

Coen C W G Bongers

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

850
citations

687363

13
h-index

526287

27
g-index

50
all docs

50
docs citations

50
times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive multivariate evaluation of the effects on cell phenotypes in multicolor flow cytometry data using ANOVA simultaneous component analysis. <i>Journal of Chemometrics</i> , 2023, 37, .	1.3	0
2	RYR1-Related Rhabdomyolysis: A Spectrum of Hypermetabolic States Due to Ryanodine Receptor Dysfunction. <i>Current Pharmaceutical Design</i> , 2022, 28, 2-14.	1.9	11
3	Cooling vests alleviate perceptual heat strain perceived by COVID-19 nurses. <i>Temperature</i> , 2022, 9, 103-113.	3.0	16
4	Impact of thermal sensation on exercise performance in the heat: a Thermo Tokyo sub-study. <i>European Journal of Applied Physiology</i> , 2022, 122, 437-446.	2.5	1
5	Heat Strain and Use of Heat Mitigation Strategies among COVID-19 Healthcare Workers Wearing Personal Protective Equipment—A Retrospective Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1905.	2.6	12
6	Exercise-induced cardiac troponin T release in veteran athletes recovered from COVID-19. <i>European Journal of Preventive Cardiology</i> , 2022, , .	1.8	0
7	Non-Invasive Monitoring of Inflammation in Inflammatory Bowel Disease Patients during Prolonged Exercise via Exhaled Breath Volatile Organic Compounds. <i>Metabolites</i> , 2022, 12, 224.	2.9	8
8	The potential for indoor fans to change air conditioning use while maintaining human thermal comfort during hot weather: an analysis of energy demand and associated greenhouse gas emissions. <i>Lancet Planetary Health</i> , The, 2022, 6, e301-e309.	11.4	27
9	Infographic. Keep it cool and beat the heat: cooling strategies for exercise in hot and humid conditions. <i>British Journal of Sports Medicine</i> , 2021, 55, 643-644.	6.7	9
10	Infographic. Cooling strategies to attenuate PPE-induced heat strain during the COVID-19 pandemic. <i>British Journal of Sports Medicine</i> , 2021, 55, 69-70.	6.7	16
11	Repeated prolonged moderate-intensity walking exercise does not appear to have harmful effects on inflammatory markers in patients with inflammatory bowel disease. <i>Scandinavian Journal of Gastroenterology</i> , 2021, 56, 30-37.	1.5	13
12	Analysis of human neutrophil phenotypes as biomarker to monitor exercise-induced immune changes. <i>Journal of Leukocyte Biology</i> , 2021, 109, 833-842.	3.3	9
13	Refractory neutrophils and monocytes in patients with inflammatory bowel disease after repeated bouts of prolonged exercise. <i>Cytometry Part B - Clinical Cytometry</i> , 2021, 100, 676-682.	1.5	6
14	Exhaled Breath Reflects Prolonged Exercise and Statin Use during a Field Campaign. <i>Metabolites</i> , 2021, 11, 192.	2.9	8
15	Performance and thermoregulation of Dutch Olympic and Paralympic athletes exercising in the heat: Rationale and design of the Thermo Tokyo study: The journal<i>Temperature</i> toolbox. <i>Temperature</i> , 2021, 8, 209-222.	3.0	8
16	Increasing Nitrate-Rich Vegetable Intake Lowers Ambulatory Blood Pressure in (pre)Hypertensive Middle-Aged and Older Adults: A 12-Wk Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2021, 151, 2667-2679.	2.9	6
17	Beat the heat: How to become a gold medalist at the Tokyo Olympics. <i>Temperature</i> , 2021, 8, 203-205.	3.0	5
18	Exercise Performance and Thermoregulatory Responses of Elite Athletes Exercising in the Heat: Outcomes of the Thermo Tokyo Study. <i>Sports Medicine</i> , 2021, 51, 2423-2436.	6.5	17

