

Jamie Whitfield

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

867
citations

516710

16
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1410
citing authors

#	ARTICLE	IF	CITATIONS
1	Omega-3 supplementation alters mitochondrial membrane composition and respiration kinetics in human skeletal muscle. <i>Journal of Physiology</i> , 2014, 592, 1341-1352.	2.9	141
2	Beetroot Juice Supplementation Does Not Improve Performance of Elite 1500-m Runners. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 2326-2334.	0.4	113
3	Beetroot juice supplementation reduces whole body oxygen consumption but does not improve indices of mitochondrial efficiency in human skeletal muscle. <i>Journal of Physiology</i> , 2016, 594, 421-435.	2.9	87
4	Taurine and skeletal muscle function. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015, 18, 96-101.	2.5	66
5	Beetroot Juice Increases Human Muscle Force without Changing Ca ²⁺ -Handling Proteins. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2016-2024.	0.4	59
6	Interactive Roles for AMPK and Glycogen from Cellular Energy Sensing to Exercise Metabolism. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3344.	4.1	57
7	Adaptation to a low carbohydrate high fat diet is rapid but impairs endurance exercise metabolism and performance despite enhanced glycogen availability. <i>Journal of Physiology</i> , 2021, 599, 771-790.	2.9	56
8	Ablating the protein TBC1D1 impairs contraction-induced sarcolemmal glucose transporter 4 redistribution but not insulin-mediated responses in rats. <i>Journal of Biological Chemistry</i> , 2017, 292, 16653-16664.	3.4	49
9	Glucagon receptor knockout mice are protected against acute olanzapine-induced hyperglycemia. <i>Psychoneuroendocrinology</i> , 2017, 82, 38-45.	2.7	28
10	Contemporary Nutrition Interventions to Optimize Performance in Middle-Distance Runners. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019, 29, 106-116.	2.1	28
11	Variable effects of 12 weeks of omega-3 supplementation on resting skeletal muscle metabolism. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 1083-1091.	1.9	27
12	Six Days of Low Carbohydrate, Not Energy Availability, Alters the Iron and Immune Response to Exercise in Elite Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 377-387.	0.4	23
13	Genetic loss of AMPK-glycogen binding destabilises AMPK and disrupts metabolism. <i>Molecular Metabolism</i> , 2020, 41, 101048.	6.5	22
14	Acute Ketogenic Diet and Ketone Ester Supplementation Impairs Race Walk Performance. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 776-784.	0.4	20
15	Linolenic acid and exercise training independently, and additively, decrease blood pressure and prevent diastolic dysfunction in obese Zucker rats. <i>Journal of Physiology</i> , 2017, 595, 4351-4364.	2.9	19
16	Activation of AMPK is Not Required for Mitochondrial FAT/CD36 Accumulation during Exercise. <i>PLoS ONE</i> , 2015, 10, e0126122.	2.5	17
17	Omega-3 Polyunsaturated Fatty Acids Mitigate Palmitate-Induced Impairments in Skeletal Muscle Cell Viability and Differentiation. <i>Frontiers in Physiology</i> , 2020, 11, 563.	2.8	15
18	Estimated Sweat Loss, Fluid and Carbohydrate Intake, and Sodium Balance of Male Major Junior, AHL, and NHL Players During On-Ice Practices. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019, 29, 612-619.	2.1	7

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19	Neither Beetroot Juice Supplementation nor Increased Carbohydrate Oxidation Enhance Economy of Prolonged Exercise in Elite Race Walkers. <i>Nutrients</i> , 2021, 13, 2767.	4.1	7
20	Mice with Whole-Body Disruption of AMPK-Glycogen Binding Have Increased Adiposity, Reduced Fat Oxidation and Altered Tissue Glycogen Dynamics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9616.	4.1	7
21	Exploring the mechanisms by which nitrate supplementation improves skeletal muscle contractile function: one fibre at a time. <i>Journal of Physiology</i> , 2020, 598, 25-27.	2.9	6
22	Chronic pantothenic acid supplementation does not affect muscle coenzyme A content or cycling performance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 280-283.	1.9	4
23	Sustained Exposure to High Carbohydrate Availability Does Not Influence Iron-Regulatory Responses in Elite Endurance Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2021, 31, 101-108.	2.1	4
24	Myofibre Hypertrophy in the Absence of Changes to Satellite Cell Content Following Concurrent Exercise Training in Young Healthy Men. <i>Frontiers in Physiology</i> , 2021, 12, 625044.	2.8	3
25	Disrupting AMPK-Glycogen Binding in Mice Increases Carbohydrate Utilization and Reduces Exercise Capacity. <i>Frontiers in Physiology</i> , 2022, 13, 859246.	2.8	2
26	Response. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 875.	0.4	0