

Ricardo J Fernandes

List of Publications by Citations

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157
papers

1,974
citations

22
h-index

33
g-index

206
ext. papers

2,426
ext. citations

2.8
avg, IF

4.85
L-index

#	Paper	IF	Citations
157	An energy balance of the 200 m front crawl race. <i>European Journal of Applied Physiology</i> , 2011 , 111, 767-774	3.7	93
156	The influence of stroke mechanics into energy cost of elite swimmers. <i>European Journal of Applied Physiology</i> , 2008 , 103, 139-49	3.4	89
155	Relationship between tethered forces and the four swimming techniques performance. <i>Journal of Applied Biomechanics</i> , 2011 , 27, 161-9	1.2	81
154	Evaluation of the energy expenditure in competitive swimming strokes. <i>International Journal of Sports Medicine</i> , 2006 , 27, 894-9	3.6	65
153	Energy cost and intracyclic variation of the velocity of the centre of mass in butterfly stroke. <i>European Journal of Applied Physiology</i> , 2005 , 93, 519-23	3.4	56
152	Changes in physiological and stroke parameters during a maximal 400-m free swimming test in elite swimmers. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2004 , 29 Suppl, S17-31		50
151	Autonomic adaptation after traditional and reverse swimming training periodizations. <i>Acta Physiologica Hungarica</i> , 2015 , 102, 105-13		45
150	Time limit at VO ₂ max velocity in elite crawl swimmers. <i>International Journal of Sports Medicine</i> , 2008 , 29, 145-50	3.6	44
149	Kinematical profiling of the front crawl start. <i>International Journal of Sports Medicine</i> , 2010 , 31, 16-21	3.6	41
148	Determination of the drag coefficient during the first and second gliding positions of the breaststroke underwater stroke. <i>Journal of Applied Biomechanics</i> , 2010 , 26, 324-31	1.2	36
147	Time limit and VO ₂ slow component at intensities corresponding to VO ₂ max in swimmers. <i>International Journal of Sports Medicine</i> , 2003 , 24, 576-81	3.6	34
146	Step length and individual anaerobic threshold assessment in swimming. <i>International Journal of Sports Medicine</i> , 2011 , 32, 940-6	3.6	32
145	Does warm-up have a beneficial effect on 100-m freestyle?. <i>International Journal of Sports Physiology and Performance</i> , 2014 , 9, 145-50	3.5	28
144	Comparison of grab start between elite and trained swimmers. <i>International Journal of Sports Medicine</i> , 2010 , 31, 887-93	3.6	27
143	Time to Exhaustion at the VO ₂ max Velocity in Swimming: A Review. <i>Journal of Human Kinetics</i> , 2012 , 32, 121-34	2.6	26
142	Is the new AquaTrainer [®] snorkel valid for VO ₂ assessment in swimming?. <i>International Journal of Sports Medicine</i> , 2013 , 34, 336-44	3.6	25
141	Interplay of biomechanical, energetic, coordinative, and muscular factors in a 200 m front crawl swim. <i>BioMed Research International</i> , 2013 , 2013, 897232	3	25

