Pedro A Figueiredo

List of Publications by Year
in descending order

127 papers	2,243 citations	270111 25 h-index	406436 35 g-index
134 all docs	134 docs citations	134 times ranked	2042 citing authors

#	Article	IF	Citations
1	Dietary supplements usage by elite female football players: an exploration of current practices. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 73-80.	1.3	11
2	Gut microbiota of elite female football players is not altered during an official international tournament. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 62-72.	1.3	6
3	Postmatch Recovery Practices Carried Out in Professional Football: A Survey of 56 Portuguese Professional Football Teams. International Journal of Sports Physiology and Performance, 2022, 17, 748-754.	1.1	5
4	Associations Between Esports Participation and Health: A Scoping Review. Sports Medicine, 2022, 52, 2039-2060.	3.1	20
5	Associations between Training Load and Well-Being in Elite Beach Soccer Players: A Case Report. International Journal of Environmental Research and Public Health, 2022, 19, 6209.	1.2	3
6	The Effect of a Coordinative Training in Young Swimmersâ€™ Performance. International Journal of Environmental Research and Public Health, 2022, 19, 7020.	1.2	3
7	Biomechanical and physiological implications to running after cycling and strategies to improve cycling to running transition: A systematic review. Journal of Science and Medicine in Sport, 2022, , .	0.6	0
8	Does exergaming drive future physical activity and sport intentions?. Journal of Health Psychology, 2021, 26, 2173-2185.	1.3	20
9	Football can tackle type 2 diabetes: a systematic review of the health effects of recreational football practice in individuals with prediabetes and type 2 diabetes. Research in Sports Medicine, 2021, 29, 303-321.	0.7	8
10	Sleep Indices and Cardiac Autonomic Activity Responses during an International Tournament in a Youth National Soccer Team. International Journal of Environmental Research and Public Health, 2021, 18, 2076.	1.2	12
11	Physical Activity Levels of Adult Virtual Football Players. Frontiers in Psychology, 2021, 12, 596434.	1.1	9
12	Match Analysis of Soccer Refereeing Using Spatiotemporal Data: A Case Study. Sensors, 2021, 21, 2541.	2.1	3
13	Monitoring Individual Sleep and Nocturnal Heart Rate Variability Indices: The Impact of Training and Match Schedule and Load in High-Level Female Soccer Players. Frontiers in Physiology, 2021, 12, 678462.	1.3	20
14	Are Soccer and Futsal Affected by the Relative Age Effect? The Portuguese Football Association Case. Frontiers in Psychology, 2021, 12, 679476.	1.1	11
15	Computed tomography-based skeletal muscle and adipose tissue attenuation: Variations by age, sex, and muscle. Experimental Gerontology, 2021, 149, 111306.	1.2	8
16	Post-match Recovery Practices in Professional Football: Design, Validity, and Reliability of a New Questionnaire. Frontiers in Sports and Active Living, 2021, 3, 680799.	0.9	3
17	Portuguese Football Federation consensus statement 2020: nutrition and performance in football. BMJ Open Sport and Exercise Medicine, 2021, 7, e001082.	1.4	14
18	Managing the Training Process in Elite Sports: From Descriptive to Prescriptive Data Analytics. International Journal of Sports Physiology and Performance, 2021, 16, 1719-1723.	1.1	9

