children and Young Adults After Complete and Incomplete Repair of Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2015 , 36, 1573-81	2.1	14
125	Young people are fit and active [Fact or fiction?]. <i>Journal of Sport and Health Science</i> , 2012 , 1, 131-140	8.2	14
124	Early oxygen uptake recovery following exercise testing in children with chronic chest diseases. <i>Pediatric Pulmonology</i> , 2009 , 44, 480-8	3.5	14

123	External exercise information provides no immediate additional performance benefit to untrained individuals in time trial cycling. <i>British Journal of Sports Medicine</i> , 2012 , 46, 49-53	10.3	14
122	Clinical exercise testing in children and adolescents with cystic fibrosis. <i>Pediatric Physical Therapy</i> , 2009 , 21, 275-81	0.9	14
121	Muscle metabolism during constant- and alternating-intensity exercise around critical power. <i>International Journal of Sports Medicine</i> , 2007 , 28, 300-5	3.6	14
120	Impaired Pulmonary $\dot{V}O_2$ Kinetics in Cystic Fibrosis Depend on Exercise Intensity. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 2090-2099	1.2	14
119	The Trainability of Adolescent Soccer Players to Brief Periodized Complex Training. <i>International Journal of Sports Physiology and Performance</i> , 2018 , 13, 645-655	3.5	13
118	The relationship between biventricular myocardial performance and metabolic parameters during incremental exercise and recovery in healthy adolescents. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H2067-76	5.2	13
117	Hydration status, fluid intake, and electrolyte losses in youth soccer players. <i>International Journal of Sports Physiology and Performance</i> , 2012 , 7, 367-74	3.5	13
116	A 9-Month Jumping Intervention to Improve Bone Geometry in Adolescent Male Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2544-2554	1.2	13
115	Acute Exercise and Insulin Sensitivity in Boys: A Time-Course Study. <i>International Journal of Sports Medicine</i> , 2017 , 38, 967-974	3.6	12
114	Validity of the Supramaximal Test to Verify Maximal Oxygen Uptake in Children and Adolescents. <i>Pediatric Exercise Science</i> , 2019 , 31, 213-222	2	12
113	The effect of priming exercise on O_2 uptake kinetics, muscle O_2 delivery and utilization, muscle activity, and exercise tolerance in boys. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 308-17	3	12
112	Environmental factors affecting elite young athletes. <i>Medicine and Sport Science</i> , 2011 , 56, 150-170		12
111	Peak Aerobic Fitness of Visually Impaired and Sighted Adolescent Girls. <i>Journal of Visual Impairment and Blindness</i> , 1996 , 90, 495-500	0.7	12
110	Modelling the Progression of Male Swimmers' Performances through Adolescence. <i>Sports</i> , 2016 , 4,	3	12
109	Aerobic Fitness and Trainability in Healthy Youth: Gaps in Our Knowledge. <i>Pediatric Exercise Science</i> , 2016 , 28, 171-7	2	11
108	Adaptations of aortic and pulmonary artery flow parameters measured by phase-contrast magnetic resonance angiography during supine aerobic exercise. <i>European Journal of Applied Physiology</i> , 2014 , 114, 1013-23	3.4	11
107	Paediatric exercise training in prevention and treatment. <i>Archives of Disease in Childhood</i> , 2014 , 99, 380-5.2		11
106	Critical power in adolescents: physiological bases and assessment using all-out exercise. <i>European Journal of Applied Physiology</i> , 2012 , 112, 1359-70	3.4	11

