

David J Bentley

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,616
citations

361413

20
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Incremental Exercise Test Design and Analysis. <i>Sports Medicine</i> , 2007, 37, 575-586.	6.5	266
2	Specific Aspects of Contemporary Triathlon. <i>Sports Medicine</i> , 2002, 32, 345-359.	6.5	131
3	Cortical voluntary activation of the human knee extensors can be reliably estimated using transcranial magnetic stimulation. <i>Muscle and Nerve</i> , 2009, 39, 186-196.	2.2	108
4	Locomotor exercise induces long-lasting impairments in the capacity of the human motor cortex to voluntarily activate knee extensor muscles. <i>Journal of Applied Physiology</i> , 2009, 106, 556-565.	2.5	104
5	Muscle activation of the knee extensors following high intensity endurance exercise in cyclists. <i>European Journal of Applied Physiology</i> , 2000, 81, 297-302.	2.5	88
6	Musculoskeletal Lower Limb Injury Risk in Army Populations. <i>Sports Medicine - Open</i> , 2016, 2, 22.	3.1	88
7	Peak power output, the lactate threshold, and time trial performance in cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 2077-2081.	0.4	87
8	Pacing during an elite Olympic distance triathlon: Comparison between male and female competitors. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 424-432.	1.3	84
9	Effects of Hypoxic Interval Training on Cycling Performance. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 138-146.	0.4	78
10	Effects of intermittent hypoxic training on cycling performance in well-trained athletes. <i>European Journal of Applied Physiology</i> , 2007, 101, 359-368.	2.5	75
11	Maximising performance in triathlon: Applied physiological and nutritional aspects of elite and non-elite competitions. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 407-416.	1.3	65
12	Implications of Impaired Endurance Performance following Single Bouts of Resistance Training: An Alternate Concurrent Training Perspective. <i>Sports Medicine</i> , 2017, 47, 2187-2200.	6.5	59
13	Physiological characteristics of elite short- and long-distance triathletes. <i>European Journal of Applied Physiology</i> , 2003, 88, 427-430.	2.5	55
14	Effects of intermittent hypoxic training on amino and fatty acid oxidative combustion in human permeabilized muscle fibers. <i>Journal of Applied Physiology</i> , 2007, 102, 79-86.	2.5	47
15	Training Considerations for Optimising Endurance Development: An Alternate Concurrent Training Perspective. <i>Sports Medicine</i> , 2019, 49, 669-682.	6.5	41
16	The Effect of Antioxidant Supplementation on Fatigue during Exercise: Potential Role for NAD ⁺ (H). <i>Nutrients</i> , 2010, 2, 319-329.	4.1	30
17	The effect of endurance exercise on muscle force generating capacity of the lower limbs. <i>Journal of Science and Medicine in Sport</i> , 1998, 1, 179-188.	1.3	26
18	Acute Antioxidant Supplementation Improves Endurance Performance in Trained Athletes. <i>Research in Sports Medicine</i> , 2012, 20, 1-12.	1.3	26

#	ARTICLE	IF	CITATIONS
19	The effects of exercise intensity or drafting during swimming on subsequent cycling performance in triathletes. <i>Journal of Science and Medicine in Sport</i> , 2007, 10, 234-243.	1.3	25
20	Adrenergic- β 2 receptor polymorphism and athletic performance. <i>Journal of Human Genetics</i> , 2010, 55, 479-485.	2.3	23
21	Effects of Intermittent Training on Anaerobic Performance and MCT Transporters in Athletes. <i>PLoS ONE</i> , 2014, 9, e95092.	2.5	21
22	The Relationship Among Peak Power Output, Lactate Threshold, and Short-Distance Cycling Performance: Effects of Incremental Exercise Test Design. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 157.	2.1	18
23	The Isocapnic Buffering Phase and Mechanical Efficiency: Relationship to Cycle Time Trial Performance of Short and Long Duration. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005, 30, 46-60.	1.7	15
24	Sodium bicarbonate ingestion and individual variability in time-to-peak pH. <i>Research in Sports Medicine</i> , 2017, 25, 58-66.	1.3	15
25	The Relationships Between Science and Sport: Application in Triathlon. <i>International Journal of Sports Physiology and Performance</i> , 2007, 2, 315-322.	2.3	12
26	The relationship between monocarboxylate transporters 1 and 4 expression in skeletal muscle and endurance performance in athletes. <i>European Journal of Applied Physiology</i> , 2009, 106, 465-471.	2.5	10
27	Sprinting After Having Sprinted: Prior High-Intensity Stochastic Cycling Impairs the Winning Strike for Gold. <i>Frontiers in Physiology</i> , 2019, 10, 100.	2.8	8
28	Science and medicine of triathlon. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 361-362.	1.3	6
29	Reliability and Validity of a New Variable-Power Performance Test in Road Cyclists. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 278-284.	2.3	3
30	Reliability and validity of physiological data obtained within a cycle-run transition test in age-group triathletes. <i>Journal of Sports Science and Medicine</i> , 2012, 11, 736-44.	1.6	1
31	A Contemporary Variable-Power Cycling Protocol to Discriminate Race-Specific Performance Ability. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1309-1314.	2.3	0