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19	Mental health symptoms in electronic football players. BMJ Open Sport and Exercise Medicine, 2021, 7, e001149.	1.4	5
20	Effectiveness of a Walking Football Program for Middle-Aged and Older Men With Type 2 Diabetes: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2021, 10, e28554.	0.5	2
21	Contextual Variables Affect Running Performance in Professional Soccer Players: A Brief Report. Frontiers in Sports and Active Living, 2021, 3, 778813.	0.9	16
22	The Arrowhead Agility Test: Reliability, Minimum Detectable Change, and Practical Applications in Soccer Players. Journal of Strength and Conditioning Research, 2020, 34, 483-494.	1.0	21
23	Methods to collect and interpret external training load using microtechnology incorporating GPS in professional football: a systematic review. Research in Sports Medicine, 2020, 28, 437-458.	0.7	60
24	The 400-m Front Crawl Test: Energetic and 3D Kinematical Analyses. International Journal of Sports Medicine, 2020, 41, 21-26.	0.8	9
25	Positional Differences in Peak- and Accumulated- Training Load Relative to Match Load in Elite Football. Sports, 2020, 8, 1.	0.7	33
26	Using Optical Tracking System Data to Measure Team Synergic Behavior: Synchronization of Player-Ball-Goal Angles in a Football Match. Sensors, 2020, 20, 4990.	2.1	11
27	School-based soccer practice is an effective strategy to improve cardiovascular and metabolic risk factors in overweight children. Progress in Cardiovascular Diseases, 2020, 63, 807-812.	1.6	12
28	Can Tracking Data Help in Assessing Interpersonal Contact Exposure in Team Sports during the COVID-19 Pandemic?. Sensors, 2020, 20, 6163.	2.1	17
29	Feasibility and safety of a walking football program in middle-aged and older men with type 2 diabetes. Progress in Cardiovascular Diseases, 2020, 63, 786-791.	1.6	12
30	Bioenergetics and Biomechanics of Handcycling at Submaximal Speeds in Athletes with a Spinal Cord Injury. Sports, 2020, 8, 16.	0.7	9
31	Physical and technical demands of the extra time: a multiple FIFA World Cupsâ€™ analysis. Science and Medicine in Football, 2020, 4, 171-177.	1.0	3
32	Application of Individualized Speed Zones to Quantify External Training Load in Professional Soccer. Journal of Human Kinetics, 2020, 72, 279-289.	0.7	29
33	Internal training load monitoring in professional football: a systematic review of methods using rating of perceived exertion. Journal of Sports Medicine and Physical Fitness, 2020, 60, 160-171.	0.4	6
34	Can Heart Rate Variability Determine Recovery Following Distinct Strength Loadings? A Randomized Cross-Over Trial. International Journal of Environmental Research and Public Health, 2019, 16, 4353.	1.2	8
35	Intra-individual variability of sleep and nocturnal cardiac autonomic activity in elite female soccer players during an international tournament. PLoS ONE, 2019, 14, e0218635.	1.1	35
36	VO2FITTING: A Free and Open-Source Software for Modelling Oxygen Uptake Kinetics in Swimming and other Exercise Modalities. Sports, 2019, 7, 31.	0.7	13

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37	Task Constraints and Coordination Flexibility in Young Swimmers. Motor Control, 2019, 23, 535-552.	0.3	11
38	Physiological Demands in Sports Practice. , 2019, , 37-44.		1
39	Relationship between External Load and Perceptual Responses to Training in Professional Football: Effects of Quantification Method. Sports, 2019, 7, 68.	0.7	33
40	Injury prevention training in football: letâ€™s bring it to the real world. British Journal of Sports Medicine, 2019, 53, 1328-1329.	3.1	16
41	A comparison of match-physical demands between different tactical systems: 1-4-5-1 vs 1-3-5-2. PLoS ONE, 2019, 14, e0214952.	1.1	23
42	Virtual sports deserve real sports medical attention. BMJ Open Sport and Exercise Medicine, 2019, 5, e000606.	1.4	44
43	Using the Rating of Perceived Exertion and Heart Rate to Quantify Training Intensity in Female Soccer Players. Journal of Strength and Conditioning Research, 2019, Publish Ahead of Print, .	1.0	17
44	Integrated Analysis of Young Swimmersâ€™ Sprint Performance. Motor Control, 2019, 23, 354-364.	0.3	35
45	Sleep patterns and nocturnal cardiac autonomic activity in female athletes are affected by the timing of exercise and match location. Chronobiology International, 2019, 36, 360-373.	0.9	24
46	Within-Subject Correlation Between Salivary IgA and Measures of Training Load in Elite Football Players. International Journal of Sports Physiology and Performance, 2019, 14, 847-849.	1.1	9
47	Biomechanical analyses of synchronised swimming standard and contra-standard sculling. Sports Biomechanics, 2019, 18, 354-365.	0.8	6
48	A review of the statistical methods used in Sports and Exercise Sciences PhD theses: a case study. Revista Brasileira De CiÃªncia E Movimento, 2019, 26, 191.	0.0	0
49	Low-level laser therapy improves the VO2 kinetics in competitive cyclists. Lasers in Medical Science, 2018, 33, 453-460.	1.0	25
50	Processos de amostragem e cÃ¡lculo para determinaÃ§Ã£o do tamanho da amostra: critÃ©rios e mÃ©todos adotados em teses e dissertaÃ§Ãµes em CiÃªncias do Movimento Humano - um estudo descritivo. Revista Brasileira De Cineantropometria E Desempenho Humano, 2018, 20, 480-490.	0.5	1
51	Top 50 most-cited articles in medicine and science in football. BMJ Open Sport and Exercise Medicine, 2018, 4, e000388.	1.4	12
52	Countermovement Jump Analysis Using Different Portable Devices: Implications for Field Testing. Sports, 2018, 6, 91.	0.7	52
53	Key determinants of time to 5â€…m in different ventral swimming start techniques. European Journal of Sport Science, 2018, 18, 1317-1326.	1.4	29
54	Associations of Quadriceps Torque Properties with Muscle Size, Attenuation, and Intramuscular Adipose Tissue in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 931-938.	1.7	27