140	Biomechanical analysis of backstroke swimming starts. <i>International Journal of Sports Medicine</i> , 2011 , 32, 546-51	3.6	25
139	The effects of two different swimming training periodization on physiological parameters at various exercise intensities. <i>European Journal of Sport Science</i> , 2017 , 17, 425-432	3.9	24
138	Does the hip reflect the centre of mass swimming kinematics?. <i>International Journal of Sports Medicine</i> , 2009 , 30, 779-81	3.6	24
137	Quantification of upper limb kinetic asymmetries in front crawl swimming. <i>Human Movement Science</i> , 2015 , 40, 185-92	2.4	22
136	Individual profiles of spatio-temporal coordination in high intensity swimming. <i>Human Movement Science</i> , 2012 , 31, 1200-12	2.4	22
135	Effect of increasing energy cost on arm coordination in elite sprint swimmers. <i>Human Movement Science</i> , 2012 , 31, 620-9	2.4	22
134	Upper- and lower-limb muscular fatigue during the 200-m front crawl. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013 , 38, 716-24	3	22
133	Energy cost and body centre of mass' 3D intracycle velocity variation in swimming. <i>European Journal of Applied Physiology</i> , 2012 , 112, 3319-26	3.4	21
132	Relationships between energetic, stroke determinants, and velocity in butterfly. <i>International Journal of Sports Medicine</i> , 2005 , 26, 841-6	3.6	21
131	Front Crawl Sprint Performance: A Cluster Analysis of Biomechanics, Energetics, Coordinative, and Anthropometric Determinants in Young Swimmers. <i>Motor Control</i> , 2016 , 20, 209-21	1.3	20
130	High level swimming performance and its relation to non-specific parameters: a cross-sectional study on maximum handgrip isometric strength. <i>Perceptual and Motor Skills</i> , 2012 , 114, 936-48	2.2	20
129	Kinematic and electromyographic changes during 200 m front crawl at race pace. <i>International Journal of Sports Medicine</i> , 2013 , 34, 49-55	3.6	20
128	Different VO ₂ max time-averaging intervals in swimming. <i>International Journal of Sports Medicine</i> , 2012 , 33, 1010-5	3.6	20
127	Anthropometry and throwing velocity in elite water polo by specific playing positions. <i>Journal of Human Kinetics</i> , 2011 , 27, 31-44	2.6	19
126	Kinematics of the hip and body center of mass in front crawl. <i>Journal of Human Kinetics</i> , 2012 , 33, 15-23	2.6	19
125	VO ₂ kinetics and metabolic contributions whilst swimming at 95, 100, and 105% of the velocity at VO ₂ max. <i>BioMed Research International</i> , 2014 , 2014, 675363	3	18
124	Predicting the intra-cyclic variation of the velocity of the centre of mass from segmental velocities in butterfly stroke: a pilot study. <i>Journal of Sports Science and Medicine</i> , 2008 , 7, 201-9	2.7	18
123	Eccentric flywheel post-activation potentiation influences swimming start performance kinetics. <i>Journal of Sports Sciences</i> , 2019 , 37, 443-451	3.6	17

122	Relation between efficiency and energy cost with coordination in aquatic locomotion. <i>European Journal of Applied Physiology</i> , 2013 , 113, 651-9	3.4	17
121	Changes in arm coordination and stroke parameters on transition through the lactate threshold. <i>European Journal of Applied Physiology</i> , 2013 , 113, 1957-64	3.4	16
120	Backstroke start kinematic and kinetic changes due to different feet positioning. <i>Journal of Sports Sciences</i> , 2013 , 31, 1665-75	3.6	16
119	Exercise Modality Effect on Bioenergetical Performance at $\dot{V}O_2$ max Intensity. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1705-13	1.2	16
118	Reconstruction Accuracy Assessment of Surface and Underwater 3D Motion Analysis: A New Approach. <i>Computational and Mathematical Methods in Medicine</i> , 2015 , 2015, 269264	2.8	16
117	Effects of detraining in age-group swimmers performance, energetics and kinematics. <i>Journal of Sports Sciences</i> , 2019 , 37, 1490-1498	3.6	16
116	Do traditional and reverse swimming training periodizations lead to similar aerobic performance improvements?. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018 , 58, 761-767	1.4	15
115	Phase-dependence of elbow muscle coactivation in front crawl swimming. <i>Journal of Electromyography and Kinesiology</i> , 2013 , 23, 820-5	2.5	15
114	Biophysical Determinants of Front-Crawl Swimming at Moderate and Severe Intensities. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, 241-246	3.5	15
113	VO ₂ kinetics in 200-m race-pace front crawl swimming. <i>International Journal of Sports Medicine</i> , 2011 , 32, 765-70	3.6	15
112	Integrated Analysis of Young Swimmers' Sprint Performance. <i>Motor Control</i> , 2019 , 23, 354-364	1.3	15
111	Comparison of Incremental Intermittent and Time Trial Testing in Age-Group Swimmers. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33, 801-810	3.2	15
110	Monitoring Age-Group Swimmers Over a Training Macrocycle: Energetics, Technique, and Anthropometrics. <i>Journal of Strength and Conditioning Research</i> , 2020 , 34, 818-827	3.2	15
109	Anaerobic alactic energy assessment in middle distance swimming. <i>European Journal of Applied Physiology</i> , 2013 , 113, 2153-8	3.4	14
108	Evaluation of adolescent swimmers through a 30-s tethered test. <i>Pediatric Exercise Science</i> , 2012 , 24, 312-21	2	14
107	Kinematic, kinetic and EMG analysis of four front crawl flip turn techniques. <i>Journal of Sports Sciences</i> , 2015 , 33, 2006-15	3.6	13
106	Differences in kinematics and energy cost between front crawl and backstroke below the anaerobic threshold. <i>European Journal of Applied Physiology</i> , 2018 , 118, 1107-1118	3.4	13
105	Intra-Individual Variability of Surface Electromyography in Front Crawl Swimming. <i>PLoS ONE</i> , 2015 , 10, e0144998	3.7	13

