

Daniel A. Marinho

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8306684/daniel-a-marinho-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.

175
papers

2,128
citations

25
h-index

36
g-index

200
ext. papers

2,698
ext. citations

2.7
avg, IF

5.05
L-index

#	Paper	IF	Citations
175	Energetics and biomechanics as determining factors of swimming performance: updating the state of the art. <i>Journal of Science and Medicine in Sport</i> , 2010 , 13, 262-9	4.4	149
174	Hydrodynamic drag during gliding in swimming. <i>Journal of Applied Biomechanics</i> , 2009 , 25, 253-7	1.2	54
173	Warm-up and performance in competitive swimming. <i>Sports Medicine</i> , 2014 , 44, 319-30	10.6	53
172	Effects of Warm-Up, Post-Warm-Up, and Re-Warm-Up Strategies on Explosive Efforts in Team Sports: A Systematic Review. <i>Sports Medicine</i> , 2018 , 48, 2285-2299	10.6	51
171	Associations between dry land strength and power measurements with swimming performance in elite athletes: a pilot study. <i>Journal of Human Kinetics</i> , 2011 , 29A, 105-12	2.6	46
170	Modeling the links between young swimmers' performance: energetic and biomechanic profiles. <i>Pediatric Exercise Science</i> , 2010 , 22, 379-91	2	44
169	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
168	Swimming propulsion forces are enhanced by a small finger spread. <i>Journal of Applied Biomechanics</i> , 2010 , 26, 87-92	1.2	41
167	Physiological assessment of head-out aquatic exercises in healthy subjects: a qualitative review. <i>Journal of Sports Science and Medicine</i> , 2009 , 8, 179-89	2.7	39
166	Stability of elite freestyle performance from childhood to adulthood. <i>Journal of Sports Sciences</i> , 2011 , 29, 1183-9	3.6	37
165	Linking selected kinematic, anthropometric and hydrodynamic variables to young swimmer performance. <i>Pediatric Exercise Science</i> , 2012 , 24, 649-64	2	36
164	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
163	Physical fitness differences between prepubescent boys and girls. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1756-66	3.2	34
162	Does combined dry land strength and aerobic training inhibit performance of young competitive swimmers?. <i>Journal of Sports Science and Medicine</i> , 2010 , 9, 300-10	2.7	31
161	Start and turn performances of elite sprinters at the 2016 European Championships in swimming. <i>Sports Biomechanics</i> , 2019 , 18, 100-114	2.2	31
160	Tethered swimming can be used to evaluate force contribution for short-distance swimming performance. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 3093-9	3.2	30
159	Relationships between dry land strength, power variables and short sprint performance in young competitive swimmers. <i>Journal of Human Sport and Exercise</i> , 2010 , 5, 240-249	1.5	30

