

Carlo Castagna

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6377180/carlo-castagna-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

180
papers

10,220
citations

51
h-index

96
g-index

188
ext. papers

11,834
ext. citations

3.4
avg, IF

6.17
L-index

#	Paper	IF	Citations
180	Physiology of soccer: an update. <i>Sports Medicine</i> , 2005 , 35, 501-36	10.6	1021
179	Strong correlation of maximal squat strength with sprint performance and vertical jump height in elite soccer players. <i>British Journal of Sports Medicine</i> , 2004 , 38, 285-8	10.3	548
178	Variation in top level soccer match performance. <i>International Journal of Sports Medicine</i> , 2007 , 28, 1018-24	3.6	435
177	Technical performance during soccer matches of the Italian Serie A league: effect of fatigue and competitive level. <i>Journal of Science and Medicine in Sport</i> , 2009 , 12, 227-33	4.4	426
176	Factors influencing physiological responses to small-sided soccer games. <i>Journal of Sports Sciences</i> , 2007 , 25, 659-66	3.6	354
175	Physiological and performance effects of generic versus specific aerobic training in soccer players. <i>International Journal of Sports Medicine</i> , 2006 , 27, 483-92	3.6	344
174	Heart rate and blood lactate correlates of perceived exertion during small-sided soccer games. <i>Journal of Science and Medicine in Sport</i> , 2009 , 12, 79-84	4.4	205
173	Match running performance in elite Australian Rules Football. <i>Journal of Science and Medicine in Sport</i> , 2010 , 13, 543-8	4.4	188
172	Validity of a repeated-sprint test for football. <i>International Journal of Sports Medicine</i> , 2008 , 29, 899-905	3.6	185
171	Fitness determinants of success in men's and women's football. <i>Journal of Sports Sciences</i> , 2009 , 27, 1073-14	3.6	183
170	Relationship between indicators of training load in soccer players. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 369-74	3.2	175
169	Sprint vs. interval training in football. <i>International Journal of Sports Medicine</i> , 2008 , 29, 668-74	3.6	171
168	Match demands of professional Futsal: a case study. <i>Journal of Science and Medicine in Sport</i> , 2009 , 12, 490-4	4.4	161
167	Activity profile and physiological requirements of junior elite basketball players in relation to aerobic-anaerobic fitness. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2330-42	3.2	159
166	Profile of weekly training load in elite male professional basketball players. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 1399-406	3.2	154
165	Acute and Residual Soccer Match-Related Fatigue: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2018 , 48, 539-583	10.6	140
164	The validity and reliability of a global positioning satellite system device to assess speed and repeated sprint ability (RSA) in athletes. <i>Journal of Science and Medicine in Sport</i> , 2010 , 13, 232-5	4.4	131