104	Which are the best VO ₂ sampling intervals to characterize low to severe swimming intensities?. <i>International Journal of Sports Medicine</i> , 2014 , 35, 1030-6	3.6	13
103	Do player performance, real sport experience, and gender affect movement patterns during equivalent exergame?. <i>Computers in Human Behavior</i> , 2016 , 63, 1-8	7.7	13
102	Assessment of individual anaerobic threshold and stroking parameters in swimmers aged 10-11 years. <i>European Journal of Sport Science</i> , 2010 , 10, 311-317	3.9	12
101	Biophysical Follow-up of Age-Group Swimmers During a Traditional Three-Peak Preparation Program. <i>Journal of Strength and Conditioning Research</i> , 2020 , 34, 2585-2595	3.2	12
100	The Effect of Intensity on 3-Dimensional Kinematics and Coordination in Front-Crawl Swimming. <i>International Journal of Sports Physiology and Performance</i> , 2016 , 11, 768-775	3.5	12
99	Exercise modality effect on oxygen uptake off-transient kinetics at maximal oxygen uptake intensity. <i>Experimental Physiology</i> , 2015 , 100, 719-29	2.4	11
98	The effects of intensity on V O ₂ kinetics during incremental free swimming. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 918-23	3	11
97	Front crawl technical characterization of 11- to 13-year- old swimmers. <i>Pediatric Exercise Science</i> , 2012 , 24, 409-19	2	11
96	Reconstruction Error of Calibration Volume's Coordinates for 3D Swimming Kinematics. <i>Journal of Human Kinetics</i> , 2011 , 29, 35-40	2.6	11
95	Gross efficiency and energy expenditure in kayak ergometer exercise. <i>International Journal of Sports Medicine</i> , 2012 , 33, 654-60	3.6	11
94	Inter-individual variability and pattern recognition of surface electromyography in front crawl swimming. <i>Journal of Electromyography and Kinesiology</i> , 2016 , 31, 14-21	2.5	11
93	Effective Swimmer's Action during the Grab Start Technique. <i>PLoS ONE</i> , 2015 , 10, e0123001	3.7	10
92	Anaerobic Threshold Biophysical Characterisation of the Four Swimming Techniques. <i>International Journal of Sports Medicine</i> , 2020 , 41, 318-327	3.6	10
91	The effect of different foot and hand set-up positions on backstroke start performance. <i>Sports Biomechanics</i> , 2016 , 15, 481-96	2.2	10
90	Muscle activation behavior in a swimming exergame: Differences by experience and gaming velocity. <i>Physiology and Behavior</i> , 2017 , 181, 23-28	3.5	10
89	Kinematic analysis of three water polo front crawl styles. <i>Journal of Sports Sciences</i> , 2012 , 30, 715-23	3.6	10
88	Is time limit at the minimum swimming velocity of VO ₂ max influenced by stroking parameters?. <i>Perceptual and Motor Skills</i> , 2006 , 103, 67-75	2.2	10
87	A Biophysical Analysis on the Arm Stroke Efficiency in Front Crawl Swimming: Comparing Methods and Determining the Main Performance Predictors. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	10