158	Effects of concurrent training on explosive strength and VO ₂ max in prepubescent children. <i>International Journal of Sports Medicine</i> , 2013 , 34, 888-96	3.6	29
157	The relative age effect among elite youth competitive swimmers. <i>European Journal of Sport Science</i> , 2013 , 13, 437-44	3.9	29
156	The effects of concurrent resistance and endurance training follow a detraining period in elementary school students. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1708-16	3.2	29
155	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
154	Longitudinal interventions in elite swimming: a systematic review based on energetics, biomechanics, and performance. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 2006-16	3.2	28
153	Effects of Dry-Land Strength and Conditioning Programs in Age Group Swimmers. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 2447-2454	3.2	27
152	The Effects of Different Warm-up Volumes on the 100-m Swimming Performance: A Randomized Crossover Study. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 3026-36	3.2	27
151	Relative Contribution of Arms and Legs in 30 s Fully Tethered Front Crawl Swimming. <i>BioMed Research International</i> , 2015 , 2015, 563206	3	27
150	Determinant Factors of Long-Term Performance Development in Young Swimmers. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, 198-205	3.5	25
149	Analysis of drafting effects in swimming using computational fluid dynamics. <i>Journal of Sports Science and Medicine</i> , 2008 , 7, 60-6	2.7	25
148	Examining the accumulated oxygen deficit method in front crawl swimming. <i>International Journal of Sports Medicine</i> , 2010 , 31, 421-7	3.6	24
147	Longitudinal modeling in sports: young swimmers' performance and biomechanics profile. <i>Human Movement Science</i> , 2014 , 37, 111-22	2.4	23
146	Quantification of upper limb kinetic asymmetries in front crawl swimming. <i>Human Movement Science</i> , 2015 , 40, 185-92	2.4	22
145	The influence of anthropometric, kinematic and energetic variables and gender on swimming performance in youth athletes. <i>Journal of Human Kinetics</i> , 2013 , 39, 203-11	2.6	22
144	Morphometric study for estimation and validation of trunk transverse surface area to assess human drag force on water. <i>Journal of Human Kinetics</i> , 2011 , 28, 5-13	2.6	22
143	The Hydrodynamic Study of the Swimming Gliding: a Two-Dimensional Computational Fluid Dynamics (CFD) Analysis. <i>Journal of Human Kinetics</i> , 2011 , 29, 49-57	2.6	22
142	Tracking the performance of world-ranked swimmers. <i>Journal of Sports Science and Medicine</i> , 2010 , 9, 411-7	2.7	22
141	Hydrodynamic profile of young swimmers: changes over a competitive season. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, e184-96	4.6	21

140	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
139	The interaction between intra-cyclic variation of the velocity and mean swimming velocity in young competitive swimmers. <i>International Journal of Sports Medicine</i> , 2013 , 34, 123-30	3.6	20
138	Relationships between vertical jump strength metrics and 5 meters sprint time. <i>Journal of Human Kinetics</i> , 2011 , 29, 115-22	2.6	20
137	Effects of musical cadence in the acute physiologic adaptations to head-out aquatic exercises. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 244-50	3.2	20
136	The power output and sprinting performance of young swimmers. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 440-50	3.2	19
135	Can 8-weeks of Training Affect Active Drag in Young Swimmers?. <i>Journal of Sports Science and Medicine</i> , 2010 , 9, 71-8	2.7	19
134	Growth influences biomechanical profile of talented swimmers during the summer break. <i>Sports Biomechanics</i> , 2014 , 13, 62-74	2.2	17
133	Tracking the performance, energetics and biomechanics of international versus national level swimmers during a competitive season. <i>European Journal of Applied Physiology</i> , 2012 , 112, 811-20	3.4	17
132	The Effect of Depth on Drag During the Streamlined Glide: A Three-Dimensional CFD Analysis. <i>Journal of Human Kinetics</i> , 2012 , 33, 55-62	2.6	17
131	Effects of dry-land strength training on swimming performance: a brief review. <i>Journal of Human Sport and Exercise</i> , 2012 , 7, 553-559	1.5	17
130	Energetics, Biomechanics, and Performance in Masters' Swimmers: A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 2069-81	3.2	16
129	Characterization of speed fluctuation and drag force in young swimmers: a gender comparison. <i>Human Movement Science</i> , 2013 , 32, 1214-25	2.4	16
128	Effects of body fat and dominant somatotype on explosive strength and aerobic capacity trainability in prepubescent children. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 3233-44	3.2	16
127	Three-dimensional CFD analysis of the hand and forearm in swimming. <i>Journal of Applied Biomechanics</i> , 2011 , 27, 74-80	1.2	16
126	Warm-up for Sprint Swimming: Race-Pace or Aerobic Stimulation? A Randomized Study. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 2423-2431	3.2	14
125	The transfer of strength and power into the stroke biomechanics of young swimmers over a 34-week period. <i>European Journal of Sport Science</i> , 2018 , 18, 787-795	3.9	14
124	Motivational patterns in persistent swimmers: A serial mediation analysis. <i>European Journal of Sport Science</i> , 2020 , 20, 660-669	3.9	14
123	Effect of wearing a swimsuit on hydrodynamic drag of swimmer. <i>Brazilian Archives of Biology and Technology</i> , 2012 , 55, 851-856	1.8	13