163	Effects of intermittent-endurance fitness on match performance in young male soccer players. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 1954-9	3.2	124
162	Effect of match-related fatigue on short-passing ability in young soccer players. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 934-42	1.2	118
161	Positional role and competitive-level differences in elite-level men's basketball players. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 1346-55	3.2	115
160	The Yo-Yo intermittent recovery test in basketball players. <i>Journal of Science and Medicine in Sport</i> , 2008 , 11, 202-8	4.4	112
159	Relationship between endurance field tests and match performance in young soccer players. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 3227-33	3.2	109
158	Muscle damage, inflammatory, immune and performance responses to three football games in 1 week in competitive male players. <i>European Journal of Applied Physiology</i> , 2016 , 116, 179-93	3.4	108
157	Physiological aspects of soccer refereeing performance and training. <i>Sports Medicine</i> , 2007 , 37, 625-46	10.6	106
156	Comparing the physical demands of friendly matches and small-sided games in semiprofessional soccer players. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 837-43	3.2	99
155	Effect of plyometric training on sand versus grass on muscle soreness and jumping and sprinting ability in soccer players. <i>British Journal of Sports Medicine</i> , 2008 , 42, 42-6	10.3	98
154	Determinants analysis of change-of-direction ability in elite soccer players. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 2667-76	3.2	94
153	The five-jump test for distance as a field test to assess lower limb explosive power in soccer players. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 944-50	3.2	92
152	Dose-response relationship of autonomic nervous system responses to individualized training impulse in marathon runners. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H1733-40	5.2	91
151	Science and medicine applied to soccer refereeing: an update. <i>Sports Medicine</i> , 2012 , 42, 615-31	10.6	88
150	Relation between individualized training impulses and performance in distance runners. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 2090-6	1.2	85
149	Effect of bout duration on exercise intensity and technical performance of small-sided games in soccer. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 453-8	3.2	84
148	Analysis of physical match performance in English Premier League soccer referees with particular reference to first half and player work rates. <i>Journal of Science and Medicine in Sport</i> , 2007 , 10, 390-7	4.4	83
147	Matched dose interval and continuous exercise training induce similar cardiorespiratory and metabolic adaptations in patients with heart failure. <i>International Journal of Cardiology</i> , 2013 , 167, 2561-5	3.2	81
146	Lower limb maximal dynamic strength and agility determinants in elite basketball players. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 1570-7	3.2	81

145	Physiological determinants of Yo-Yo intermittent recovery tests in male soccer players. <i>European Journal of Applied Physiology</i> , 2010 , 108, 401-9	3.4	80
144	Concurrent validity of vertical jump performance assessment systems. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 761-8	3.2	78
143	Vertical jump performance in Italian male and female national team soccer players. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 1156-61	3.2	77
142	Activity profile of young soccer players during actual match play. <i>Journal of Strength and Conditioning Research</i> , 2003 , 17, 775-80	3.2	77
141	Aerobic fitness and yo-yo continuous and intermittent tests performances in soccer players: a correlation study. <i>Journal of Strength and Conditioning Research</i> , 2006 , 20, 320-5	3.2	77
140	The effect of players' standard and tactical strategy on game demands in men's basketball. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2652-62	3.2	76
139	Effect of warm-ups involving static or dynamic stretching on agility, sprinting, and jumping performance in trained individuals. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2001-11	3.2	75
138	Effect of recovery mode on repeated sprint ability in young basketball players. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 923-9	3.2	74
137	Intermittent endurance and repeated sprint ability in soccer players. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2663-9	3.2	69
136	Influence of fatigue, stress, muscle soreness and sleep on perceived exertion during submaximal effort. <i>Physiology and Behavior</i> , 2013 , 119, 185-9	3.5	66
135	Aerobic fitness in futsal players of different competitive level. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 2163-6	3.2	61
134	Individual training-load and aerobic-fitness variables in premiership soccer players during the precompetitive season. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 631-6	3.2	59
133	Physiological responses to ball-drills in regional level male basketball players. <i>Journal of Sports Sciences</i> , 2011 , 29, 1329-36	3.6	59
132	In-season effect of short-term sprint and power training programs on elite junior soccer players. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 2581-7	3.2	59
131	Effect of training intensity distribution on aerobic fitness variables in elite soccer players: a case study. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 66-71	3.2	58
130	Multidirectional sprints and small-sided games training effect on agility and change of direction abilities in youth soccer. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 3121-7	3.2	56
129	Yo-Yo IR2 testing of elite and sub-elite soccer players: performance, heart rate response and correlations to other interval tests. <i>Journal of Sports Sciences</i> , 2012 , 30, 1337-45	3.6	50
128	Preseason variations in aerobic fitness and performance in elite-standard soccer players: a team study. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 2959-65	3.2	50

