Coen C W G Bongers

List of Publications by Year
in descending order

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49 papers	850 citations	687220 13 h-index	526166 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. Journal of Chemometrics, 2023, 37, .	0.7	0
2	RYR1-Related Rhabdomyolysis: A Spectrum of Hypermetabolic States Due to Ryanodine Receptor Dysfunction. Current Pharmaceutical Design, 2022, 28, 2-14.	0.9	11
3	Cooling vests alleviate perceptual heat strain perceived by COVID-19 nurses. Temperature, 2022, 9, 103-113.	1.6	16
4	Impact of thermal sensation on exercise performance in the heat: a Thermo Tokyo sub-study. European Journal of Applied Physiology, 2022, 122, 437-446.	1.2	1
5	Heat Strain and Use of Heat Mitigation Strategies among COVID-19 Healthcare Workers Wearing Personal Protective Equipmentâ€”A Retrospective Study. International Journal of Environmental Research and Public Health, 2022, 19, 1905.	1.2	12
6	Exercise-induced cardiac troponin T release in veteran athletes recovered from COVID-19. European Journal of Preventive Cardiology, 2022, , .	0.8	0
7	Non-Invasive Monitoring of Inflammation in Inflammatory Bowel Disease Patients during Prolonged Exercise via Exhaled Breath Volatile Organic Compounds. Metabolites, 2022, 12, 224.	1.3	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. Lancet Planetary Health, The, 2022, 6, e301-e309.	5.1	27
9	Infographic. Keep it cool and beat the heat: cooling strategies for exercise in hot and humid conditions. British Journal of Sports Medicine, 2021, 55, 643-644.	3.1	9
10	Infographic. Cooling strategies to attenuate PPE-induced heat strain during the COVID-19 pandemic. British Journal of Sports Medicine, 2021, 55, 69-70.	3.1	16
11	Repeated prolonged moderate-intensity walking exercise does not appear to have harmful effects on inflammatory markers in patients with inflammatory bowel disease. Scandinavian Journal of Gastroenterology, 2021, 56, 30-37.	0.6	13
12	Analysis of human neutrophil phenotypes as biomarker to monitor exercise-induced immune changes. Journal of Leukocyte Biology, 2021, 109, 833-842.	1.5	9
13	Refractory neutrophils and monocytes in patients with inflammatory bowel disease after repeated bouts of prolonged exercise. Cytometry Part B - Clinical Cytometry, 2021, 100, 676-682.	0.7	6
14	Exhaled Breath Reflects Prolonged Exercise and Statin Use during a Field Campaign. Metabolites, 2021, 11, 192.	1.3	8
15	Performance and thermoregulation of Dutch Olympic and Paralympic athletes exercising in the heat: Rationale and design of the Thermo Tokyo study: The journalTemperaturetoolbox. Temperature, 2021, 8, 209-222.	1.6	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. Journal of Nutrition, 2021, 151, 2667-2679.	1.3	6
17	Beat the heat: How to become a gold medalist at the Tokyo Olympics. Temperature, 2021, 8, 203-205.	1.6	5
18	Exercise Performance and Thermoregulatory Responses of Elite Athletes Exercising in the Heat: Outcomes of the Thermo Tokyo Study. Sports Medicine, 2021, 51, 2423-2436.	3.1	17

#	Article	IF	Citations
19	Comment on â€œOverlapping Mechanisms of Exertional Heat Stroke and Malignant Hyperthermia: Evidence vs. Conjectureâ€. Sports Medicine, 2021, , 1.	3.1	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.	0.9	6
21	Reply to Chapman et al.. Journal of Applied Physiology, 2020, 129, 162-162.	1.2	0
22	The effects of physical exercise on the assessment of kidney function. Journal of Applied Physiology, 2020, 128, 1459-1460.	1.2	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.	1.7	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.	0.9	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.	1.1	3
26	Red Blood Cell Aging as a Homeostatic Response to Exercise-Induced Stress. Applied Sciences (Switzerland), 2019, 9, 4827.	1.3	3
27	Ionized and Total Magnesium Levels Change during Repeated Exercise in Older Adults. Journal of Nutrition, Health and Aging, 2019, 23, 595-601.	1.5	2
28	Protein supplementation improves lean body mass in physically active older adults: a randomized placeboâ€controlled trial. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 298-310.	2.9	61
29	The Biophysics of Human Heat Exchange. , 2019, , 29-43.		4
30	Thermoregulatory, metabolic, and cardiovascular responses during 88Âmin of fullâ€body ice immersion â€“ A case study. Physiological Reports, 2019, 7, e14304.	0.7	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.	0.6	12
32	Thermoregulatory burden of elite sailing athletes during exercise in the heat: A pilot study. Temperature, 2019, 6, 66-76.	1.6	6
33	Comparison of two telemetric intestinal temperature devices with rectal temperature during exercise. Physiological Measurement, 2018, 39, 03NT01.	1.2	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.	1.6	3
35	Validity and reliability of the myTemp ingestible temperature capsule. Journal of Science and Medicine in Sport, 2018, 21, 322-326.	0.6	16
36	Validity, Reliability, and Inertia of Four Different Temperature Capsule Systems. Medicine and Science in Sports and Exercise, 2018, 50, 169-175.	0.2	71

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37	Real-Time Observations of Food and Fluid Timing During a 120 km Ultramarathon. Frontiers in Nutrition, 2018, 5, 32.	1.6	18
38	Impact of acuteversusprolonged exercise and dehydration on kidney function and injury. Physiological Reports, 2018, 6, e13734.	0.7	56
39	Cooling interventions for athletes: An overview of effectiveness, physiological mechanisms, and practical considerations. Temperature, 2017, 4, 60-78.	1.6	142
40	The Impact of Central and Peripheral Cyclooxygenase Enzyme Inhibition on Exercise-Induced Elevations in Core Body Temperature. International Journal of Sports Physiology and Performance, 2017, 12, 662-667.	1.1	6
41	Impact of acute versus repetitive moderate intensity endurance exercise on kidney injury markers. Physiological Reports, 2017, 5, e13544.	0.7	19
42	Impact of Moderate Intensity Endurance Exercise on Kidney Injury. Medicine and Science in Sports and Exercise, 2017, 49, 663.	0.2	0
43	Effects of Cooling During Exercise on Thermoregulatory Responses of Men With Paraplegia. Physical Therapy, 2016, 96, 650-658.	1.1	23
44	The Effect Of An Active Versus Inactive Lifestyle On Renal Response To Exercise-induced Dehydration. Medicine and Science in Sports and Exercise, 2016, 48, 616-617.	0.2	0
45	Using an Ingestible Telemetric Temperature Pill to Assess Gastrointestinal Temperature During Exercise. Journal of Visualized Experiments, 2015, , .	0.2	10
46	Precooling and percooling (cooling during exercise) both improve performance in the heat: a meta-analytical review. British Journal of Sports Medicine, 2015, 49, 377-384.	3.1	149
47	Cooling during Exercise in Temperate Conditions: Impact on Performance and Thermoregulation. International Journal of Sports Medicine, 2014, 35, 840-846.	0.8	28
48	Thermoregulation and fluid balance during a 30-km march in 60- versus 80-year-old subjects. Age, 2014, 36, 9725.	3.0	3
49	A Heart Rate Based Algorithm to Estimate Core Temperature Responses in Elite Athletes Exercising in the Heat. Frontiers in Sports and Active Living, 0, 4, .	0.9	1