

Daniel A. Marinho

List of Publications by Year in Descending Order

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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	Young Swimmers' Classification Based on Performance and Biomechanical Determinants: Determining Similarities Through Cluster Analysis.. <i>Motor Control</i> , 2022 , 1-16	1.3	0
174	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
173	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
172	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
171	Multivariate Training Programs during Physical Education Classes in School Context: Theoretical Considerations and Future Perspectives. <i>Sports</i> , 2022 , 10, 89	3	0
170	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
169	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
168	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
167	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
166	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
165	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
164	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
163	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
162	Numerical simulations of a swimmer's head and cap wearing different types of goggles. <i>Sports Biomechanics</i> , 2021 , 1-13	2.2	1
161	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	0
160	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
159	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

158	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
157	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
156	Load-velocity relationship in the horizontal leg-press exercise in older women and men. <i>Experimental Gerontology</i> , 2021 , 151, 111391	4.5	2
155	Propulsive forces in human competitive swimming: a systematic review on direct assessment methods. <i>Sports Biomechanics</i> , 2021 , 1-21	2.2	3
154	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
153	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
152	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
151	Arm-pull thrust in human swimming and the effect of post-activation potentiation. <i>Scientific Reports</i> , 2020 , 10, 8464	4.9	7
150	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
149	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
148	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
147	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
146	Energetic and Biomechanical Contributions for Longitudinal Performance in Master Swimmers. <i>Journal of Functional Morphology and Kinesiology</i> , 2020 , 5,	2.4	2
145	Anaerobic Threshold Biophysical Characterisation of the Four Swimming Techniques. <i>International Journal of Sports Medicine</i> , 2020 , 41, 318-327	3.6	10
144	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
143	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
142	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
141	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

140	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
139	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
138	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
137	Stability analysis and prediction of pacing in elite 1500 m freestyle male swimmers. <i>Sports Biomechanics</i> , 2020 , 1-18	2.2	11
136	Accelerometer data from the performance of sit-to-stand test by elderly people. <i>Data in Brief</i> , 2020 , 33, 106328	1.2	3
135	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
134	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
133	The Influence of the Coaches' Demographics on Young Swimmers' Performance and Technical Determinants. <i>Frontiers in Psychology</i> , 2020 , 11, 1968	3.4	2
132	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
131	Interactional Response During Infants' Aquatic Sessions. <i>Sports Medicine International Open</i> , 2020 , 4, E67-E72	1.7	
130	Motivational patterns in persistent swimmers: A serial mediation analysis. <i>European Journal of Sport Science</i> , 2020 , 20, 660-669	3.9	14
129	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
128	Effects of post activation potentiation on electromechanical delay. <i>Clinical Biomechanics</i> , 2019 , 70, 115-122		
127	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
126	The comparison of Imagery ability in elite, sub-elite and non-elite swimmers. <i>Cuadernos De Psicologia Del Deporte</i> , 2019 , 19, 124-134	0.7	
125	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
124	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
123	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

122	Stability of pace and turn parameters of elite long-distance swimmers. <i>Human Movement Science</i> , 2019 , 63, 108-119	2.4	11
121	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
120	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
119	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
118	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
117	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
116	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
115	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
114	The acquisition of aquatic skills in preschool children: deep versus shallow water swimming lessons. <i>Motricidade</i> , 2018 , 14, 66	0	4
113	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	2.1	4
112	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
111	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
110	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
109	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
108	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
107	Validaõ da Subjective Vitality Scale e estudo da vitalidade nos idosos em funõ da sua atividade fõsica. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2017 , 19, 261	0.1	4
106	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
105	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

104	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
103	Comparison by computer fluid dynamics of the drag force acting upon two helmets for wheelchair racers 2017 ,		3
102	Determinants and Reasons for Dropout in Swimming -Systematic Review. <i>Sports</i> , 2017 , 5,	3	9
101	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
100	Influence of regular soccer or swimming practice on gross motor development in childhood. <i>Motricidade</i> , 2017 , 12, 33	0	4
99	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
98	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
97	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
96	Effects of swim training on energetic and performance in women masters's swimmers. <i>Journal of Human Sport and Exercise</i> , 2016 , 11,	1.5	3
95	Tradu e Valida do Movement Imagery Questionnaire  (MIQ - 3) com Atletas Portugueses. <i>Motricidade</i> , 2016 , 12, 149	0	6
94	CFD analysis of head and helmet aerodynamic drag to wheelchair racing 2016 ,		2
93	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
92	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
91	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
90	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
89	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
88	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
87	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