127	Relationships among field-test measures and physical match performance in elite-standard soccer referees. <i>Journal of Sports Sciences</i> , 2009 , 27, 1177-84	3.6	50
126	Ageing and physical match performance in English Premier League soccer referees. <i>Journal of Science and Medicine in Sport</i> , 2010 , 13, 96-100	4.4	50
125	Short-term training effects of vertically and horizontally oriented exercises on neuromuscular performance in professional soccer players. <i>International Journal of Sports Physiology and Performance</i> , 2014 , 9, 480-8	3.5	48
124	Effects of aerobic training on the exercise-induced decline in short-passing ability in junior soccer players. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 1192-8	3	47
123	The effect of match standard and referee experience on the objective and subjective match workload of English Premier League referees. <i>Journal of Science and Medicine in Sport</i> , 2006 , 9, 256-62	4.4	46
122	The biological age of 14-year-old boys and success in adult soccer: do early maturers predominate in the top-level game?. <i>Research in Sports Medicine</i> , 2014 , 22, 398-407	3.8	44
121	Effect of competition on salivary cortisol, immunoglobulin A, and upper respiratory tract infections in elite young soccer players. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1396-401	3.2	43
120	Return to elite football after the COVID-19 lockdown. <i>Managing Sport and Leisure</i> , 2020 , 1-9	2.9	42
119	Cardiovascular responses during recreational 5-a-side indoor-soccer. <i>Journal of Science and Medicine in Sport</i> , 2007 , 10, 89-95	4.4	41
118	Relation between maximal aerobic power and the ability to repeat sprints in young basketball players. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 1172-6	3.2	41
117	Effects of a plyometric training program with and without added load on jumping ability in basketball players. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2955-61	3.2	40
116	Competitive-level differences in Yo-Yo intermittent recovery and twelve minute run test performance in soccer referees. <i>Journal of Strength and Conditioning Research</i> , 2005 , 19, 805-9	3.2	40
115	Aerobic fitness and field test performance in elite Spanish soccer referees of different ages. <i>Journal of Science and Medicine in Sport</i> , 2007 , 10, 382-9	4.4	39
114	Reduction in physical match performance at the start of the second half in elite soccer. <i>International Journal of Sports Physiology and Performance</i> , 2011 , 6, 174-82	3.5	38
113	The construct validity of session RPE during an intensive camp in young male Taekwondo athletes. <i>International Journal of Sports Physiology and Performance</i> , 2011 , 6, 252-63	3.5	37
112	Cardiorespiratory responses to Yo-yo Intermittent Endurance Test in nonelite youth soccer players. <i>Journal of Strength and Conditioning Research</i> , 2006 , 20, 326-30	3.2	36
111	Relationships between field performance tests in high-level soccer players. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 942-9	3.2	35
110	UEFA expert group statement on nutrition in elite football. Current evidence to inform practical recommendations and guide future research. <i>British Journal of Sports Medicine</i> , 2021 , 55, 416	10.3	35

109	Validity and psychometric evaluation of the French version of RPE scale in young fit males when monitoring training loads. <i>Science and Sports</i> , 2013 , 28, e29-e35	0.8	34
108	Direct validity of the yo-yo intermittent recovery test in young team handball players. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 465-70	3.2	34
107	Physiological demands of an intermittent futsal-oriented high-intensity test. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2322-9	3.2	33
106	Physiological load imposed on elite soccer referees during actual match play. <i>Journal of Sports Medicine and Physical Fitness</i> , 2001 , 41, 27-32	1.4	32
105	Evaluation of the Match External Load in Soccer: Methods Comparison. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, 490-495	3.5	31
104	Predictors of maximal short-term power outputs in basketball players 14-16 years. <i>European Journal of Applied Physiology</i> , 2011 , 111, 789-96	3.4	31
103	Physical and physiological demands of field and assistant soccer referees during America's Cup. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1383-8	3.2	31
102	Aerobic fitness ecological validity in elite soccer players: a metabolic power approach. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 914-9	3.2	30
101	Aerobic and explosive power performance of elite Italian regional-level basketball players. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 1982-7	3.2	30
100	Stretch and sprint training reduces stretch-induced sprint performance deficits in 13- to 15-year-old youth. <i>European Journal of Applied Physiology</i> , 2008 , 104, 515-22	3.4	29
99	Effect of maximal aerobic power on match performance in elite soccer referees. <i>Journal of Strength and Conditioning Research</i> , 2001 , 15, 420-5	3.2	29
98	Relation between fitness tests and match performance in elite Italian soccer referees. <i>Journal of Strength and Conditioning Research</i> , 2002 , 16, 231-5	3.2	29
97	Age-related variation of anaerobic power after controlling for size and maturation in adolescent basketball players. <i>Annals of Human Biology</i> , 2011 , 38, 721-7	1.7	27
96	Game activity and blood lactate in men's elite water-polo players. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2647-51	3.2	27
95	Activity profile of international-level soccer referees during competitive matches. <i>Journal of Strength and Conditioning Research</i> , 2004 , 18, 486-90	3.2	27
94	Effects of horizontal plyometric training volume on soccer players' performance. <i>Research in Sports Medicine</i> , 2016 , 24, 308-319	3.8	25
93	Blood metabolites during basketball competitions. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 765-73	3.2	24
92	Age-related effects on fitness performance in elite-level soccer referees. <i>Journal of Strength and Conditioning Research</i> , 2005 , 19, 785-90	3.2	24

