Samuel J Oliver

List of Publications by Year
in descending order

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Version: 2024-02-01

57 papers	2,043 citations	279798 23 h-index	243625 44 g-index
58 all docs	58 docs citations	58 times ranked	2724 citing authors

#	Article	IF	Citations
1	The 2018 Lake Louise Acute Mountain Sickness Score. High Altitude Medicine and Biology, 2018, 19, 4-6.	0.9	324
2	Position statement. Part two: Maintaining immune health. Exercise Immunology Review, 2011, 17, 64-103.	0.4	253
3	One night of sleep deprivation decreases treadmill endurance performance. European Journal of Applied Physiology, 2009, 107, 155-161.	2.5	147
4	Saliva Parameters as Potential Indices of Hydration Status during Acute Dehydration. Medicine and Science in Sports and Exercise, 2004, 36, 1535-1542.	0.4	119
5	Is This Elderly Patient Dehydrated? Diagnostic Accuracy of Hydration Assessment Using Physical Signs, Urine, and Saliva Markers. Journal of the American Medical Directors Association, 2015, 16, 221-228.	2.5	115
6	Exercise, immune function and respiratory infection: An update on the influence of training and environmental stress. Immunology and Cell Biology, 2016, 94, 132-139.	2.3	88
7	A randomized trial to assess the potential of different beverages to affect hydration status: development of a beverage hydration index. American Journal of Clinical Nutrition, 2016, 103, 717-723.	4.7	87
8	Influence of Timing of Postexercise Carbohydrate-Protein Ingestion on Selected Immune Indices. International Journal of Sport Nutrition and Exercise Metabolism, 2009, 19, 366-384.	2.1	56
9	Influence of fluid intake on soccer performance in a temperate environment. Journal of Sports Sciences, 2013, 31, 1-10.	2.0	54
10	Normobaric hypoxia and symptoms of acute mountain sickness: Elevated brain volume and intracranial hypertension. Annals of Neurology, 2014, 75, 890-898.	5.3	50
11	Influence of Vitamin D Supplementation by Sunlight or Oral D3 on Exercise Performance. Medicine and Science in Sports and Exercise, 2018, 50, 2555-2564.	0.4	47
12	Baroreflex control of sympathetic vasomotor activity and resting arterial pressure at high altitude: insight from Lowlanders and Sherpa. Journal of Physiology, 2019, 597, 2379-2390.	2.9	44
13	Salivary immunoglobulin A response at rest and after exercise following a 48Âh period of fluid and/or energy restriction. British Journal of Nutrition, 2007, 97, 1109-1116.	2.3	43
14	Unexpected reductions in regional cerebral perfusion during prolonged hypoxia. Journal of Physiology, 2017, 595, 935-947.	2.9	42
15	Saliva indices track hypohydration during 48h of fluid restriction or combined fluid and energy restriction. Archives of Oral Biology, 2008, 53, 975-980.	1.8	39
16	Body composition at high altitude: a randomized placebo-controlled trial of dietary carbohydrate supplementation. American Journal of Clinical Nutrition, 2009, 90, 1193-1202.	4.7	39
17	The influence of an afternoon nap on the endurance performance of trained runners. European Journal of Sport Science, 2018, 18, 1177-1184.	2.7	38
18	Endurance Running Performance after 48 h of Restricted Fluid and/or Energy Intake. Medicine and Science in Sports and Exercise, 2007, 39, 316-322.	0.4	32

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19	Physiological and Psychological Illness Symptoms at High Altitude and Their Relationship With Acute Mountain Sickness: A Prospective Cohort Study. Journal of Travel Medicine, 2012, 19, 210-219.	3.0	30
20	Increased Risk of Upper Respiratory Infection in Military Recruits Who Report Sleeping Less Than 6 h per night. Military Medicine, 2018, 183, e699-e704.	0.8	28
21	Vitamin D and the hepatitis B vaccine response: a prospective cohort study and a randomized, placebo-controlled oral vitamin D3 and simulated sunlight supplementation trial in healthy adults. European Journal of Nutrition, 2021, 60, 475-491.	3.9	28
22	No effect of a 30-h period of sleep deprivation on leukocyte trafficking, neutrophil degranulation and saliva IgA responses to exercise. European Journal of Applied Physiology, 2009, 105, 499-504.	2.5	26
23	The effects of two nights of sleep deprivation with or without energy restriction on immune indices at rest and in response to cold exposure. European Journal of Applied Physiology, 2010, 109, 417-428.	2.5	26
24	Optic Nerve Sheath Diameter Is Not Related to High Altitude Headache: A Randomized Controlled Trial. High Altitude Medicine and Biology, 2012, 13, 193-199.	0.9	25
25	Dietary nitrate supplementation increases acute mountain sickness severity and sense of effort during hypoxic exercise. Journal of Applied Physiology, 2017, 123, 983-992.	2.5	24
26	Investigation of Whole-Brain White Matter Identifies Altered Water Mobility in the Pathogenesis of High-Altitude Headache. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1286-1294.	4.3	20
27	High Altitude Impairs In Vivo Immunity in Humans. High Altitude Medicine and Biology, 2013, 14, 144-149.	0.9	18
28	Evidence for a physiological role of pulmonary arterial baroreceptors in sympathetic neural activation in healthy humans. Journal of Physiology, 2020, 598, 955-965.	2.9	18
29	Reversal of neurovascular coupling in the default mode network: Evidence from hypoxia. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 805-818.	4.3	18
30	Prolonged (9Âh) poikilocapnic hypoxia (12% O₂) augments cutaneous thermal hyperaemia in healthy humans. Experimental Physiology, 2014, 99, 909-920.	2.0	17
31	Sucrose and Sodium but not Caffeine Content Influence the Retention of Beverages in Humans Under Euhydrated Conditions. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 51-60.	2.1	15
32	Carbohydrate Supplementation and Exercise Performance at High Altitude: A Randomized Controlled Trial. High Altitude Medicine and Biology, 2012, 13, 22-31.	0.9	13
33	Global REACH 2018: Andean highlanders, chronic mountain sickness and the integrative regulation of resting blood pressure. Experimental Physiology, 2021, 106, 104-116.	2.0	12
34	Portable Prehospital Methods to Treat Near-Hypothermic Shivering Cold Casualties. Wilderness and Environmental Medicine, 2016, 27, 125-130.	0.9	11
35	Integrative crosstalk between hypoxia and the cold: Old data and new opportunities. Experimental Physiology, 2021, 106, 350-358.	2.0	10
36	Influence of Vitamin D Supplementation by Simulated Sunlight or Oral D3 on Respiratory Infection during Military Training. Medicine and Science in Sports and Exercise, 2021, 53, 1505-1516.	0.4	10

