William M Bertucci

List of Publications by Year
in descending order

33 papers	629 citations	623734 14 h-index	610901 24 g-index
33 all docs	33 docs citations	33 times ranked	609 citing authors

#	Article	IF	Citations
1	Acute effects of small changes in antero-posterior shoe-cleat position on physiological and biomechanical variables in road cycling. Sports Biomechanics, 2023, 22, 510-521.	1.6	1
2	Intra-cycle analysis of muscle vibration during cycling. Sports Biomechanics, 2023, 22, 554-566.	1.6	1
3	Caveats and Recommendations to Assess the Validity and Reliability of Cycling Power Meters: A Systematic Scoping Review. Sensors, 2022, 22, 386.	3.8	7
4	Comparison of two static methods of saddle height adjustment for cyclists of different morphologies. Sports Biomechanics, 2021, 20, 391-406.	1.6	10
5	Physiological, biomechanical, and subjective effects of medio-lateral distance between the feet during pedalling for cyclists of different morphologies. Journal of Sports Sciences, 2021, 39, 768-776.	2.0	1
6	Effect of asymmetric crank arm lengths on performance-related variables in cyclists with an anatomical lower limb length discrepancy. Sports Engineering, 2020, 23, 1.	1.1	2
7	Effect of cycling shoe cleat position on biomechanical and physiological responses during cycling and subsequent running parts of a simulated Sprint triathlon: a pilot study. Journal of Science and Cycling, 2020, 9, 57-70.	0.2	4
8	A retrospective international study on factors associated with injury, discomfort and pain perception among cyclists. PLoS ONE, 2019, 14, e0211197.	2.5	18
9	The association of bike fitting with injury, comfort, and pain during cycling: An international retrospective survey. European Journal of Sport Science, 2019, 19, 842-849.	2.7	15
10	The categorization of amateur cyclists as research participants: findings from an observational study. Journal of Sports Sciences, 2018, 36, 2018-2024.	2.0	26
11	Analysis of muscular activity and dynamic response of the lower limb adding vibration to cycling. Journal of Sports Sciences, 2018, 36, 1465-1475.	2.0	13
12	Validity, Sensitivity, Reproducibility, and Robustness of the PowerTap, Stages, and Garmin Vector Power Meters in Comparison With the SRM Device. International Journal of Sports Physiology and Performance, 2017, 12, 1023-1030.	2.3	31
13	Acute Effects of Aerobic Exercise on Feelings of Energy in Relation to Age and Sex. Journal of Aging and Physical Activity, 2016, 24, 72-78.	1.0	5
14	Transmission of whole body vibration to the lower body in static and dynamic half-squat exercises. Sports Biomechanics, 2016, 15, 409-428.	1.6	34
15	Physiological and dynamic response to vibration in cycling: A feasibility study. Mechanics and Industry, 2015, 16, 503.	1.3	5
16	Relationships between facial temperature changes, endâ€exercise affect and duringâ€exercise changes in affect: A preliminary study. European Journal of Sport Science, 2015, 15, 161-166.	2.7	6
17	Do Changes in Tympanic Temperature Predict Changes in Affective Valence During High-Intensity Exercise?. Research Quarterly for Exercise and Sport, 2015, 86, 252-259.	1.4	1
18	Model of the risk assessment of hand-arm system vibrations in cycling: Case of cobblestone road. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2015, 229, 231-238.	0.7	5

#	Article	IF	Citations
19	Prediction of crank torque and pedal angle profiles during pedaling movements by biomechanical optimization. Structural and Multidisciplinary Optimization, 2015, 51, 251-266.	3.5	16
20	Optimisation of starting conditions in track cycling. Sport Sciences for Health, 2014, 10, 189-198.	1.3	13
21	Physical risk associated with vibration at cycling. Mechanics and Industry, 2014, 15, 535-540.	1.3	8
22	Evaluation of aerodynamic and rolling resistances in mountain-bike field conditions. Journal of Sports Sciences, 2013, 31, 1606-1613.	2.0	17
23	Handâ€“arm vibration in cycling. JVC/Journal of Vibration and Control, 2013, 19, 2551-2560.	2.6	27
24	Gross Efficiency and Cycling Economy Are Higher in the Field as Compared with on an Axiom Stationary Ergometer. Journal of Applied Biomechanics, 2012, 28, 636-644.	0.8	17
25	Interactive-Virtual Reality (IVR) Exercise: An Examination of In-Task and Pre-to-Post Exercise Affective Changes. Journal of Applied Sport Psychology, 2011, 23, 65-75.	2.3	25
26	Original characteristics of a new cycle ergometer. Sports Engineering, 2011, 13, 171-179.	1.1	8
27	Aerodynamic drag in cycling: methods of assessment. Sports Biomechanics, 2011, 10, 197-218.	1.6	91
28	Laboratory Testing and Field Performance in BMX Riders. Journal of Sports Science and Medicine, 2011, 10, 417-9.	1.6	13
29	Telic dominance influences affective response to a heavy-intensity 10-min treadmill running session. Journal of Sports Sciences, 2009, 27, 1059-1067.	2.0	14
30	Muscular activity during uphill cycling: Effect of slope, posture, hand grip position and constrained bicycle lateral sways. Journal of Electromyography and Kinesiology, 2008, 18, 116-127.	1.7	79
31	Validity and Reproducibility of the ErgomoÂ®Pro Power Meter Compared With the SRM and Powertap Power Meters. International Journal of Sports Physiology and Performance, 2007, 2, 270-281.	2.3	24
32	Laboratory versus Outdoor Cycling Conditions: Differences in Pedaling Biomechanics. Journal of Applied Biomechanics, 2007, 23, 87-92.	0.8	35
33	Effects on the crank torque profile when changing pedalling cadence in level ground and uphill road cycling. Journal of Biomechanics, 2005, 38, 1003-1010.	2.1	57