91	Are the Yo-Yo intermittent recovery test levels 1 and 2 both useful? Reliability, responsiveness and interchangeability in young soccer players. <i>Journal of Sports Sciences</i> , 2014 , 32, 1950-1957	3.6	23
90	The relationship between selected blood lactate thresholds and match performance in elite soccer referees. <i>Journal of Strength and Conditioning Research</i> , 2002 , 16, 623-7	3.2	23
89	Reliability and validity of Yo-Yo tests in 9- to 16-year-old football players and matched non-sports active schoolboys. <i>European Journal of Sport Science</i> , 2016 , 16, 755-63	3.9	22
88	The Yo-Yo IE2 test: physiological response for untrained men versus trained soccer players. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 100-8	1.2	22
87	Cross-validation and reliability of the line-drill test of anaerobic performance in basketball players 14-16 years. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 1113-9	3.2	22
86	Effect of whole body vibration training on lower limb performance in selected high-level ballet students. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 1072-6	3.2	21
85	Reliability and Construct Validity of Yo-Yo Tests in Untrained and Soccer-Trained Schoolgirls Aged 9-16. <i>Pediatric Exercise Science</i> , 2016 , 28, 321-330	2	21
84	Validity of CarminattiWtest to determine physiological indices of aerobic power and capacity in soccer and futsal players. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 3099-106	3.2	20
83	Changes in a top-level soccer refereeWtraining, match activities, and physiology over an 8-year period: a case study. <i>International Journal of Sports Physiology and Performance</i> , 2011 , 6, 281-6	3.5	20
82	Anthropometric and physiological characteristics of Melanesian futsal players: a first approach to talent identification in Oceania. <i>Biology of Sport</i> , 2015 , 32, 135-41	4.3	19
81	Effect of Sequencing Strength and Endurance Training in Young Male Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 841-50	3.2	19
80	The peak velocity derived from the Carminatti Test is related to physical match performance in young soccer players. <i>Journal of Sports Sciences</i> , 2016 , 34, 2238-2245	3.6	18
79	Muscle strength and anaerobic performance in football players with cerebral palsy. <i>Disability and Health Journal</i> , 2016 , 9, 313-9	4.2	18
78	Intermatch variation of match activity in elite Italian soccer referees. <i>Journal of Strength and Conditioning Research</i> , 2003 , 17, 388-92	3.2	18
77	External Responsiveness of the Yo-Yo IR Test Level 1 in High-level Male Soccer Players. <i>International Journal of Sports Medicine</i> , 2015 , 36, 735-41	3.6	17
76	Physical and Physiological Demands of Recreational Team Handball for Adult Untrained Men. <i>BioMed Research International</i> , 2017 , 2017, 6204603	3	17
75	Heart rate responses and training load during nonspecific and specific aerobic training in adolescent taekwondo athletes. <i>Journal of Human Kinetics</i> , 2011 , 29, 59-66	2.6	17
74	Acute effects of static stretching on squat jump performance at different knee starting angles. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 687-94	3.2	17