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37	Two nights of sleep deprivation with or without energy restriction does not impair the thermal response to cold. European Journal of Applied Physiology, 2015, 115, 2059-2068.	2.5	9
38	Anxiety and motor performance: More evidence for the effectiveness of holistic process goals as a solution to the process goal paradox. Psychology of Sport and Exercise, 2016, 27, 142-149.	2.1	9
39	Hydration Marker Diagnostic Accuracy to Identify Mild Intracellular and Extracellular Dehydration. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 604-611.	2.1	8
40	Lets go surfing now, everybody's learning how; attentional strategies on expert and novice surfing performance under both practice and competition conditions. European Journal of Sport Science, 2020, 20, 229-239.	2.7	8
41	Dietary nitrate supplementation effect on dynamic cerebral autoregulation in normoxia and acute hypoxia. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 486-494.	4.3	8
42	Neutrophil-Degranulation and Lymphocyte-Subset Response after 48 hr of Fluid and/or Energy Restriction. International Journal of Sport Nutrition and Exercise Metabolism, 2008, 18, 443-456.	2.1	6
43	MEDEX2015: Greater Sea-Level Fitness Is Associated with Lower Sense of Effort During Himalayan Trekking Without Worse Acute Mountain Sickness. High Altitude Medicine and Biology, 2017, 18, 152-162.	0.9	6
44	Bilateral regional extracranial blood flow regulation to hypoxia and unilateral duplex ultrasound measurement error. Experimental Physiology, 2021, 106, 1535-1548.	2.0	4
45	The deleterious effects of acute hypoxia on microvascular and large vessel endothelial function. Experimental Physiology, 2021, 106, 1699-1709.	2.0	4
46	The influence of short-term high-altitude acclimatization on cerebral and leg tissue oxygenation post-orthostasis. European Journal of Applied Physiology, 2021, 121, 3095-3102.	2.5	3
47	The role of dietary nitrate supplementation in neurovascular function. Neural Regeneration Research, 2021, 16, 1419.	3.0	2
48	Hypoxia alters posterior cingulate cortex metabolism during a memory task: A 1H fMRS study. NeuroImage, 2022, 260, 119397.	4.2	2
49	Development of a hydration index: a randomized trial to assess the potential of different beverages to affect hydration status. Nutricion Hospitalaria, 2015, 32 Suppl 2, 10264.	0.3	1
50	RE: LUTEINIZING HORMONE-RELEASING HORMONE AGONIST EFFECTS ON SKELETAL MUSCLE: HOW HORMONAL THERAPY IN PROSTATE CANCER AFFECTS MUSCULAR STRENGTH. Journal of Urology, 2005, 174, 2068-2069.	0.4	0
51	Effect Of Hypoxia On The Thermoregulatory Responses To Cold. Medicine and Science in Sports and Exercise, 2011, 43, 333.	0.4	0
52	Response to the Letter to the Editor by Aaron Spital, â€œIs This Elderly Patient Dehydrated? Diagnostic Accuracy of Hydration Assessment Using Physical Signs, Urine, and Saliva Markersâ€• Journal of the American Medical Directors Association, 2015, 16, 709.	2.5	0
53	Military Recruits Who Typically Sleep <6 Hours Miss Training Due To Upper Respiratory Infection. Medicine and Science in Sports and Exercise, 2017, 49, 460.	0.4	0
54	New Salivary Markers of Hydration Compare Favorably with Plasma and Urine Osmolality During Acute Dehydration. Medicine and Science in Sports and Exercise, 2004, 36, S239.	0.4	0

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55	Saliva Indices Track Hypohydration During 48 Hours of Fluid or Combined Fluid and Calorie Restriction. Medicine and Science in Sports and Exercise, 2006, 38, S219-S220.	0.4	0
56	Associations Between Vitamin D and Tibial Density and Trabecular Microarchitecture in Army Infantry Recruits. Medicine and Science in Sports and Exercise, 2017, 49, 395.	0.4	0
57	Vitamin D insufficiency and elevated vitamin D metabolite ratios (VMR) are associated with increased risk of injuries: Results from the british army lower limb injury prevention (ALLIP) study. Endocrine Abstracts, 0, , .	0.0	0