122	The effects of concurrent resistance and endurance training follow a specific detraining cycle in young school girls. <i>Journal of Human Kinetics</i> , 2011 , 29A, 93-103	2.6	13
121	Modelling the relationship between biomechanics and performance of young sprinting swimmers. <i>European Journal of Sport Science</i> , 2016 , 16, 661-8	3.9	13
120	Assessment of passive drag in swimming by numerical simulation and analytical procedure. <i>Journal of Sports Sciences</i> , 2018 , 36, 492-498	3.6	12
119	Cluster stability as a new method to assess changes in performance and its determinant factors over a season in young swimmers. <i>International Journal of Sports Physiology and Performance</i> , 2015 , 10, 261-8	3.5	12
118	Examining the accumulated oxygen deficit method in breaststroke swimming. <i>European Journal of Applied Physiology</i> , 2010 , 109, 1129-35	3.4	12
117	Comparison of the Start, Turn and Finish Performance of Elite Swimmers in 100 m and 200 m Races. <i>Journal of Sports Science and Medicine</i> , 2020 , 19, 397-407	2.7	12
116	Upper-limb kinematics and kinetics imbalances in the determinants of front-crawl swimming at maximal speed in young international level swimmers. <i>Scientific Reports</i> , 2020 , 10, 11683	4.9	12
115	Effects of 10min vs. 20min passive rest after warm-up on 100m freestyle time-trial performance: A randomized crossover study. <i>Journal of Science and Medicine in Sport</i> , 2017 , 20, 81-86	4.4	11
114	Effects of two different training programs with same workload on throwing velocity by experienced water polo players. <i>Perceptual and Motor Skills</i> , 2012 , 115, 895-902	2.2	11
113	Effects of swim training on energetics and performance. <i>International Journal of Sports Medicine</i> , 2013 , 34, 507-13	3.6	11
112	Stability analysis and prediction of pacing in elite 1500 m freestyle male swimmers. <i>Sports Biomechanics</i> , 2020 , 1-18	2.2	11
111	Stability of pace and turn parameters of elite long-distance swimmers. <i>Human Movement Science</i> , 2019 , 63, 108-119	2.4	11
110	The Effectiveness of Land and Water Based Resistance Training on Shoulder Rotator Cuff Strength and Balance of Youth Swimmers. <i>Journal of Human Kinetics</i> , 2018 , 62, 91-102	2.6	11
109	Influence of Strength, Sprint Running, and Combined Strength and Sprint Running Training on Short Sprint Performance in Young Adults. <i>International Journal of Sports Medicine</i> , 2015 , 36, 789-95	3.6	10
108	Anaerobic Threshold Biophysical Characterisation of the Four Swimming Techniques. <i>International Journal of Sports Medicine</i> , 2020 , 41, 318-327	3.6	10
107	Motivational Climate Sport Youth Scale: Measurement Invariance Across Gender and Five Different Sports. <i>Journal of Human Kinetics</i> , 2018 , 61, 249-261	2.6	10
106	The variations on the aerodynamics of a world-ranked wheelchair sprinter in the key-moments of the stroke cycle: A numerical simulation analysis. <i>PLoS ONE</i> , 2018 , 13, e0193658	3.7	10
105	Reliability of tethered swimming evaluation in age group swimmers. <i>Journal of Human Kinetics</i> , 2014 , 41, 155-62	2.6	10

