Coen C W G Bongers

List of Publications by Year
in descending order

49 papers	850 citations	686830 13 h-index	525886 27 g-index
50 all docs	50 docs citations	50 times ranked	976 citing authors

#	Article	IF	Citations
1	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
2	Cooling interventions for athletes: An overview of effectiveness, physiological mechanisms, and practical considerations. Temperature, 2017, 4, 60-78.	1.7	142
3	Validity, Reliability, and Inertia of Four Different Temperature Capsule Systems. Medicine and Science in Sports and Exercise, 2018, 50, 169-175.	0.2	71
4	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
5	Impact of acuteversusprolonged exercise and dehydration on kidney function and injury. Physiological Reports, 2018, 6, e13734.	0.7	56
6	Cooling during Exercise in Temperate Conditions: Impact on Performance and Thermoregulation. International Journal of Sports Medicine, 2014, 35, 840-846.	0.8	28
7	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
8	Effects of Cooling During Exercise on Thermoregulatory Responses of Men With Paraplegia. Physical Therapy, 2016, 96, 650-658.	1.1	23
9	Impact of acute versus repetitive moderate intensity endurance exercise on kidney injury markers. Physiological Reports, 2017, 5, e13544.	0.7	19
10	Real-Time Observations of Food and Fluid Timing During a 120 km Ultramarathon. Frontiers in Nutrition, 2018, 5, 32.	1.6	18
11	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
12	Validity and reliability of the myTemp ingestible temperature capsule. Journal of Science and Medicine in Sport, 2018, 21, 322-326.	0.6	16
13	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
14	Cooling vests alleviate perceptual heat strain perceived by COVID-19 nurses. Temperature, 2022, 9, 103-113.	1.7	16
15	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
16	Comparison of two telemetric intestinal temperature devices with rectal temperature during exercise. Physiological Measurement, 2018, 39, 03NT01.	1.2	12
17	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
18	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

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19	RYR1-Related Rhabdomyolysis: A Spectrum of Hypermetabolic States Due to Ryanodine Receptor Dysfunction. Current Pharmaceutical Design, 2022, 28, 2-14.	0.9	11
20	Using an Ingestible Telemetric Temperature Pill to Assess Gastrointestinal Temperature During Exercise. Journal of Visualized Experiments, 2015, , .	0.2	10
21	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
22	Analysis of human neutrophil phenotypes as biomarker to monitor exercise-induced immune changes. Journal of Leukocyte Biology, 2021, 109, 833-842.	1.5	9
23	Exhaled Breath Reflects Prolonged Exercise and Statin Use during a Field Campaign. Metabolites, 2021, 11, 192.	1.3	8
24	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.	1.7	8
25	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
26	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
27	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
28	Thermoregulatory burden of elite sailing athletes during exercise in the heat: A pilot study. Temperature, 2019, 6, 66-76.	1.7	6
29	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
30	The effects of physical exercise on the assessment of kidney function. Journal of Applied Physiology, 2020, 128, 1459-1460.	1.2	6
31	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
32	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
33	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
34	Beat the heat: How to become a gold medalist at the Tokyo Olympics. Temperature, 2021, 8, 203-205.	1.7	5
35	The Biophysics of Human Heat Exchange. , 2019, , 29-43.		4
36	Thermoregulation and fluid balance during a 30-km march in 60- versus 80-year-old subjects. Age, 2014, 36, 9725.	3.0	3

#	Article	IF	Citations
37	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.	1.7	3
38	Red Blood Cell Aging as a Homeostatic Response to Exercise-Induced Stress. Applied Sciences (Switzerland), 2019, 9, 4827.	1.3	3
39	Thermoregulatory, metabolic, and cardiovascular responses during 88Âmin of fullâ€body ice immersion â€“ A case study. Physiological Reports, 2019, 7, e14304.	0.7	3
40	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
41	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
42	Comment on â€œOverlapping Mechanisms of Exertional Heat Stroke and Malignant Hyperthermia: Evidence vs. Conjectureâ€. Sports Medicine, 2021, , 1.	3.1	2
43	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
44	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
45	Reply to Chapman et al.. Journal of Applied Physiology, 2020, 129, 162-162.	1.2	0
46	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
47	Impact of Moderate Intensity Endurance Exercise on Kidney Injury. Medicine and Science in Sports and Exercise, 2017, 49, 663.	0.2	0
48	Exercise-induced cardiac troponin T release in veteran athletes recovered from COVID-19. European Journal of Preventive Cardiology, 2022, , .	0.8	0
49	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