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55	The â€œFootball is Medicineâ€•platformâ€”scientific evidence, largeâ€scale implementation of evidenceâ€based concepts and future perspectives. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 3-7.	1.3	31
56	High-intensity Interval Training in Different Exercise Modes: Lessons from Time to Exhaustion. International Journal of Sports Medicine, 2018, 39, 668-673.	0.8	7
57	Effect of hand paddles and parachute on backstroke coordination and stroke parameters. Journal of Sports Sciences, 2017, 35, 906-911.	1.0	3
58	Associations of 24-hour sleep duration and CT-derived measurements of muscle and bone: The AGES-Reykjavik Study. Experimental Gerontology, 2017, 93, 1-6.	1.2	12
59	VO2 at Maximal and Supramaximal Intensities: Lessons to High-Intensity Interval Training in Swimming. International Journal of Sports Physiology and Performance, 2017, 12, 872-877.	1.1	8
60	Muscle activation behavior in a swimming exergame: Differences by experience and gaming velocity. Physiology and Behavior, 2017, 181, 23-28.	1.0	12
61	Physiological demands of a swimming-based video game: Influence of gender, swimming background, and exergame experience. Scientific Reports, 2017, 7, 5247.	1.6	8
62	Cardiovascular demands and training load during a Zumba Â® session in healthy adult women. Science and Sports, 2017, 32, e235-e243.	0.2	1
63	Are resistance and aerobic exercise training equally effective at improving knee muscle strength and balance in older women?. Archives of Gerontology and Geriatrics, 2017, 68, 106-112.	1.4	29
64	The Effects of Leg Kick on Swimming Speed and Arm-Stroke Efficiency in the Front Crawl. International Journal of Sports Physiology and Performance, 2017, 12, 728-735.	1.1	25
65	Biophysical Determinants of Front-Crawl Swimming at Moderate and Severe Intensities. International Journal of Sports Physiology and Performance, 2017, 12, 241-246.	1.1	22
66	Association Between Sleep Duration and Mid-Thigh Muscle Composition. Medicine and Science in Sports and Exercise, 2017, 49, 770.	0.2	0
67	Changes in Contributions of Swimming, Cycling, and Running Performances on Overall Triathlon Performance Over a 26-Year Period. Journal of Strength and Conditioning Research, 2016, 30, 2406-2415.	1.0	32
68	Do player performance, real sport experience, and gender affect movement patterns during equivalent exergame?. Computers in Human Behavior, 2016, 63, 1-8.	5.1	14
69	Biomechanics, energetics and coordination during extreme swimming intensity: effect of performance level. Journal of Sports Sciences, 2016, 35, 1-8.	1.0	16
70	The Effect of Intensity on 3-Dimensional Kinematics and Coordination in Front-Crawl Swimming. International Journal of Sports Physiology and Performance, 2016, 11, 768-775.	1.1	18
71	Front Crawl Sprint Performance: A Cluster Analysis of Biomechanics, Energetics, Coordinative, and Anthropometric Determinants in Young Swimmers. Motor Control, 2016, 20, 209-221.	0.3	40
72	Differences in Pedaling Technique in Cycling: A Cluster Analysis. International Journal of Sports Physiology and Performance, 2016, 11, 959-964.	1.1	2