104	Is time limit at the minimum swimming velocity of VO2 max influenced by stroking parameters?. <i>Perceptual and Motor Skills</i> , 2006 , 103, 67-75	2.2	10
103	Adaptation and validation of the Portuguese version of Basic Psychological Needs Exercise Scale (BPNEsP) to the sport domain and invariance across football and swimming. <i>Motricidade</i> , 2017 , 12, 51	0	10
102	Relationship between thrust, anthropometrics, and dry-land strength in a national junior swimming team. <i>Physician and Sportsmedicine</i> , 2020 , 48, 304-311	2.4	10
101	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
100	The effect of 12 weeks of water-aerobics on health status and physical fitness: An ecological approach. <i>PLoS ONE</i> , 2018 , 13, e0198319	3.7	9
99	Determinants and Reasons for Dropout in Swimming -Systematic Review. <i>Sports</i> , 2017 , 5,	3	9
98	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
97	A Comparison of Experimental and Analytical Procedures to Measure Passive Drag in Human Swimming. <i>PLoS ONE</i> , 2015 , 10, e0130868	3.7	9
96	Effect of Gender, Energetics, and Biomechanics on Swimming Masters Performance. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 1948-55	3.2	8
95	Passive muscle length changes affect twitch potentiation in power athletes. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1334-42	1.2	8
94	The Effect of Warm-up on Tethered Front Crawl Swimming Forces. <i>Journal of Human Kinetics</i> , 2011 , 29A, 113-9	2.6	8
93	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
92	The influence of musical cadence into aquatic jumping jacks kinematics. <i>Journal of Sports Science and Medicine</i> , 2011 , 10, 607-15	2.7	8
91	Swimming Simulation: A New Tool for Swimming Research and Practical Applications. <i>Lecture Notes in Computational Science and Engineering</i> , 2009 , 33-61	0.3	8
90	Arm-pull thrust in human swimming and the effect of post-activation potentiation. <i>Scientific Reports</i> , 2020 , 10, 8464	4.9	7
89	Young swimmers' classification based on kinematics, hydrodynamics, and anthropometrics. <i>Journal of Applied Biomechanics</i> , 2014 , 30, 310-5	1.2	7
88	Longitudinal study in male swimmers: a hierarchical modeling of energetics and biomechanical contributions for performance. <i>Journal of Sports Science and Medicine</i> , 2013 , 12, 614-22	2.7	7
87	The Influence of Warm-Up on Body Temperature and Strength Performance in Brazilian National-Level Paralympic Powerlifting Athletes. <i>Medicina (Lithuania)</i> , 2020 , 56,	3.1	7

86	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
85	Sex Differences in Relationships Between Perceived Coach-Induced Motivational Climates, Basic Psychological Needs, and Behavior Regulation Among Young Swimmers. <i>Perceptual and Motor Skills</i> , 2020 , 127, 891-911	2.2	6
84	Translation and adaptation of the physical activity enjoyment scale (PACES) in a sample of Portuguese athletes, invariance across genders nature sports and swimming. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2017 , 19, 631-643	0.1	6
83	Tradu e Valida do Movement Imagery Questionnaire - 3 (MIQ - 3) com Atletas Portugueses. <i>Motricidade</i> , 2016 , 12, 149	0	6
82	Association Between Force-Time Curve Characteristics and Vertical Jump Performance in Trained Athletes. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 2045-9	3.2	5
81	Differentiating maturational influence on training-induced strength and endurance adaptations in prepubescent children. <i>American Journal of Human Biology</i> , 2014 , 26, 469-75	2.7	5
80	Wave characteristics in breaststroke technique with and without snorkel use. <i>Journal of Human Kinetics</i> , 2013 , 39, 185-94	2.6	5
79	Somatotype is More Interactive with Strength than Fat Mass and Physical Activity in Peripubertal Children. <i>Journal of Human Kinetics</i> , 2011 , 29A, 83-91	2.6	5
78	How Informative are the Vertical Buoyancy and the Prone Gliding Tests to Assess Young Swimmers' Hydrostatic and Hydrodynamic Profiles?. <i>Journal of Human Kinetics</i> , 2012 , 32, 21-32	2.6	5
77	Schoolbag weight carriage in Portuguese children and adolescents: a cross-sectional study comparing possible influencing factors. <i>BMC Pediatrics</i> , 2019 , 19, 157	2.6	4
76	Analysis of Cyclist's Drag on the Aero Position Using Numerical Simulations and Analytical Procedures: A Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
75	Valida da Subjective Vitality Scale e estudo da vitalidade nos idosos em fun da sua atividade fsica. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2017 , 19, 261	0.1	4
74	Deep and shallow water effects on developing preschoolers' aquatic skills. <i>Journal of Human Kinetics</i> , 2012 , 32, 211-9	2.6	4
73	Analysis of a normal and aero helmet on an elite cyclist in the dropped position. <i>AIMS Biophysics</i> , 2020 , 7, 54-64	0.8	4
72	13th FINA world championships: analysis of swimsuits used by elite male swimmers. <i>Journal of Human Sport and Exercise</i> , 2011 , 6, 87-93	1.5	4
71	The acquisition of aquatic skills in preschool children: deep versus shallow water swimming lessons. <i>Motricidade</i> , 2018 , 14, 66	0	4
70	Influence of regular soccer or swimming practice on gross motor development in childhood. <i>Motricidade</i> , 2017 , 12, 33	0	4
69	An Experimental Study on the Validity and Reliability of a Smartphone Application to Acquire Temporal Variables during the Single Sit-to-Stand Test with Older Adults. <i>Sensors</i> , 2021 , 21,	3.8	4