73	Training-Load Distribution in Endurance Runners: Objective Versus Subjective Assessment. <i>International Journal of Sports Physiology and Performance</i> , 2015 , 10, 1023-8	3.5	16
72	The effects of a constant sprint-to-rest ratio and recovery mode on repeated sprint performance. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 1695-702	3.2	16
71	The assessment of maximal aerobic power with the multistage fitness test in young women soccer players. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 1488-94	3.2	16
70	Influence of exercise intensity and duration on perceived exertion in adolescent Taekwondo athletes. <i>European Journal of Sport Science</i> , 2014 , 14 Suppl 1, S275-81	3.9	15
69	Reliability, sensitivity and validity of the assistant referee intermittent endurance test (ARIET) - a modified Yo-Yo IE2 test for elite soccer assistant referees. <i>Journal of Sports Sciences</i> , 2012 , 30, 767-75	3.6	15
68	Applicability of a change of direction ability field test in soccer assistant referees. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 860-6	3.2	15
67	Effects of Ball Drills and Repeated-Sprint-Ability Training in Basketball Players. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 14, 757-764	3.5	15
66	Analysis of match activities in elite soccer referees during actual match play. <i>Journal of Strength and Conditioning Research</i> , 2001 , 15, 167-71	3.2	15
65	Reliability and validity of the Carminatti test for aerobic fitness in youth soccer players. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 3264-73	3.2	14
64	Validity of an on-court lactate threshold test in young basketball players. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2434-9	3.2	14
63	Analysis of Match Activities in Elite Soccer Referees During Actual Match Play. <i>Journal of Strength and Conditioning Research</i> , 2001 , 15, 167	3.2	14
62	Long-Sprint Abilities in Soccer: Ball Versus Running Drills. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, 1256-1263	3.5	13
61	Positional Comparisons in the Impact of Fatigue on Movement Patterns in Hockey. <i>International Journal of Sports Physiology and Performance</i> , 2018 , 13, 1149-1157	3.5	13
60	Estimation of oxygen uptake from heart rate and ratings of perceived exertion in young soccer players. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 1983-8	3.2	13
59	Energy system contribution to Olympic distances in flat water kayaking (500 and 1,000 m) in highly trained subjects. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 825-31	3.2	13
58	Analysis of Match Activities in Elite Soccer Referees During Actual Match Play. <i>Journal of Strength and Conditioning Research</i> , 2001 , 15, 167-171	3.2	13
57	Reliability Characteristics and Applicability of a Repeated Sprint Ability Test in Young Male Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2018 , 32, 1538-1544	3.2	13
56	Effects of a Short-Term Recreational Team Handball-Based Programme on Physical Fitness and Cardiovascular and Metabolic Health of 33-55-Year-Old Men: A Pilot Study. <i>BioMed Research International</i> , 2018 , 2018, 4109796	3	13

