Matteo Cortesi

List of Publications by Year in descending order

38 papers	589 citations	623734 14 h-index	642732 23 g-index
39 all docs	39 docs citations	39 times ranked	653 citing authors

#	Article	IF	Citations
1	A Comparison between Non-Localized Post-Activation Performance Enhancements Following Resistance Exercise for the Upper and the Lower Body. Applied Sciences (Switzerland), 2022, 12, 1639.	2.5	3
2	Shot Put: Which Role for Kinematic Analysis?. Applied Sciences (Switzerland), 2022, 12, 1699.	2.5	1
3	Integrated Timing of Stroking, Breathing, and Kicking in Front-Crawl Swimming: A Novel Stroke-by-Stroke Approach Using Wearable Inertial Sensors. Sensors, 2022, 22, 1419.	3.8	5
4	Arm-Stroke Descriptor Variability during 200-m Front Crawl Swimming. Sensors, 2021, 21, 324.	3.8	4
5	A Comparison between Male and Female Athletes in Relative Strength and Power Performances. Journal of Functional Morphology and Kinesiology, 2021, 6, 17.	2.4	35
6	Acute Effects of a High Volume vs. High Intensity Bench Press Protocol on Electromechanical Delay and Muscle Morphology in Recreationally Trained Women. International Journal of Environmental Research and Public Health, 2021, 18, 4874.	2.6	2
7	Relationships between Muscle Architecture and Performance in Division I Male Italian Field Hockey Players. Applied Sciences (Switzerland), 2021, 11, 4394.	2.5	3
8	Kinematic Analysis of the Racket Position during the Table Tennis Top Spin Forehand Stroke. Applied Sciences (Switzerland), 2021, 11, 5178.	2.5	3
9	The energy cost of swimming and its determinants. European Journal of Applied Physiology, 2020, 120, 41-66.	2.5	71
10	Effect of walking speed during gait in water of healthy elderly. Gait and Posture, 2020, 82, 6-13.	1.4	8
11	A Comparison between Elite Swimmers and Kayakers on Upper Body Push and Pull Strength and Power Performance. International Journal of Environmental Research and Public Health, 2020, 17, 8301.	2.6	0
12	Passive Drag in Young Swimmers: Effects of Body Composition, Morphology and Gliding Position. International Journal of Environmental Research and Public Health, 2020, 17, 2002.	2.6	24
13	Laboratory-based ergometry for swimmers: a systematic review. Journal of Sports Medicine and Physical Fitness, 2019, 59, 1503-1512.	0.7	2
14	Techniques and considerations for monitoring swimmersâ€™ passive drag. Journal of Sports Sciences, 2019, 37, 1168-1180.	2.0	12
15	Recovery Time Profiling After Short-, Middle- and Long-Distance Swimming Performance. Journal of Strength and Conditioning Research, 2019, 33, 1408-1415.	2.1	14
16	Physiological and Sport-Specific Comparison Between Division I and Division II Italian Male Field Hockey Players. Journal of Strength and Conditioning Research, 2019, 33, 3123-3128.	2.1	6
17	Effects of Intracyclic Velocity Variations on the Drag Exerted by Different Swimming Parachutes. Journal of Strength and Conditioning Research, 2019, 33, 531-537.	2.1	2
18	A Comparison Between The Recovery Responses Following an Eccentrically Loaded Bench Press Protocol Vs. Regular Loading in Highly Trained Men. Journal of Human Kinetics, 2019, 68, 59-67.	1.5	5

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19	Inertial Sensors in Swimming: Detection of Stroke Phases through 3D Wrist Trajectory. Journal of Sports Science and Medicine, 2019, 18, 438-447.	1.6	6
20	Mechanical power, thrust power and propelling efficiency: relationships with elite sprint swimming performance. Journal of Sports Sciences, 2018, 36, 506-512.	2.0	14
21	The Use of IMMUs in a Water Environment: Instrument Validation and Application of 3D Multi-Body Kinematic Analysis in Medicine and Sport. Sensors, 2017, 17, 927.	3.8	20
22	Assessment of three-dimensional joint kinematics of the upper limb during simulated swimming using wearable inertial-magnetic measurement units. Journal of Sports Sciences, 2016, 34, 1073-1080.	2.0	54
23	The Relationship between Power Generated by Thrust and Power to Overcome Drag in Elite Short Distance Swimmers. PLoS ONE, 2016, 11, e0162387.	2.5	18
24	Aquatic Therapy after Anterior Cruciate Ligament Surgery: A Case Study on Underwater Gait Analysis using Inertial and Magnetic Sensors. International Journal of Physical Therapy & Rehabilitation, 2016, 2, .	0.2	3
25	Effect of Swim Cap Surface Roughness on Passive Drag. Journal of Strength and Conditioning Research, 2015, 29, 3253-3259.	2.1	2
26	Effect of The Swimmerâ€™s Head Position on Passive Drag. Journal of Human Kinetics, 2015, 49, 37-45.	1.5	11
27	Planimetric frontal area in the four swimming strokes: Implications for drag, energetics and speed. Human Movement Science, 2015, 39, 41-54.	1.4	42
28	Path Linearity of Elite Swimmers in a 400 m Front Crawl Competition. Journal of Sports Science and Medicine, 2015, 14, 69-74.	1.6	1
29	Passive Drag Reduction Using Full-Body Swimsuits. Journal of Strength and Conditioning Research, 2014, 28, 3164-3171.	2.1	22
30	Motion analysis of front crawl swimming applying CAST technique by means of automatic tracking. Journal of Sports Sciences, 2013, 31, 276-287.	2.0	28
31	Effect of Swim Cap Model on Passive Drag. Journal of Strength and Conditioning Research, 2013, 27, 2904-2908.	2.1	17
32	Effectiveness of an automatic tracking software in underwater motion analysis. Journal of Sports Science and Medicine, 2013, 12, 660-7.	1.6	19
33	Power production of the lower limbs in flutter-kick swimming. Sports Biomechanics, 2012, 11, 480-491.	1.6	27
34	Estimation of the Anaerobic Threshold from Heart Rate Variability in an Incremental Swimming Test. Journal of Strength and Conditioning Research, 2012, 26, 3059-3066.	2.1	25
35	The determinants of performance in master swimmers: a cross-sectional study on the age-related changes in propelling efficiency, hydrodynamic position and energy cost of front crawl. European Journal of Applied Physiology, 2012, 112, 3949-3957.	2.5	19
36	Effects of distance specialization on the backstroke swimming kinematics. Journal of Sports Science and Medicine, 2012, 11, 526-32.	1.6	8

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37	Markerless analysis of front crawl swimming. Journal of Biomechanics, 2011, 44, 2236-2242.	2.1	51
38	The Assessment of Path Linearity in Swimming: A Pilot Study. International Journal of Sports Medicine, 2008, 29, 959-964.	1.7	2