Brian Carson

List of Publications by Year
in descending order

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54 papers	1,364 citations	430874 18 h-index	361022 35 g-index
58 all docs	58 docs citations	58 times ranked	2516 citing authors

#	Article	IF	Citations
1	The Influence of Sitting, Standing, and Stepping Bouts on Cardiometabolic Health Markers in Older Adults. Journal of Aging and Physical Activity, 2022, 30, 114-122.	1.0	3
2	The Acute Effects of Interrupting Prolonged Sitting Time in Adults with Standing and Light-Intensity Walking on Biomarkers of Cardiometabolic Health in Adults: A Systematic Review and Meta-analysis. Sports Medicine, 2022, 52, 1765-1787.	6.5	22
3	The Effect of Exercise Training Intensity on VO2max in Healthy Adults:â€‰An Overview of Systematic Reviews and Meta-Analyses. Translational Sports Medicine, 2022, 2022, 1-10.	1.1	2
4	Comparison of time-matched aerobic, resistance or combined exercise training in women living with obesity: a protocol for a pilot randomised controlled trialâ€”the EXOFFIT (Exercise for Obesity in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.0	0
5	Carbohydrate and Protein Co-Ingestion Postexercise Does Not Improve Next-Day Performance in Trained Cyclists. International Journal of Sport Nutrition and Exercise Metabolism, 2021, 31, 466-474.	2.1	2
6	A Fish-Derived Protein Hydrolysate Induces Postprandial Aminoacidaemia and Skeletal Muscle Anabolism in an In Vitro Cell Model Using Ex Vivo Human Serum. Nutrients, 2021, 13, 647.	4.1	6
7	The Influence of Different Physical Activity Behaviours on the Gut Microbiota of Older Irish Adults. Journal of Nutrition, Health and Aging, 2021, 25, 854-861.	3.3	9
8	Development of a multiplex assay to determine the expression of mitochondrial genes in human skeletal muscle. Experimental Physiology, 2021, 106, 1659-1670.	2.0	2
9	The Influence of Maximal Strength and Knee Angle on the Reliability of Peak Force in the Isometric Squat. Sports, 2021, 9, 140.	1.7	6
10	Divergent serum metabolomic, skeletal muscle signaling, transcriptomic, and performance adaptations to fasted versus whey protein-fed sprint interval training. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E802-E820.	3.5	6
11	Participatory approaches in the context of research into workplace health promotion to improve physical activity levels and reduce sedentary behaviour among office-based workers: protocol for a scoping review. BMJ Open, 2021, 11, e054402.	1.9	2
12	The Potential Role of Fish-Derived Protein Hydrolysates on Metabolic Health, Skeletal Muscle Mass and Function in Ageing. Nutrients, 2020, 12, 2434.	4.1	22
13	Sprint interval training in young adult males with & without elevated worry. Mental Health and Physical Activity, 2020, 18, 100328.	1.8	2
14	Physical activity achievements of Irish children with disabilities during an adapted physical activity programme. Irish Educational Studies, 2020, 39, 297-317.	2.5	1
15	The Effect of Whey Protein Supplementation on Myofibrillar Protein Synthesis and Performance Recovery in Resistance-Trained Men. Nutrients, 2020, 12, 845.	4.1	7
16	Use of Compositional Data Analysis to Show Estimated Changes in Cardiometabolic Health by Reallocating Time to Light-Intensity Physical Activity in Older Adults. Sports Medicine, 2020, 50, 205-217.	6.5	28
17	Differential Stimulation of Post-Exercise Myofibrillar Protein Synthesis in Humans Following Isonitrogenous, Isocaloric Pre-Exercise Feeding. Nutrients, 2019, 11, 1657.	4.1	15
18	Regulation of GLUT4 translocation in anin vitrocell model using postprandial human serumex vivo. Experimental Physiology, 2019, 104, 800-807.	2.0	6