55	Game Demands of Seven-A-Side Soccer in Young Players. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 1771-1779	3.2	12
54	Associations Between Selected Training-Stress Measures and Fitness Changes in Male Soccer Players. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 14, 1050-1057	3.5	12
53	Maximal heart rate assessment in recreational football players: A study involving a multiple testing approach. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 1537-1545	4.6	12
52	Classifying young soccer players by training performances. <i>Perceptual and Motor Skills</i> , 2014 , 119, 971-84.2	4.2	12
51	Monitoring external and internal loads of brazilian soccer referees during official matches. <i>Journal of Sports Science and Medicine</i> , 2013 , 12, 559-64	2.7	12
50	Influence of Team Rank on Soccer Referees' External and Internal Match Loads During Official Matches. <i>Journal of Strength and Conditioning Research</i> , 2018 , 32, 1715-1722	3.2	11
49	Validity and reliability of the 45-15 test for aerobic fitness in young soccer players. <i>International Journal of Sports Physiology and Performance</i> , 2014 , 9, 525-31	3.5	11
48	Variability of objective and subjective intensities during ball drills in youth soccer players. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 752-7	3.2	11
47	Repeated sprint ability in soccer players: associations with physiological and neuromuscular factors. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017 , 57, 26-32	1.4	11
46	Validity of the Yo-Yo intermittent endurance test in young soccer players. <i>European Journal of Sport Science</i> , 2011 , 11, 309-315	3.9	11
45	The convergent validity between two objective methods for quantifying training load in young taekwondo athletes. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 206-9	3.2	11
44	Fitness test results of Hungarian and international-level soccer referees and assistants. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 121-6	3.2	11
43	Timing Effect on Training-Session Rating of Perceived Exertion in Top-Class Soccer Referees. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, 1157-1162	3.5	10
42	Potential and recovery following low- and high-speed isokinetic contractions in boys. <i>Pediatric Exercise Science</i> , 2011 , 23, 136-50	2	10
41	Physiological demands of team-handball referees during games. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 1960-2	3.2	10
40	Effect of the number of sprint repetitions on the variation of blood lactate concentration in repeated sprint sessions. <i>Biology of Sport</i> , 2014 , 31, 151-6	4.3	10
39	The Effects of Long Sprint Ability-Oriented Small-Sided Games Using Different Ratios of Players to Pitch Area on Internal and External Load in Soccer Players. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 1265-1272	3.5	9
38	Aerobic fitness and performance in elite female futsal players. <i>Biology of Sport</i> , 2015 , 32, 339-344	4.3	9

37	Assessing Change of Direction Ability in a Spanish Elite Soccer Academy. <i>Journal of Human Kinetics</i> , 2020 , 72, 229-239	2.6	9
36	Physiological Responses of General vs. Specific Aerobic Endurance Exercises in Soccer. <i>Asian Journal of Sports Medicine</i> , 2013 , 4, 213-20	1.4	8
35	Effects of the off-Season Period on Field and Assistant Soccer Referees Physical Performance. <i>Journal of Human Kinetics</i> , 2017 , 56, 159-166	2.6	7
34	Using squat testing to predict training loads for lower-body exercises in elite karate athletes. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 3075-80	3.2	7
33	Effects of a 12-Week Change-of-Direction Sprints Training Program on Selected Physical and Physiological Parameters in Professional Basketball Male Players. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
32	Physical and physiological demands of U-19 basketball refereeing: Aerobic and anaerobic demands. <i>Physician and Sportsmedicine</i> , 2016 , 44, 158-63	2.4	7
31	Cardiovascular fitness and health effects of various types of team sports for adult and elderly inactive individuals - a brief narrative review. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 709-722	8.5	6
30	Yo-Yo intermittent tests are a valid tool for aerobic fitness assessment in recreational football. <i>European Journal of Applied Physiology</i> , 2020 , 120, 137-147	3.4	6
29	Submaximal field testing validity for aerobic fitness assessment in recreational football. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 680-689	4.6	6
28	Fitness Field Tests Correlation With Game Performance in U-19-Category Basketball Referees. <i>International Journal of Sports Physiology and Performance</i> , 2016 , 11, 1005-1011	3.5	6
27	Ecological Validity and Reliability of an Age-Adapted Endurance Field Test in Young Male Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 3400-3405	3.2	6
26	Sprint Endurance Abilities in Elite Female Soccer Players. <i>International Journal of Sports Physiology and Performance</i> , 2020 , 1-7	3.5	5
25	Aerobic Fitness in Top-Class Soccer Referees. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 3098-3104	3.2	5
24	Considerations and best practices for elite football officials return to play after COVID-19 confinement. <i>Managing Sport and Leisure</i> , 2020 , 1-8	2.9	4
23	Effects of a 16-week recreational team handball intervention on aerobic performance and cardiometabolic fitness markers in postmenopausal women: A randomized controlled trial. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 800-806	8.5	4
22	Effects of recreational team handball on bone health, postural balance and body composition in inactive postmenopausal women - A randomised controlled trial. <i>Bone</i> , 2021 , 145, 115847	4.7	4
21	Sex Differences in Aerobic Fitness in Top-Class Soccer Referees. <i>Journal of Strength and Conditioning Research</i> , 2018 , 32, 3216-3221	3.2	4
20	Heart Rate and Perceived Experience Differ Markedly for Children in Same- versus Mixed-Gender Soccer Played as Small- and Large-Sided Games. <i>BioMed Research International</i> , 2018 , 2018, 7804642	3	3

