Tomohiro Gonjo

List of Publications by Year
in descending order

28	280	1040056 9	1125743 13
papers	citations	h-index	g-index

28	28	28	141
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of exceeding stroke frequency of maximal effort on hand kinematics and hand propulsive force in front crawl. Sports Biomechanics, 2024, 23, 15-27.	1.6	29
2	Effect of torso morphology on maximum hydrodynamic resistance in front crawl swimming. Sports Biomechanics, 2023, 22, 982-996.	1.6	12
3	Differences in the rotational effect of buoyancy and trunk kinematics between front crawl and backstroke swimming. Sports Biomechanics, 2023, 22, 1590-1601.	1.6	2
4	How do swimmers control their front crawl swimming velocity? Current knowledge and gaps from hydrodynamic perspectives. Sports Biomechanics, 2023, 22, 1552-1571.	1.6	13
5	Kinematic and kinetic parameters to identify water polo playersâ€™ eggbeater kick techniques. Sports Biomechanics, 2023, 22, 1752-1763.	1.6	2
6	Front crawl body roll characteristics in a Paralympic medallist and national level swimmers with unilateral arm amputation. Sports Biomechanics, 2022, 21, 323-339.	1.6	2
7	Armâ€“leg coordination during the underwater pull-out sequence in the 50, 100 and 200â€¯m breaststroke start. Journal of Science and Medicine in Sport, 2022, 25, 95-100.	1.3	6
8	Do swimmers conform to criterion speed during pace-controlled swimming in a 25-m pool using a visual light pacer?. Sports Biomechanics, 2021, 20, 651-664.	1.6	6
9	Differences in limb coordination in polyrhythmic production among water polo players, artistic swimmers and drummers. Journal of Motor Behavior, 2021, 53, 191-199.	0.9	2
10	Body roll amplitude and timing in backstroke swimming and their differences from front crawl at the same swimming intensities. Scientific Reports, 2021, 11, 824.	3.3	6
11	The Relationship Between Selected Load-Velocity Profile Parameters and 50 m Front Crawl Swimming Performance. Frontiers in Physiology, 2021, 12, 625411.	2.8	7
12	Arm â€“ Leg coordination profiling during the dolphin kick and the arm pull-out in elite breaststrokers. Journal of Sports Sciences, 2021, 39, 2665-2673.	2.0	4
13	Differences between elite and sub-elite swimmers in a 100 m breaststroke: a new race analysis approach with time-series velocity data. Sports Biomechanics, 2021, , 1-12.	1.6	3
14	Race Analysis in Competitive Swimming: A Narrative Review. International Journal of Environmental Research and Public Health, 2021, 18, 69.	2.6	35
15	Upper body kinematic differences between maximum front crawl and backstroke swimming. Journal of Biomechanics, 2020, 98, 109452.	2.1	7
16	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. Frontiers in Bioengineering and Biotechnology, 2020, 8, 570657.	4.1	16
17	Reliability of Load-Velocity Profiling in Front Crawl Swimming. Frontiers in Physiology, 2020, 11, 574306.	2.8	8
18	Key Factors Related to Short Course 100 m Breaststroke Performance. International Journal of Environmental Research and Public Health, 2020, 17, 6257.	2.6	25

#	Article	IF	Citations
19	The effect of experience in movement coordination with music on polyrhythmic production: Comparison between artistic swimmers and water polo players during eggbeater kick performance. PLoS ONE, 2020, 15, e0238197.	2.5	0
20	Relationships between a Load-velocity Profile and Sprint Performance in Butterfly Swimming. International Journal of Sports Medicine, 2020, 41, 461-467.	1.7	18
21	Start and Turn Performances of Competitive Swimmers in Sprint Butterfly Swimming. Journal of Sports Science and Medicine, 2020, 19, 727-734.	1.6	3
22	A quasi three-dimensional visualization of unsteady wake flow in human undulatory swimming. Journal of Biomechanics, 2019, 93, 60-69.	2.1	23
23	Differences in kinematics and energy cost between front crawl and backstroke below the anaerobic threshold. European Journal of Applied Physiology, 2018, 118, 1107-1118.	2.5	19
24	A Wearable Sensor Suit for Measuring Inter-limb Coordination in Swimming. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2018, 2018, 2P2-F10.	0.0	0
25	Reliability of Three-Dimensional Angular Kinematics and Kinetics of Swimming Derived from Digitized Video. Journal of Sports Science and Medicine, 2016, 15, 158-66.	1.6	6
26	Reliability of the elliptical zone method of estimating body segment parameters of swimmers. Journal of Sports Science and Medicine, 2015, 14, 215-24.	1.6	10
27	Reliability of Three-Dimensional Linear Kinematics and Kinetics of Swimming Derived from Digitized Video at 25 and 50 Hz with 10 and 5 Frame Extensions to the 4(th) Order Butterworth Smoothing Window. Journal of Sports Science and Medicine, 2015, 14, 441-51.	1.6	11
28	50 m freestyle in 21, 22 and 23 s: What differentiates the speed curve of world-class and elite male swimmers?. International Journal of Performance Analysis in Sport, 0, , 1-11.	1.1	5