68	Effects of Backpacks on Ground Reaction Forces in Children of Different Ages When Walking, Running, and Jumping. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	4
67	Data Modeling for Inter- and Intra-Individual Stability of Young Swimmers' Performance: A Longitudinal Cluster Analysis. <i>Research Quarterly for Exercise and Sport</i> , 2021 , 92, 21-33	1.9	4
66	The effects of dry-land strength training on competitive sprinter swimmers. <i>Journal of Exercise Science and Fitness</i> , 2021 , 19, 32-39	3.1	4
65	Estimation of mechanical power and energy cost in elite wheelchair racing by analytical procedures and numerical simulations. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2018 , 21, 585-592	2.7	4
64	Profiling of elite male junior 50 m freestyle sprinters: Understanding the speed-time relationship. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021 ,	4.6	4
63	Assessment of isometric strength of the shoulder rotators in swimmers using a handheld dynamometer: a reliability study. <i>Acta of Bioengineering and Biomechanics</i> , 2018 , 20, 113-119	0.6	4
62	The 3D CFD study of gliding swimmer on passive hydrodynamics drag. <i>Brazilian Archives of Biology and Technology</i> , 2014 , 57, 302-308	1.8	3
61	Gender's Effect on a School-Based Intervention in The Prepubertal Growth Spurt. <i>Journal of Human Kinetics</i> , 2014 , 43, 159-67	2.6	3
60	Comparison by computer fluid dynamics of the drag force acting upon two helmets for wheelchair racers 2017 ,		3
59	Perfil de força isocintica dos rotadores dos ombros em jovens nadadores. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2012 , 14,	0.1	3
58	Estimating the Trunk Transverse Surface Area to Assess Swimmer's Drag Force Based on their Competitive Level. <i>Journal of Human Kinetics</i> , 2012 , 32, 9-19	2.6	3
57	Effects of swim training on energetic and performance in women masters swimmers. <i>Journal of Human Sport and Exercise</i> , 2016 , 11,	1.5	3
56	The Aerodynamics and Energy Cost Assessment of an Able-Bodied Cyclist and Amputated Models by Computer Fluid Dynamics. <i>Medicina (Lithuania)</i> , 2020 , 56,	3.1	3
55	The Role of Specific Warm-up during Bench Press and Squat Exercises: A Novel Approach. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
54	Novel Resistance Training Approach to Monitoring the Volume in Older Adults: The Role of Movement Velocity. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
53	Accelerometer data from the performance of sit-to-stand test by elderly people. <i>Data in Brief</i> , 2020 , 33, 106328	1.2	3
52	The Drag Crisis Phenomenon on an Elite Road Cyclist-A Preliminary Numerical Simulations Analysis in the Aero Position at Different Speeds. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
51	Propulsive Force of Upper Limbs and its Relationship to Swim Velocity in the Butterfly Stroke. <i>International Journal of Sports Medicine</i> , 2021 , 42, 1105-1112	3.6	3