86	Computational fluid dynamics vs. inverse dynamics methods to determine passive drag in two breaststroke glide positions. <i>Journal of Biomechanics</i> , 2015 , 48, 2221-6	2.9	9
85	AquaTrainer [®] Snorkel does not Increase Hydrodynamic Drag but Influences Turning Time. <i>International Journal of Sports Medicine</i> , 2016 , 37, 324-8	3.6	9
84	Are the new starting block facilities beneficial for backstroke start performance?. <i>Journal of Sports Sciences</i> , 2016 , 34, 871-7	3.6	9
83	Commentaries on Viewpoint: $\dot{V}O_2$ is an acceptable estimate of cardiorespiratory fitness but not $\dot{V}O_2$. <i>Journal of Applied Physiology</i> , 2018 , 125, 233-240	3.7	9
82	Critical evaluation of oxygen-uptake assessment in swimming. <i>International Journal of Sports Physiology and Performance</i> , 2014 , 9, 190-202	3.5	9
81	Biophysical characterization of a swimmer with a unilateral arm amputation: a case study. <i>International Journal of Sports Physiology and Performance</i> , 2014 , 9, 1050-3	3.5	9
80	The backstroke swimming start: state of the art. <i>Journal of Human Kinetics</i> , 2014 , 42, 27-40	2.6	9
79	Hydrodynamic analysis of different finger positions in swimming: a computational fluid dynamics approach. <i>Journal of Applied Biomechanics</i> , 2015 , 31, 48-55	1.2	9
78	Effects of protocol step length on biomechanical measures in swimming. <i>International Journal of Sports Physiology and Performance</i> , 2015 , 10, 211-8	3.5	9
77	Oxygen uptake kinetics and energy system's contribution around maximal lactate steady state swimming intensity. <i>PLoS ONE</i> , 2017 , 12, e0167263	3.7	9
76	Front Crawl Is More Efficient and Has Smaller Active Drag Than Backstroke Swimming: Kinematic and Kinetic Comparison Between the Two Techniques at the Same Swimming Speeds. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 570657	5.8	9
75	Biomechanics, energetics and coordination during extreme swimming intensity: effect of performance level. <i>Journal of Sports Sciences</i> , 2017 , 35, 1614-1621	3.6	9
74	Anaerobic critical velocity in four swimming techniques. <i>International Journal of Sports Medicine</i> , 2011 , 32, 195-8	3.6	8
73	Influence of prior exercise on $\dot{V}O_2$ kinetics subsequent exhaustive rowing performance. <i>PLoS ONE</i> , 2014 , 9, e84208	3.7	8
72	Biomechanical and bioenergetical evaluation of swimmers using fully-tethered swimming: A qualitative review. <i>Journal of Human Sport and Exercise</i> , 2017 , 12,	1.5	8
71	Do 5% changes around maximal lactate steady state lead to swimming biophysical modifications?. <i>Human Movement Science</i> , 2016 , 49, 258-66	2.4	8
70	About the use and conclusions extracted from a single tube snorkel used for respiratory data acquisition during swimming. <i>Journal of Physiological Sciences</i> , 2013 , 63, 155-7	2.3	7
69	Backstroke technical characterization of 11-13 year-old swimmers. <i>Journal of Sports Science and Medicine</i> , 2013 , 12, 623-9	2.7	7

68	Inter-Limb Coordinative Structure in a 200 m Front Crawl Event~!2009-07-05~!2009-11-01~!2010-04-15~!. <i>The Open Sports Sciences Journal</i> , 2010 , 3, 25-27	0.5	7
67	In-Water and On-Land Swimmers' Symmetry and Force Production. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	7
66	VO at Maximal and Supramaximal Intensities: Lessons to High-Intensity Interval Training in Swimming. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, 872-877	3.5	6
65	Task Constraints and Coordination Flexibility in Young Swimmers. <i>Motor Control</i> , 2019 , 1-18	1.3	6
64	Behavioural variability and motor performance: Effect of practice specialization in front crawl swimming. <i>Human Movement Science</i> , 2016 , 47, 141-150	2.4	6
63	Physiological demands of a swimming-based video game: Influence of gender, swimming background, and exergame experience. <i>Scientific Reports</i> , 2017 , 7, 5247	4.9	6
62	Is Swimmers' Performance Influenced by Wetsuit Use?. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 1-6	3.5	6
61	Physiological and Biomechanical Evaluation of a Training Macrocycle in Children Swimmers. <i>Sports</i> , 2019 , 7,	3	5
60	Comparison of Different Methods for the Swimming Aerobic Capacity Evaluation. <i>Journal of Strength and Conditioning Research</i> , 2018 , 32, 3542-3551	3.2	5
59	Assessment of fatigue thresholds in 50-m all-out swimming. <i>International Journal of Sports Physiology and Performance</i> , 2014 , 9, 959-65	3.5	5
58	Design and construction of a 3D force plate prototype for developing an instrumented swimming start block. <i>Journal of Biomedical Engineering and Informatics</i> , 2015 , 2, 99		5
57	Effects of fatigue on kinematical parameters during submaximal and maximal 100-m butterfly bouts. <i>Journal of Applied Biomechanics</i> , 2012 , 28, 599-607	1.2	5
56	Intracyclic velocity variation and arm coordination assessment in swimmers with Down syndrome. <i>Adapted Physical Activity Quarterly</i> , 2013 , 30, 70-84	1.7	5
55	Intracycle velocity variation of the body centre of mass in front crawl. <i>International Journal of Sports Medicine</i> , 2012 , 33, 285-90	3.6	5
54	VOBITTING: A Free and Open-Source Software for Modelling Oxygen Uptake Kinetics in Swimming and other Exercise Modalities. <i>Sports</i> , 2019 , 7,	3	4
53	5 km front crawl in pool and open water swimming: breath-by-breath energy expenditure and kinematic analysis. <i>European Journal of Applied Physiology</i> , 2020 , 120, 2005-2018	3.4	4
52	Modelling and Predicting Backstroke Start Performance Using Non-Linear and Linear Models. <i>Journal of Human Kinetics</i> , 2018 , 61, 29-38	2.6	4
51	3D Device for Forces in Swimming Starts and Turns. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3559	2.6	4