105	The effect of pedal rate on pulmonary O ₂ uptake kinetics during very heavy intensity exercise in trained and untrained teenage boys. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 177, 149-54	2.8	11
104	Critical power in adolescent boys and girls—an exploratory study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 1105-11	3	11
103	The influence of ventilatory control on heart rate variability in children. <i>Journal of Sports Sciences</i> , 2002 , 20, 407-15	3.6	11
102	Barriers and facilitators to physical activity among children, adolescents, and young adults with cystic fibrosis: a systematic review and thematic synthesis of qualitative research. <i>BMJ Open</i> , 2020 , 10, e035261	3	10
101	A single bout of high-intensity interval exercise and work-matched moderate-intensity exercise has minimal effect on glucose tolerance and insulin sensitivity in 7- to 10-year-old boys. <i>Journal of Sports Sciences</i> , 2018 , 36, 149-155	3.6	10
100	Mechanisms of blood pressure control following acute exercise in adolescents: Effects of exercise intensity on haemodynamics and baroreflex sensitivity. <i>Experimental Physiology</i> , 2018 , 103, 1056-1066	2.4	10
99	Soft tissues, areal bone mineral density and hip geometry estimates in active young boys: the PRO-BONE study. <i>European Journal of Applied Physiology</i> , 2017 , 117, 833-842	3.4	10
98	Accumulating exercise and postprandial health in adolescents. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 1068-76	12.7	10
97	Longitudinal changes in the oxygen uptake kinetic response to heavy-intensity exercise in 14- to 16-year-old boys. <i>Pediatric Exercise Science</i> , 2010 , 22, 69-80	2	10
96	Assessment of Maximal Isometric Hand Grip Strength in School-aged Children. <i>Open Medicine (Poland)</i> , 2018 , 13, 22-28	2.2	9
95	Exercise metabolism during moderate-intensity exercise in children with cystic fibrosis following heavy-intensity exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011 , 36, 920-7	3	9
94	Cardiorespiratory fitness, fatness, and blood pressure associations in Nigerian youth. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1978-85	1.2	9
93	Longitudinal change in the oxygen uptake kinetic response to heavy-intensity exercise in 14- to 16-years-old boys. <i>Pediatric Exercise Science</i> , 2010 , 22, 314-25	2	9
92	Prediction of visceral adipose tissue using air displacement plethysmography in children. <i>Obesity</i> , 2005 , 13, 2048-51		9
91	Exercise-induced fatigue in young people: advances and future perspectives. <i>European Journal of Applied Physiology</i> , 2018 , 118, 899-910	3.4	8
90	Short-Term Power Output in 9-Year-Old Children: Typical Error between Ergometers and Protocols. <i>Pediatric Exercise Science</i> , 2003 , 15, 302-312	2	8
89	Cardiac Autonomic Function, Cardiovascular Risk and Physical Activity in Adolescents. <i>International Journal of Sports Medicine</i> , 2018 , 39, 89-96	3.6	8
88	High-intensity interval exercise and glycemic control in adolescents with type one diabetes mellitus: a case study. <i>Physiological Reports</i> , 2017 , 5, e13339	2.6	7

87	Kicking velocity and physical, technical, tactical match performance for U18 female football players--effect of a new ball. <i>Human Movement Science</i> , 2012 , 31, 1624-38	2.4	7
86	Children's and adolescents' anaerobic performance during cycle ergometry. <i>Sports Medicine</i> , 1997 , 24, 227-40	10.6	7
85	Technical testing and match analysis statistics as part of the talent development process in an English football academy. <i>International Journal of Performance Analysis in Sport</i> , 2020 , 20, 1035-1051	1.8	7
84	A multidisciplinary investigation into "playing-up" in academy football according to age phase. <i>Journal of Sports Sciences</i> , 2021 , 39, 854-864	3.6	7
83	The reliability of a single protocol to determine endothelial, microvascular and autonomic functions in adolescents. <i>Clinical Physiology and Functional Imaging</i> , 2017 , 37, 703-709	2.4	6
82	Airflow limitation following cardiopulmonary exercise testing and heavy-intensity intermittent exercise in children with cystic fibrosis. <i>European Journal of Pediatrics</i> , 2015 , 174, 251-7	4.1	6
81	Test-Retest Reliability of Handgrip Strength Measurement in Children and Preadolescents. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	6
80	Heart Rate Variability in Children and Adolescents with Cerebral Palsy-A Systematic Literature Review. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
79	Muscle metabolism during fatiguing isometric quadriceps exercise in adolescents and adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 439-45	3	6
78	Prevalence of non-functional overreaching in elite male and female youth academy football players. <i>Science and Medicine in Football</i> , 2017 , 1, 222-228	2.7	6
77	Comparison of power output during ergometer and track cycling in adolescent cyclists. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 1049-56	3.2	6
76	Reliability of the Single-Visit Field Test of Critical Speed in Trained and Untrained Adolescents. <i>Sports</i> , 2015 , 3, 358-368	3	6
75	Critical power is not attained at the end of an isokinetic 90-second all-out test in children. <i>Journal of Sports Sciences</i> , 2009 , 27, 379-85	3.6	6
74	Dynamic trunk strength of Canadian football players, soccer players, and middle to long distance runners. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 1997 , 25, 271-6	4.2	6
73	The Validation of Session Rating of Perceived Exertion for Quantifying Internal Training Load in Adolescent Distance Runners. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 14, 354-359	3.5	6
72	Variation in the Correlation Between Heart Rate and Session Rating of Perceived Exertion-Based Estimations of Internal Training Load in Youth Soccer Players. <i>Pediatric Exercise Science</i> , 2019 , 31, 91-98	2	6
71	The oxygen uptake efficiency slope is not a valid surrogate of aerobic fitness in cystic fibrosis. <i>Pediatric Pulmonology</i> , 2018 , 53, 36-42	3.5	6
70	Perceptual and prefrontal cortex haemodynamic responses to high-intensity interval exercise with decreasing and increasing work-intensity in adolescents. <i>International Journal of Psychophysiology</i> , 2018 , 133, 140-148	2.9	6