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19	Sexâ€related differences in jointâ€angleâ€specific hamstringâ€toâ€quadriceps function following fatigue. European Journal of Sport Science, 2019, 19, 1053-1061.	2.7	11
20	A cell-based evaluation of a non-essential amino acid formulation as a non-bioactive control for activation and stimulation of muscle protein synthesis using ex vivo human serum. PLoS ONE, 2019, 14, e0220757.	2.5	8
21	State Anxiety and Worry Responses to a Single Sprint Before and After Sprint Interval Training. Medicine and Science in Sports and Exercise, 2019, 51, 308-309.	0.4	0
22	Inter-Individual Adaptive Responses to Sprint Interval Training in Recreationally Active Males. Medicine and Science in Sports and Exercise, 2019, 51, 188-188.	0.4	0
23	Regulation of muscle protein synthesis in an in vitro cell model using ex vivo human serum. Experimental Physiology, 2018, 103, 783-789.	2.0	16
24	Effects of fasted vs fedâ€state exercise on performance and postâ€exercise metabolism: A systematic review and metaâ€analysis. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1476-1493.	2.9	66
25	Muscular contraction frequency does not affect plasma homocysteine concentration in response to energy expenditure- and intensity-matched acute exercise in sedentary males. Applied Physiology, Nutrition and Metabolism, 2018, 43, 107-112.	1.9	3
26	Sex Differences in the Temporal Recovery of Neuromuscular Function Following Resistance Training in Resistance Trained Men and Women 18 to 35 Years. Frontiers in Physiology, 2018, 9, 1480.	2.8	18
27	Acute reduction of lowerâ€body contractile function following a microbiopsy of m.Âvastus lateralis. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2638-2642.	2.9	4
28	The Effect of Whey Protein Supplementation on the Temporal Recovery of Muscle Function Following Resistance Training: A Systematic Review and Meta-Analysis. Nutrients, 2018, 10, 221.	4.1	68
29	The Effect of Whey Protein Supplementation on the Recovery of Contractile Function following Resistance Training. Medicine and Science in Sports and Exercise, 2018, 50, 839.	0.4	0
30	The crossâ€sectional associations between objectively measured sedentary time and cardiometabolic health markers in adults â€“ a systematic review with metaâ€analysis component. Obesity Reviews, 2018, 19, 381-395.	6.5	46
31	PL - 033 A translational model of muscle protein synthetic bioactivity in vitro, ex vivo and in vivo. Exercise Biochemistry Review, 2018, 1, .	0.0	1
32	Sex-related differences in joint-angle-specific functional hamstring-to-quadriceps strength ratios. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 949-957.	4.2	33
33	The Effect of Strength Training on Performance Indicators in Distance Runners. Journal of Strength and Conditioning Research, 2017, 31, 9-23.	2.1	49
34	Simultaneous validation of five activity monitors for use in adult populations. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 1881-1892.	2.9	30
35	The Effect of Maximal- and Explosive-Strength Training on Performance Indicators in Cyclists. International Journal of Sports Physiology and Performance, 2017, 12, 470-480.	2.3	21
36	The Relationship Between Maximal Strength and Reactive Strength. International Journal of Sports Physiology and Performance, 2017, 12, 548-553.	2.3	49

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37	The Potential Role of Contraction-Induced Myokines in the Regulation of Metabolic Function for the Prevention and Treatment of Type 2 Diabetes. Frontiers in Endocrinology, 2017, 8, 97.	3.5	67
38	Psychological Antecedents and Consequences of Maximal Fitness Testing Among Firefighters. Medicine and Science in Sports and Exercise, 2017, 49, 855.	0.4	0
39	The accuracy of the SenseWear Pro3 and the activPAL3 Micro devices for measurement of energy expenditure. Physiological Measurement, 2016, 37, 1715-1727.	2.1	14
40	Optimization of an inÂvitro bioassay to monitor growth and formation of myotubes in real time. Bioscience Reports, 2016, 36, .	2.4	18
41	Accuracy Of Energy Expenditure Measurement Using The Sensewear Pro3 And The Activpal3 Micro Devices. Medicine and Science in Sports and Exercise, 2016, 48, 810-811.	0.4	0
42	The impact of making-weight on cognitive performance in apprentice jockeys. Journal of Sports Sciences, 2015, 33, 1589-1595.	2.0	8
43	An in vivo microdialysis characterization of the transient changes in the interstitial dialysate concentration of metabolites and cytokines in human skeletal muscle in response to insertion of a microdialysis probe. Cytokine, 2015, 71, 327-333.	3.2	18
44	The Effect of Strength Training on Performance in Endurance Athletes. Sports Medicine, 2014, 44, 845-865.	6.5	139
45	A Preliminary Investigation Into The Effect Of Exercise On Metabolic Flexibility Using A Novel Methodology. Medicine and Science in Sports and Exercise, 2014, 46, 157.	0.4	0
46	The Rab11 Effector Protein FIP1 Regulates Adiponectin Trafficking and Secretion. PLoS ONE, 2013, 8, e74687.	2.5	23
47	Insulin Signaling Regulates Fatty Acid Catabolism at the Level of CoA Activation. PLoS Genetics, 2012, 8, e1002478.	3.5	93
48	Lipoprotein particle distribution and skeletal muscle lipoprotein lipase activity after acute exercise. Lipids in Health and Disease, 2012, 11, 64.	3.0	29
49	Exercise intensity-dependent regulation of peroxisome proliferator-activated receptor Î³ coactivator-1Î± mRNA abundance is associated with differential activation of upstream signalling kinases in human skeletal muscle. Journal of Physiology, 2010, 588, 1779-1790.	2.9	305
50	Influence of acute exercise with and without carbohydrate replacement on postprandial lipid metabolism. Journal of Applied Physiology, 2009, 106, 943-949.	2.5	61
51	Influence Of Acute Exercise With And Without Glycogen Repletion On Postprandial Metabolism. Medicine and Science in Sports and Exercise, 2008, 40, S56.	0.4	0
52	Body Sensor Network based on Soft Polymer Sensors and Wireless Communications. Journal of Communications, 2007, 2, .	1.6	11
53	Hemoglobin Desaturation and Capillary Blood Flow Dynamics in Humans During Exercise. Medicine and Science in Sports and Exercise, 2006, 38, 78.	0.4	0
54	Combining wireless with wearable technology for the development of on-body networks. , 0, , .		12