50	Cinética do consumo de oxigênio a intensidades de nado moderada e extrema. <i>Revista Brasileira De Medicina Do Esporte</i> , 2013 , 19, 186-190	0.5	4
49	VO2 Off Transient Kinetics in Extreme Intensity Swimming. <i>Journal of Sports Science and Medicine</i> , 2011 , 10, 546-52	2.7	4
48	Kinematical Analysis along Maximal Lactate Steady State Swimming Intensity. <i>Journal of Sports Science and Medicine</i> , 2014 , 13, 610-5	2.7	4
47	Towards a de facto Nonlinear Periodization: Extending Nonlinearity from Programming to Periodizing. <i>Sports</i> , 2020 , 8,	3	4
46	Lateral kinetic proficiency and asymmetry in backstroke start performed with horizontal and vertical handgrips. <i>Sports Biomechanics</i> , 2021 , 20, 71-85	2.2	4
45	High-intensity Interval Training in Different Exercise Modes: Lessons from Time to Exhaustion. <i>International Journal of Sports Medicine</i> , 2018 , 39, 668-673	3.6	3
44	Is Speed Reserve Related to Critical Speed and Anaerobic Distance Capacity in Swimming?. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 1830-6	3.2	3
43	Post-swim oxygen consumption: assessment methodologies and kinetics analysis. <i>Physiological Measurement</i> , 2020 , 41, 105005	2.9	3
42	Neuromuscular Activity of Upper and Lower Limbs during two Backstroke Swimming Start Variants. <i>Journal of Sports Science and Medicine</i> , 2015 , 14, 591-601	2.7	3
41	Monitoring Changes Over a Training Macrocycle in Regional Age-Group Swimmers. <i>Journal of Human Kinetics</i> , 2019 , 69, 213-223	2.6	3
40	IS TIME LIMIT AT THE MINIMUM SWIMMING VELOCITY OF V02 MAX INFLUENCED BY STROKING PARAMETERS?. <i>Perceptual and Motor Skills</i> , 2006 , 103, 67	2.2	3
39	Applicability of Physiological Monitoring Systems within Occupational Groups: A Systematic Review. <i>Sensors</i> , 2021 , 21,	3.8	3
38	Case Study: Comparison of Swimsuits and Wetsuits Through Biomechanics and Energetics in Elite Female Open Water Swimmers. <i>International Journal of Sports Physiology and Performance</i> , 2021 , 1-7	3.5	3
37	Backstroke to Breaststroke Turning Performance in Age-Group Swimmers: Hydrodynamic Characteristics and Pull-Out Strategy. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
36	Non-Invasive Physiological Monitoring for Physical Exertion and Fatigue Assessment in Military Personnel: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
35	Influence of a 100-M Simulated In-Water Rescue on Cardiopulmonary Parameters. <i>Prehospital Emergency Care</i> , 2017 , 21, 301-308	2.8	2
34	Do swimmers conform to criterion speed during pace-controlled swimming in a 25-m pool using a visual light pacer?. <i>Sports Biomechanics</i> , 2021 , 20, 651-664	2.2	2
33	Integrated Dynamometric, Kinematic and Electromyographic Characterisation of a Swimming Track Start Block Phase [A Pilot Study]. <i>Central European Journal of Sport Sciences and Medicine</i> , 2016 , 15, 5-14	0.1	2