69	A survey of exercise advice and recommendations in United Kingdom paediatric cardiac clinics. <i>Cardiology in the Young</i> , 2017 , 27, 951-956	1	5
68	Scaling the Oxygen Uptake Efficiency Slope for Body Size in Cystic Fibrosis. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1980-1986	1.2	5
67	Agreement and Reliability of Fasted and Oral Glucose Tolerance Test-Derived Indices of Insulin Sensitivity and Beta Cell Function in Boys. <i>International Journal of Sports Medicine</i> , 2017 , 38, 411-417	3.6	5
66	Fatigue and recovery in children and adults during sustained contractions at 2 different submaximal intensities. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013 , 38, 953-9	3	5
65	The effects of a post-workout nutraceutical drink on body composition, performance and hormonal and biochemical responses in Division I college football players. <i>Comparative Exercise Physiology</i> , 2009 , 6, 73	0.7	5
64	Isokinetic Measurement of Maximal Muscle Power during Leg Cycling: A Comparison of Adolescent Boys and Adult Men. <i>Pediatric Exercise Science</i> , 2001 , 13, 154-166	2	5
63	Calibration and validation of accelerometry using cut-points to assess physical activity in paediatric clinical groups: A systematic review. <i>Preventive Medicine Reports</i> , 2020 , 19, 101142	2.6	5
62	A web-based intervention to promote physical activity in adolescents and young adults with cystic fibrosis: protocol for a randomized controlled trial. <i>BMC Pulmonary Medicine</i> , 2019 , 19, 253	3.5	5
61	Using photo-elicitation to explore perceptions of physical activity among young people with cystic fibrosis. <i>BMC Pulmonary Medicine</i> , 2019 , 19, 220	3.5	5
60	Prevalence and burden of health problems in competitive adolescent distance runners: A 6-month prospective cohort study. <i>Journal of Sports Sciences</i> , 2021 , 39, 1366-1375	3.6	5
59	Adolescent brain activation: dependence on sex, dietary satiation, and restraint. <i>Nutritional Neuroscience</i> , 2018 , 21, 439-446	3.6	4
58	Stability of within-sport specialisation in competitive adolescent sub-elite swimmers. <i>International Journal of Performance Analysis in Sport</i> , 2016 , 16, 12-28	1.8	4
57	The effect of breakfast versus no breakfast on brain activity in adolescents when performing cognitive tasks, as assessed by fMRI. <i>Nutritional Neuroscience</i> , 2016 , 19, 110-5	3.6	4
56	Analysis of oxygen uptake efficiency parameters in young people with cystic fibrosis. <i>European Journal of Applied Physiology</i> , 2018 , 118, 2055-2063	3.4	4
55	Power output and $\dot{V}O_2$ responses during 30 s maximal isokinetic cycle sprints at different cadences in comparison to the Wingate test. <i>Isokinetics and Exercise Science</i> , 2006 , 14, 327-333	0.6	4
54	The reproducibility of an endurance performance test in adolescent cyclists. <i>European Journal of Applied Physiology</i> , 2005 , 94, 618-25	3.4	4
53	How Confident Can We Be in Modelling Female Swimming Performance in Adolescence?. <i>Sports</i> , 2016 , 4,	3	4
52	Promotion of physical activity for adolescents with cystic fibrosis: a qualitative study of UK multi disciplinary cystic fibrosis teams. <i>Physiotherapy</i> , 2020 , 106, 111-118	3	4

51	The role of cardiopulmonary exercise testing in predicting mortality and morbidity in people with congenital heart disease: a systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	4
50	Pediatric Aerobic Fitness and Trainability. <i>Pediatric Exercise Science</i> , 2017 , 29, 8-13	2	3
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