19	The Construct Validity of the CODA and Repeated Sprint Ability Tests in Football Referees. <i>International Journal of Sports Medicine</i> , 2018 , 39, 619-624	3.6	3
18	Effect of Maximal Aerobic Power on Match Performance in Elite Soccer Referees. <i>Journal of Strength and Conditioning Research</i> , 2001 , 15, 420	3.2	3
17	Effects of Ramadan observance combined with two training programs on plasma lipids and testosterone/cortisol ratio in male senior basketball players. <i>Medicina Dello Sport</i> , 2019 , 72,	1.9	3
16	2020 ,		3
15	Reliability of Submaximal Yo-Yo Tests in 9- to 16-Year-Old Untrained Schoolchildren. <i>Pediatric Exercise Science</i> , 2018 , 30, 537-545	2	3
14	Estimation of maximal heart rate in recreational football: a field study. <i>European Journal of Applied Physiology</i> , 2020 , 120, 925-933	3.4	2
13	Association Between Match Activity, Endurance Levels and Maturity in Youth Football Players. <i>International Journal of Sports Medicine</i> , 2019 , 40, 576-584	3.6	2
12	Efeito de quatro semanas de treinamento de sprints repetidos sobre Índices fisiológicos em atletas de futsal. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2015 , 17, 91	0.1	2
11	Effects of a Four-Week Small-Sided Game and Repeated Sprint Ability Training during and after Ramadan on Aerobic and Anaerobic Capacities in Senior Basketball Players. <i>Annals of Applied Sport Science</i> , 2018 , 6, 7-13	0.4	2
10	The Relationship Between Selected Blood Lactate Thresholds and Match Performance in Elite Soccer Referees. <i>Journal of Strength and Conditioning Research</i> , 2002 , 16, 623	3.2	2
9	Fitness assessment in talented football referees: an academy based longitudinal field-study. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021 ,	1.4	1
8	Injuries of a Spanish top-level sample of football referees. A retrospective study. <i>Apunts Sports Medicine</i> , 2020 , 55, 146-152	1.3	1
7	Ecological and Construct Validity of a Repeated Sprint Test in Male Youth Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2021 , 35, 2000-2009	3.2	1
6	Manipulation of number of players and bouts duration in small-sided games in youth soccer players. <i>Sport Sciences for Health</i> , 2021 , 17, 597-605	1.3	1
5	Fitness profiles of elite male Italian teams handball players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021 , 61, 656-665	1.4	0
4	High-Intensity Intermittent Exercise Performed on the Sand Induces Higher Internal Load Demands in Soccer Players. <i>Frontiers in Psychology</i> , 2021 , 12, 713106	3.4	0
3	Fitness and health effects of other team sports 2019 , 116-128		
2	Infographic. UEFA expert group 2020 statement on nutrition in elite football. <i>British Journal of Sports Medicine</i> , 2021 , 55, 453-455	10.3	

- 1 Estimation of maximal oxygen uptake using the heart rate ratio method in male recreational football players.. *European Journal of Applied Physiology*, **2022**, 1 3-4