32	Water Polo Shooting Performance: Differences Between World Championship Winning, Drawing and Losing Teams. <i>Journal of Human Kinetics</i> , 2020 , 72, 203-214	2.6	2
31	Upper body kinematic differences between maximum front crawl and backstroke swimming. <i>Journal of Biomechanics</i> , 2020 , 98, 109452	2.9	2
30	Monitoring Master Swimmers' Performance and Active Drag Evolution along a Training Mesocycle. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
29	Psychological and Physiological Features Associated with Swimming Performance. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
28	Biomechanical analyses of synchronised swimming standard and contra-standard sculling. <i>Sports Biomechanics</i> , 2019 , 18, 354-365	2.2	2
27	Commentary: Do Thirty-Second Post-activation Potentiation Exercises Improve the 50-m Freestyle Sprint Performance in Adolescent Swimmers?. <i>Frontiers in Physiology</i> , 2019 , 10, 215	4.6	1
26	Reliability and accuracy of spatial-temporal gait parameters measured by the WalkinSense [®] . <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2016 , 230, 275-279	0.7	1
25	Contrasting morphology and training background in waterpolo teams of different competitive levels. <i>Motriz Revista De Educacao Fisica</i> , 2014 , 20, 272-279	0.9	1
24	Infrared Thermography in Swimming. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2017 , 199-219	0.3	1
23	Multi-Micronutrient Supplementation and Immunoglobulin Response in Well-Fed Firefighters. <i>Sports Medicine International Open</i> , 2021 , 5, E1-E7	1.7	1
22	Is torso twist production the primary role of the torso muscles in front crawl swimming?. <i>Sports Biomechanics</i> , 2021 , 1-15	2.2	1
21	Body roll amplitude and timing in backstroke swimming and their differences from front crawl at the same swimming intensities. <i>Scientific Reports</i> , 2021 , 11, 824	4.9	1
20	Young Swimmers' Middle-Distance Performance Variation within a Training Season. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
19	Velocity Variability and Performance in Backstroke in Elite and Good-Level Swimmers. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 6744	4.6	1
18	Predicting centre of mass horizontal speed in low to severe swimming intensities with linear and non-linear models. <i>Journal of Sports Sciences</i> , 2019 , 37, 1512-1520	3.6	0
17	Commentary: Anaerobic Contribution Determined in Swimming Distances: Relation With Performance. <i>Frontiers in Physiology</i> , 2018 , 9, 507	4.6	0
16	Impact of Futsal and Swimming Participation on Bone Health in Young Athletes. <i>Journal of Human Kinetics</i> , 2017 , 60, 85-91	2.6	0
15	Back plate and wedge use and individual ventral and dorsal swimming start performance: a systematic review.. <i>Sports Biomechanics</i> , 2022 , 1-25	2.2	0

14	Case Study: A Jaw-Protruding Dental Splint Improves Running Physiology and Kinematics.. <i>International Journal of Sports Physiology and Performance</i> , 2022 , 1-5	3.5	○
13	Acute CrossFit [®] Workout Session Impacts Blood Redox Marker Modulation 2021 , 1, 13-21		○
12	Extreme blood lactate rising after very short efforts in top-level track and field male sprinters. <i>Research in Sports Medicine</i> , 2021 , 1-7	3.8	○
11	Pre-exercise skin temperature evolution is not related with 100´m front crawl performance. <i>Journal of Thermal Biology</i> , 2021 , 98, 102926	2.9	○
10	The oxygen uptake slow component at submaximal intensities in breaststroke swimming. <i>Journal of Human Kinetics</i> , 2016 , 51, 165-173	2.6	○
9	The impact of a single surfing paddling cycle on fatigue and energy cost. <i>Scientific Reports</i> , 2021 , 11, 4566	4.9	○
8	Biomechanical Features of Backstroke to Breaststroke Transition Techniques in Age-Group Swimmers.. <i>Frontiers in Sports and Active Living</i> , 2022 , 4, 802967	2.3	○
7	Swimming Efficiency Assessment In Down Syndrome Swimmers. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 691	1.2	
6	Oxygen Kinetics In A 200-m Front Crawl Maximal Swimming Effort. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 23-24	1.2	
5	The Effect Of Depth On Drag During The Gliding Phase In Swimming. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 36	1.2	
4	Differences in the rotational effect of buoyancy and trunk kinematics between front crawl and backstroke swimming. <i>Sports Biomechanics</i> , 2021 , 1-12	2.2	
3	Infrared Thermography in Swimming 2021 , 795-815		
2	Modeling and predicting the backstroke to breaststroke turns performance in age-group swimmers.. <i>Sports Biomechanics</i> , 2021 , 1-22	2.2	
1	Supply of Antioxidants vs. Recruit Firefighters [®] Cellular Immune Status: A Randomized Double-Blinded Placebo-Controlled Parallel-Group Trial. <i>Life</i> , 2022 , 12, 813	3	