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73	Behavioural variability and motor performance: Effect of practice specialization in front crawl swimming. Human Movement Science, 2016, 47, 141-150.	0.6	9
74	A Correlational Analysis of Tethered Swimming, Swim Sprint Performance and Dry-land Power Assessments. International Journal of Sports Medicine, 2016, 37, 211-218.	0.8	41
75	AquaTrainerÂ® Snorkel does not Increase Hydrodynamic Drag but Influences Turning Time. International Journal of Sports Medicine, 2016, 37, 324-328.	0.8	17
76	Physiological Performance Determinants of a 22-km Handbiking Time Trial. International Journal of Sports Physiology and Performance, 2015, 10, 965-971.	1.1	22
77	Effects of Protocol Step Length on Biomechanical Measures in Swimming. International Journal of Sports Physiology and Performance, 2015, 10, 211-218.	1.1	13
78	Predicting Swimming Velocity at Maximal Oxygen Uptake. Medicine and Science in Sports and Exercise, 2015, 47, 122.	0.2	0
79	The Influence Of Stroke Frequency In Front Crawl Coordination In Young Swimmers. Medicine and Science in Sports and Exercise, 2015, 47, 955.	0.2	0
80	Exercise Modality Effect on Bioenergetical Performance at VË™O2max Intensity. Medicine and Science in Sports and Exercise, 2015, 47, 1705-1713.	0.2	33
81	Reconstruction Accuracy Assessment of Surface and Underwater 3D Motion Analysis: A New Approach. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-8.	0.7	18
82	Electromyography in the four competitive swimming strokes: A systematic review. Journal of Electromyography and Kinesiology, 2015, 25, 273-291.	0.7	55
83	$$dot{V}{ext{O}}_{ 2}$$ V Ë™ O 2 kinetics and metabolic contributions during full and upper body extreme swimming intensity. European Journal of Applied Physiology, 2015, 115, 1117-1124.	1.2	52
84	Autonomic adaptation after traditional and reverse swimming training periodizations. Acta Physiologica Hungarica, 2015, 102, 105-113.	0.9	55
85	Neuromuscular Activity of Upper and Lower Limbs during two Backstroke Swimming Start Variants. Journal of Sports Science and Medicine, 2015, 14, 591-601.	0.7	4
86	Oxygen Uptake Kinetics At 100% Of Vo2max. Medicine and Science in Sports and Exercise, 2014, 46, 95.	0.2	0
87	Critical Evaluation of Oxygen-Uptake Assessment in Swimming. International Journal of Sports Physiology and Performance, 2014, 9, 190-202.	1.1	21
88	Biophysical Characterization of a Swimmer with a Unilateral Arm Amputation: A Case Study. International Journal of Sports Physiology and Performance, 2014, 9, 1050-1053.	1.1	13
89	Inter-Limb Coordinative Structure in a 200 m Front Crawl Event. The Open Sports Sciences Journal, 2014, 3, 25-27.	0.2	5
90	Kinematical Analysis along Maximal Lactate Steady State Swimming Intensity. Journal of Sports Science and Medicine, 2014, 13, 610-5.	0.7	5

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91	Phase-dependence of elbow muscle coactivation in front crawl swimming. Journal of Electromyography and Kinesiology, 2013, 23, 820-825.	0.7	20
92	About the use and conclusions extracted from a single tube snorkel used for respiratory data acquisition during swimming. Journal of Physiological Sciences, 2013, 63, 155-157.	0.9	11
93	Changes in arm coordination and stroke parameters on transition through the lactate threshold. European Journal of Applied Physiology, 2013, 113, 1957-1964.	1.2	19
94	Anaerobic alactic energy assessment in middle distance swimming. European Journal of Applied Physiology, 2013, 113, 2153-2158.	1.2	18
95	Backstroke start kinematic and kinetic changes due to different feet positioning. Journal of Sports Sciences, 2013, 31, 1665-1675.	1.0	20
96	Modifiable lifestyle behavior patterns, sedentary time and physical activity contexts: A cluster analysis among middle school boys and girls in the SALTA study. Preventive Medicine, 2013, 56, 413-415.	1.6	9
97	Response of bone mineral density, inflammatory cytokines, and biochemical bone markers to a 32-week combined loading exercise programme in older men and women. Archives of Gerontology and Geriatrics, 2013, 57, 226-233.	1.4	50
98	Relation between efficiency and energy cost with coordination in aquatic locomotion. European Journal of Applied Physiology, 2013, 113, 651-659.	1.2	25
99	Interplay of Biomechanical, Energetic, Coordinative, and Muscular Factors in a 200â€‰m Front Crawl Swim. BioMed Research International, 2013, 2013, 1-12.	0.9	36
100	Upper- and lower-limb muscular fatigue during the 200-m front crawl. Applied Physiology, Nutrition and Metabolism, 2013, 38, 716-724.	0.9	29
101	Intracyclic Velocity Variation and Arm Coordination Assessment in Swimmers With Down Syndrome. Adapted Physical Activity Quarterly, 2013, 30, 70-84.	0.6	6
102	CinÃ©tica do consumo de oxigÃªnio a intensidades de nado moderada e extrema. Revista Brasileira De Medicina Do Esporte, 2013, 19, 186-190.	0.1	7
103	Backstroke technical characterization of 11-13 year-old swimmers. Journal of Sports Science and Medicine, 2013, 12, 623-9.	0.7	7
104	Intracycle Velocity Variation of the Body Centre of Mass in Front Crawl. International Journal of Sports Medicine, 2012, 33, 285-290.	0.8	11
105	Kinematic and Electromyographic Changes During 200â€‰m Front Crawl at Race Pace. International Journal of Sports Medicine, 2012, 34, 49-55.	0.8	30
106	Kinematic analysis of three water polo front crawl styles. Journal of Sports Sciences, 2012, 30, 715-723.	1.0	13
107	Gross Efficiency and Energy Expenditure in Kayak Ergometer Exercise. International Journal of Sports Medicine, 2012, 33, 654-660.	0.8	12
108	Kinematics of the Hip and Body Center of Mass in Front Crawl. Journal of Human Kinetics, 2012, 33, 15-23.	0.7	25