50	The Use of Wearable Sensors in Human Movement Analysis in Non-Swimming Aquatic Activities: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	3
49	Propulsive forces in human competitive swimming: a systematic review on direct assessment methods. <i>Sports Biomechanics</i> , 2021 , 1-21	2.2	3
48	The effect of the start and finish in the 50 m and 100 m freestyle performance in elite male swimmers. <i>International Journal of Performance Analysis in Sport</i> , 1-14	1.8	3
47	Effects of a swimming program on infants' heart rate response. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016 , 56, 352-8	1.4	3
46	Estimation of an Elite Road Cyclist Performance in Different Positions Based on Numerical Simulations and Analytical Procedures. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 538	5.8	2
45	How does 11-week detraining affect 11-12 years old swimmers' biomechanical determinants and its relationship with 100 m freestyle performance?. <i>Sports Biomechanics</i> , 2020 , 1-15	2.2	2
44	Energetic and Biomechanical Contributions for Longitudinal Performance in Master Swimmers. <i>Journal of Functional Morphology and Kinesiology</i> , 2020 , 5,	2.4	2
43	A Visual Scan Analysis Protocol for Postural Assessment at School in Young Students. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
42	Kinetic Analysis of Water Fitness Exercises: Contributions for Strength Development. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	2
41	Longitudinal intra- and inter-individual variability in young swimmers' performance and determinant competition factors. <i>Motriz Revista De Educacao Fisica</i> , 2014 , 20, 292-302	0.9	2
40	Modelling Swimming Hydrodynamics to Enhance Performance~!2009-07-05~!2009-11-01~!2010-04-20~!. <i>The Open Sports Sciences Journal</i> , 2010 , 3, 43-46	0.5	2
39	Tensiomyography in Physical Rehabilitation of High Level Athletes~!2009-07-05~!2009-12-05~!2010-04-20~!. <i>The Open Sports Sciences Journal</i> , 2010 , 3, 47-48	0.5	2
38	âAnaerobicâCritical velocity and swimming performance in young swimmers. <i>Journal of Human Sport and Exercise</i> , 2011 , 6, 80-86	1.5	2
37	Force production and muscle activation during partial vs. full range of motion in Paralympic Powerlifting. <i>PLoS ONE</i> , 2021 , 16, e0257810	3.7	2
36	Design of a three-dimensional hand/forearm model to apply computational fluid dynamics. <i>Brazilian Archives of Biology and Technology</i> , 2010 , 53, 436-442	1.8	2
35	Preliminary Attempt to Develop a Path-Flow Analysis Model for Swimming Performance in Children~!2009-07-05~!2009-11-09~!2010-04-01~!. <i>The Open Sports Sciences Journal</i> , 2010 , 3, 7-9	0.5	2
34	A model for active drag force exogenous variables in young swimmers. <i>Journal of Human Sport and Exercise</i> , 2010 , 5, 379-388	1.5	2
33	The Influence of the Coaches' Demographics on Young Swimmers' Performance and Technical Determinants. <i>Frontiers in Psychology</i> , 2020 , 11, 1968	3.4	2