86	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
85	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
84	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
83	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
82	A Comparison of Experimental and Analytical Procedures to Measure Passive Drag in Human Swimming. <i>PLoS ONE</i> , 2015 , 10, e0130868	3.7	9
81	Relative Contribution of Arms and Legs in 30 s Fully Tethered Front Crawl Swimming. <i>BioMed Research International</i> , 2015 , 2015, 563206	3	27
80	The power output and sprinting performance of young swimmers. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 440-50	3.2	19
79	Quantification of upper limb kinetic asymmetries in front crawl swimming. <i>Human Movement Science</i> , 2015 , 40, 185-92	2.4	22
78	Warm-up and performance in competitive swimming. <i>Sports Medicine</i> , 2014 , 44, 319-30	10.6	53
77	Growth influences biomechanical profile of talented swimmers during the summer break. <i>Sports Biomechanics</i> , 2014 , 13, 62-74	2.2	17
76	Longitudinal modeling in sports: young swimmers' performance and biomechanics profile. <i>Human Movement Science</i> , 2014 , 37, 111-22	2.4	23
75	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
74	Young swimmers' classification based on kinematics, hydrodynamics, and anthropometrics. <i>Journal of Applied Biomechanics</i> , 2014 , 30, 310-5	1.2	7
73	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
72	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
71	Reliability of tethered swimming evaluation in age group swimmers. <i>Journal of Human Kinetics</i> , 2014 , 41, 155-62	2.6	10
70	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
69	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

68	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
67	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
66	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
65	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	
64	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
63	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
62	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
61	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
60	Effects of swim training on energetics and performance. <i>International Journal of Sports Medicine</i> , 2013 , 34, 507-13	3.6	11
59	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
58	The relative age effect among elite youth competitive swimmers. <i>European Journal of Sport Science</i> , 2013 , 13, 437-44	3.9	29
57	Wave characteristics in breaststroke technique with and without snorkel use. <i>Journal of Human Kinetics</i> , 2013 , 39, 185-94	2.6	5
56	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
55	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
54	Linking selected kinematic, anthropometric and hydrodynamic variables to young swimmer performance. <i>Pediatric Exercise Science</i> , 2012 , 24, 649-64	2	36
53	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
52	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
51	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

50	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
49	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
48	Deep and shallow water effects on developing preschoolers' aquatic skills. <i>Journal of Human Kinetics</i> , 2012 , 32, 211-9	2.6	4
47	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
46	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
45	Physical fitness differences between prepubescent boys and girls. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1756-66	3.2	34
44	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
43	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
42	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
41	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
40	Study of external air flow for an AURORA. <i>Aircraft Engineering and Aerospace Technology</i> , 2011 , 83, 255-265	3.6	1
39	Relationships between vertical jump strength metrics and 5 meters sprint time. <i>Journal of Human Kinetics</i> , 2011 , 29, 115-22	2.6	20
38	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
37	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
36	Three-dimensional CFD analysis of the hand and forearm in swimming. <i>Journal of Applied Biomechanics</i> , 2011 , 27, 74-80	1.2	16
35	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
34	Stability of elite freestyle performance from childhood to adulthood. <i>Journal of Sports Sciences</i> , 2011 , 29, 1183-9	3.6	37
33	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

32	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
31	The Effect of Warm-up on Tethered Front Crawl Swimming Forces. <i>Journal of Human Kinetics</i> , 2011 , 29A, 113-9	2.6	8
30	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
29	âAnaerobicâcritical velocity and swimming performance in young swimmers. <i>Journal of Human Sport and Exercise</i> , 2011 , 6, 80-86	1.5	2
28	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
27	Examining the accumulated oxygen deficit method in front crawl swimming. <i>International Journal of Sports Medicine</i> , 2010 , 31, 421-7	3.6	24
26	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
25	Swimming propulsion forces are enhanced by a small finger spread. <i>Journal of Applied Biomechanics</i> , 2010 , 26, 87-92	1.2	41
24	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
23	Modeling the links between young swimmers' performance: energetic and biomechanic profiles. <i>Pediatric Exercise Science</i> , 2010 , 22, 379-91	2	44
22	Examining the accumulated oxygen deficit method in breaststroke swimming. <i>European Journal of Applied Physiology</i> , 2010 , 109, 1129-35	3.4	12
21	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
20	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
19	Tracking the performance of world-ranked swimmers. <i>Journal of Sports Science and Medicine</i> , 2010 , 9, 411-7	2.7	22
18	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
17	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
16	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
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14	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
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10	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
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