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109	Front Crawl Technical Characterization of 11- to 13-Year-Old Swimmers. Pediatric Exercise Science, 2012, 24, 409-419.	0.5	16
110	Effects of Fatigue on Kinematical Parameters During Submaximal and Maximal 100-m Butterfly Bouts. Journal of Applied Biomechanics, 2012, 28, 599-607.	0.3	9
111	Energy cost and body centre of massâ€™ 3D intracycle velocity variation in swimming. European Journal of Applied Physiology, 2012, 112, 3319-3326.	1.2	25
112	Individual profiles of spatio-temporal coordination in high intensity swimming. Human Movement Science, 2012, 31, 1200-1212.	0.6	25
113	Electromyographic Analysis of the Backstroke Start with Different Feet Positions. Medicine and Science in Sports and Exercise, 2011, 43, 619.	0.2	1
114	Identifying Fatigue Effects in Butterfly Kicking During a Maximal 100m Event. Medicine and Science in Sports and Exercise, 2011, 43, 427.	0.2	0
115	Modelling Off-transient Oxygen Uptake Kinetics After Maximal 200-m Swims. Medicine and Science in Sports and Exercise, 2011, 43, 385.	0.2	0
116	Reconstruction Error of Calibration Volume's Coordinates for 3D Swimming Kinematics. Journal of Human Kinetics, 2011, 29, 35-40.	0.7	14
117	An energy balance of the 200Âm front crawl race. European Journal of Applied Physiology, 2011, 111, 767-777.	1.2	113
118	Biomechanical Analysis of Backstroke Swimming Starts. International Journal of Sports Medicine, 2011, 32, 546-551.	0.8	30
119	VË™O₂Kinetics in 200-m Race-Pace Front Crawl Swimming. International Journal of Sports Medicine, 2011, 32, 765-770.	0.8	25
120	VO2 Off Transient Kinetics in Extreme Intensity Swimming. Journal of Sports Science and Medicine, 2011, 10, 546-52.	0.7	4
121	Determination of the Drag Coefficient during the First and Second Gliding Positions of the Breaststroke Underwater Stroke. Journal of Applied Biomechanics, 2010, 26, 324-331.	0.3	50
122	Neuromuscular Activity of Agonistic and Antagonistic Muscles in the Swimming Freestyle Flip Turn. Medicine and Science in Sports and Exercise, 2010, 42, 692.	0.2	0
123	Isokinetic strength effects of FIFA's "The 11+" injury prevention training programme. Isokinetics and Exercise Science, 2010, 18, 211-215.	0.2	64
124	Inter-Limb Coordinative Structure in a 200 m Front Crawl Event~!2009-07-05~!2009-11-01~!2010-04-15~!. The Open Sports Sciences Journal, 2010, 3, 25-27.	0.2	8
125	Does the Hip Reflect the Centre of Mass Swimming Kinematics?. International Journal of Sports Medicine, 2009, 30, 779-781.	0.8	27
126	The effects of the 2020â€“2021 Coronavirus pandemic change-event on football refereeing: evidence from the Israeli and Portuguese leagues. International Journal of Sport and Exercise Psychology, 0, , 1-23.	1.1	2

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127	The Importance of Sleep in Athletes. , 0, , .		3