32	β-adrenergic agonists do not improve physical performance in healthy individuals. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2201-2203	9.3	2
31	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
30	High-Intensity Interval Training upon Cognitive and Psychological Outcomes in Youth: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
29	CFD analysis of head and helmet aerodynamic drag to wheelchair racing 2016 ,		2
28	Comparison of the World and European Records in the 100m Dash by a Quasi-Physical Model. <i>Procedia Engineering</i> , 2016 , 147, 122-126		2
27	The Acute Effects of a Swimming Session on the Shoulder Rotators Strength and Balance of Age Group Swimmers. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
26	Load-velocity relationship in the horizontal leg-press exercise in older women and men. <i>Experimental Gerontology</i> , 2021 , 151, 111391	4.5	2
25	Modelling the 200 m Front-Crawl Performance Predictors at the Winter Season Peak. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
24	Sequence effects of combined resistance exercises with step choreography in the same session in women's oxygen uptake during and postexercise. <i>Clinical Physiology and Functional Imaging</i> , 2018 , 38, 63-68	2.4	1
23	Concurrent agreement between an anthropometric model to predict thigh volume and dual-energy X-Ray absorptiometry assessment in female volleyball players aged 14-18 years. <i>BMC Pediatrics</i> , 2016 , 16, 190	2.6	1
22	Study of external air flow for an AURORA. <i>Aircraft Engineering and Aerospace Technology</i> , 2011 , 83, 255-265		1
21	Análise da evolução da carreira desportiva de nadadores do género feminino utilizando a modelação matemática. <i>Revista Brasileira De Medicina Do Esporte</i> , 2007 , 13, 175-180	0.5	1
20	Análise dos parâmetros cinemáticos determinantes do desempenho na prova de 200 m nado livre. <i>Motriz Revista De Educacao Fisica</i> , 2012 , 18, 366-377	0.9	1
19	Commentary: Face masks in physical education classes during the COVID-19 delta variant wave: a call for awareness. <i>German Journal of Exercise and Sport Research</i> , 1	1.2	1
18	β-adrenergic agonists and doping: Where do we stand?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2320-2321	9.3	1
17	Numerical simulations of a swimmer's head and cap wearing different types of goggles. <i>Sports Biomechanics</i> , 2021 , 1-13	2.2	1
16	Assessment of the inter-lap stability and relationship between the race time and start, clean swim, turn and finish variables in elite male junior swimmers' 200 m freestyle. <i>Sports Biomechanics</i> , 2021 , 1-14	2.2	1
15	Young Swimmers' Anthropometrics, Biomechanics, Energetics, and Efficiency as Underlying Performance Factors: A Systematic Narrative Review. <i>Frontiers in Physiology</i> , 2021 , 12, 691919	4.6	1

14	Validity and Reliability of the Smart Groin Trainer for Measuring Hip Adduction Strength. <i>Journal of Human Kinetics</i> , 2022 , 82, 51-59	2.6	1
13	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
12	Effects of different protocols of physical exercise on fibromyalgia syndrome treatment: systematic review and meta-analysis of randomized controlled trials. <i>Rheumatology International</i> ,	3.6	1
11	Analysis of wind velocity and release angle effects on discus throw using computational fluid dynamics. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013 , 16, 73-80	2.1	0
10	Assessment of Able-Bodied and Amputee Cyclists' Aerodynamics by Computational Fluid Dynamics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 644566	5.8	0
9	Race level comparison and variability analysis of 100 m freestyle sprinters competing in the 2019 European championships. <i>International Journal of Performance Analysis in Sport</i> , 1-14	1.8	0
8	Understanding the Role of Propulsion in the Prediction of Front-Crawl Swimming Velocity and in the Relationship Between Stroke Frequency and Stroke Length.. <i>Frontiers in Physiology</i> , 2022 , 13, 876838	4.6	0
7	Multivariate Training Programs during Physical Education Classes in School Context: Theoretical Considerations and Future Perspectives. <i>Sports</i> , 2022 , 10, 89	3	0
6	Effects of post activation potentiation on electromechanical delay. <i>Clinical Biomechanics</i> , 2019 , 70, 115-122		
5	Numerical Simulation of Viscous Flow Around Kayak: A Comparison of Different Design Models. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2013 , 193-204	0.3	
4	Interactional Response During Infants' Aquatic Sessions. <i>Sports Medicine International Open</i> , 2020 , 4, E67-E72	1.7	
3	Positive Motivational Climates, Physical Activity and Sport Participation Through Self-Determination Theory: Striving for Quality Physical Education. <i>Journal of Physical Education, Recreation and Dance</i> , 2021 , 92, 42-47	0.7	
2	The comparison of Imagery ability in elite, sub-elite and non-elite swimmers. <i>Cuadernos De Psicología Del Deporte</i> , 2019 , 19, 124-134	0.7	
1	Young Swimmers' Classification Based on Performance and Biomechanical Determinants: Determining Similarities Through Cluster Analysis.. <i>Motor Control</i> , 2022 , 1-16	1.3	