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19	Comment on “Overlapping Mechanisms of Exertional Heat Stroke and Malignant Hyperthermia: Evidence vs. Conjecture”. Sports Medicine, 2021, , 1.	6.5	2
20	Developing a geospatial measure of change in core temperature for migrating persons in the Mexico-U.S. border region. Spatial and Spatio-temporal Epidemiology, 2020, 35, 100363.	1.7	6
21	Reply to Chapman et al.. Journal of Applied Physiology, 2020, 129, 162-162.	2.5	0
22	The effects of physical exercise on the assessment of kidney function. Journal of Applied Physiology, 2020, 128, 1459-1460.	2.5	6
23	The Impact of Protein Supplementation on Exercise-Induced Muscle Damage, Soreness and Fatigue Following Prolonged Walking Exercise in Vital Older Adults: A Randomized Double-Blind Placebo-Controlled Trial. Nutrients, 2020, 12, 1806.	4.1	5
24	Effectiveness of collagen supplementation on pain scores in healthy individuals with self-reported knee pain: a randomized controlled trial. Applied Physiology, Nutrition and Metabolism, 2020, 45, 793-800.	1.9	7
25	Core Temperature and Sweating in Men and Women During a 15-km Race in Cool Conditions. International Journal of Sports Physiology and Performance, 2020, 15, 1132-1137.	2.3	3
26	Red Blood Cell Aging as a Homeostatic Response to Exercise-Induced Stress. Applied Sciences (Switzerland), 2019, 9, 4827.	2.5	3
27	Ionized and Total Magnesium Levels Change during Repeated Exercise in Older Adults. Journal of Nutrition, Health and Aging, 2019, 23, 595-601.	3.3	2
28	Protein supplementation improves lean body mass in physically active older adults: a randomized placebo-controlled trial. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 298-310.	7.3	61
29	The Biophysics of Human Heat Exchange. , 2019, , 29-43.		4
30	Thermoregulatory, metabolic, and cardiovascular responses during 88Âmin of full-body ice immersion “ A case study. Physiological Reports, 2019, 7, e14304.	1.7	3
31	Cytokine responses to repeated, prolonged walking in lean versus overweight/obese individuals. Journal of Science and Medicine in Sport, 2019, 22, 196-200.	1.3	12
32	Thermoregulatory burden of elite sailing athletes during exercise in the heat: A pilot study. Temperature, 2019, 6, 66-76.	3.0	6
33	Comparison of two telemetric intestinal temperature devices with rectal temperature during exercise. Physiological Measurement, 2018, 39, 03NT01.	2.1	12
34	Time-motion analysis in the big data era: A promising method to assess the effects of heat stress on physical performance. Temperature, 2018, 5, 197-198.	3.0	3
35	Validity and reliability of the myTemp ingestible temperature capsule. Journal of Science and Medicine in Sport, 2018, 21, 322-326.	1.3	16
36	Validity, Reliability, and Inertia of Four Different Temperature Capsule Systems. Medicine and Science in Sports and Exercise, 2018, 50, 169-175.	0.4	71

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37	Real-Time Observations of Food and Fluid Timing During a 120 km Ultramarathon. <i>Frontiers in Nutrition</i> , 2018, 5, 32.	3.7	18
38	Impact of acute<i>versus</i>prolonged exercise and dehydration on kidney function and injury. <i>Physiological Reports</i> , 2018, 6, e13734.	1.7	56
39	Cooling interventions for athletes: An overview of effectiveness, physiological mechanisms, and practical considerations. <i>Temperature</i> , 2017, 4, 60-78.	3.0	142
40	The Impact of Central and Peripheral Cyclooxygenase Enzyme Inhibition on Exercise-Induced Elevations in Core Body Temperature. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 662-667.	2.3	6
41	Impact of acute versus repetitive moderate intensity endurance exercise on kidney injury markers. <i>Physiological Reports</i> , 2017, 5, e13544.	1.7	19
42	Impact of Moderate Intensity Endurance Exercise on Kidney Injury. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 663.	0.4	0
43	Effects of Cooling During Exercise on Thermoregulatory Responses of Men With Paraplegia. <i>Physical Therapy</i> , 2016, 96, 650-658.	2.4	23
44	The Effect Of An Active Versus Inactive Lifestyle On Renal Response To Exercise-induced Dehydration. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 616-617.	0.4	0
45	Using an Ingestible Telemetric Temperature Pill to Assess Gastrointestinal Temperature During Exercise. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	10
46	Precooling and percooling (cooling during exercise) both improve performance in the heat: a meta-analytical review. <i>British Journal of Sports Medicine</i> , 2015, 49, 377-384.	6.7	149
47	Cooling during Exercise in Temperate Conditions: Impact on Performance and Thermoregulation. <i>International Journal of Sports Medicine</i> , 2014, 35, 840-846.	1.7	28
48	Thermoregulation and fluid balance during a 30-km march in 60- versus 80-year-old subjects. <i>Age</i> , 2014, 36, 9725.	3.0	3
49	A Heart Rate Based Algorithm to Estimate Core Temperature Responses in Elite Athletes Exercising in the Heat. <i>Frontiers in Sports and Active Living</i> , 0, 4, .	1.8	1