

D Andreas Flouris

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

7,163
citations

57719

44
h-index

82499

72
g-index

215
all docs

215
docs citations

215
times ranked

6890
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Warm-Up on Muscle Temperature and Athletic Performance. <i>Research Quarterly for Exercise and Sport</i> , 2023, 94, 460-465.	0.8	1
2	Sustainable solutions for reducing air-conditioning costs and tailpipe emissions from heavy-duty transportation across Europe. <i>International Journal of Sustainable Transportation</i> , 2023, 17, 711-725.	2.1	1
3	Effects of Alpha-lipoic Acid Supplementation on Human Diabetic Nephropathy: A Systematic Review and Meta-analysis. <i>Current Diabetes Reviews</i> , 2022, 18, .	0.6	3
4	Analysis of the dynamic air conditioning loads, fuel consumption and emissions of heavy-duty trucks with different glazing and paint optical properties. <i>International Journal of Sustainable Transportation</i> , 2022, 16, 887-900.	2.1	3
5	Effects of Weather Parameters on Endurance Running Performance: Discipline-specific Analysis of 1258 Races. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 153-161.	0.2	22
6	Quantifying the impact of heat on human physical work capacity; part III: the impact of solar radiation varies with air temperature, humidity, and clothing coverage. <i>International Journal of Biometeorology</i> , 2022, 66, 175-188.	1.3	17
7	Determinants of heat stress and strain in electrical utilities workers across North America as assessed by means of an exploratory questionnaire. <i>Journal of Occupational and Environmental Hygiene</i> , 2022, 19, 12-22.	0.4	5
8	Quantifying the impact of heat on human physical work capacity; part II: the observed interaction of air velocity with temperature, humidity, sweat rate, and clothing is not captured by most heat stress indices. <i>International Journal of Biometeorology</i> , 2022, 66, 507-520.	1.3	31
9	Irisin regulates thermogenesis and lipolysis in 3T3-L1 adipocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130085.	1.1	19
10	Chirality transfer from a 3D macro shape to the molecular level by controlling asymmetric secondary flows. <i>Nature Communications</i> , 2022, 13, 1766.	5.8	16
11	Indicators to assess physiological heat strain “ Part 3: Multi-country field evaluation and consensus recommendations. <i>Temperature</i> , 2022, 9, 274-291.	1.6	21
12	Toward More Inclusive Networks and Initiatives in Innovation Ecosystems: Protocol for a Systematic Review. <i>JMIR Research Protocols</i> , 2022, 11, e34071.	0.5	0
13	Seasonal Heat Acclimatisation in Healthy Adults: A Systematic Review. <i>Sports Medicine</i> , 2022, 52, 2111-2128.	3.1	19
14	Occupational heat strain in outdoor workers: A comprehensive review and meta-analysis. <i>Temperature</i> , 2022, 9, 67-102.	1.6	38
15	Prevalence of uncoupling protein one genetic polymorphisms and their relationship with cardiovascular and metabolic health. <i>PLoS ONE</i> , 2022, 17, e0266386.	1.1	2
16	Occupational electromagnetic spectrum hazards and the significance of artificial optical radiation: country report for Greece.. <i>Medicina Del Lavoro</i> , 2022, 113, e2022016.	0.3	0
17	Cardiovascular Stress and Characteristics of Cold-Induced Vasodilation in Women and Men during Cold-Water Immersion: A Randomized Control Study. <i>Biology</i> , 2022, 11, 1054.	1.3	4
18	Human white-fat thermogenesis: Experimental and meta-analytic findings. <i>Temperature</i> , 2021, 8, 39-52.	1.6	5

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19	Football facing a future with global warming: perspectives for players health and performance. <i>British Journal of Sports Medicine</i> , 2021, 55, 297-298.	3.1	10
20	Prolonged facemask use in the heat worsens dyspnea without compromising motor-cognitive performance. <i>Temperature</i> , 2021, 8, 160-165.	1.6	22
21	COVID-19 and thermoregulation-related problems: Practical recommendations. <i>Temperature</i> , 2021, 8, 1-11.	1.6	28
22	Risk assessment for heat stress during work and leisure. , 2021, , 373-385.		8
23	Exercise-heat tolerance in middle-aged-to-older men with type 2 diabetes. <i>Acta Diabetologica</i> , 2021, 58, 809-812.	1.2	6
24	An advanced empirical model for quantifying the impact of heat and climate change on human physical work capacity. <i>International Journal of Biometeorology</i> , 2021, 65, 1215-1229.	1.3	51
25	Effect of a Simulated Heat Wave on Physiological Strain and Labour Productivity. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3011.	1.2	32
26	Heat Tolerance and Occupational Heat Exposure Limits in Older Men with and without Type 2 Diabetes or Hypertension. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 2196-2206.	0.2	24
27	Occupational Heat Stress: Multi-Country Observations and Interventions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6303.	1.2	49
28	The Impacts of Sun Exposure on Worker Physiology and Cognition: Multi-Country Evidence and Interventions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7698.	1.2	44
29	Proposed framework for forecasting heat-effects on motor-cognitive performance in the Summer Olympics. <i>Temperature</i> , 2021, 8, 262-283.	1.6	8
30	Improving the evidence on health inequities in migrant construction workers preparing for big sporting events. <i>BMJ, The</i> , 2021, 374, n1615.	3.0	7
31	The HEAT-SHIELD project “ Perspectives from an inter-sectoral approach to occupational heat stress. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 747-755.	0.6	22
32	Health and social needs of migrant construction workers for big sporting events. <i>BMJ, The</i> , 2021, 374, n1591.	3.0	5
33	Aerobic fitness as a parameter of importance for labour loss in the heat. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 824-830.	0.6	11
34	Heat Safety in the Workplace: Modified Delphi Consensus to Establish Strategies and Resources to Protect the US Workers. <i>GeoHealth</i> , 2021, 5, e2021GH000443.	1.9	23
35	An exploratory survey of heat stress management programs in the electric power industry. <i>Journal of Occupational and Environmental Hygiene</i> , 2021, 18, 436-445.	0.4	3
36	Mortality due to circulatory causes in hot and cold environments in Greece. <i>Scandinavian Cardiovascular Journal</i> , 2021, 55, 333-335.	0.4	5

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37	Associations between nutrition, energy expenditure and energy availability with bone mass acquisition in dance students: a 3-year longitudinal study. <i>Archives of Osteoporosis</i> , 2021, 16, 141.	1.0	2
38	Environmental and Psychophysical Heat Stress in Adolescent Tennis Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 1895-1900.	1.1	10
39	Health vs. wealth: Employer, employee and policy-maker perspectives on occupational heat stress across multiple European industries. <i>Temperature</i> , 2021, 8, 284-301.	1.6	18
40	Current and projected regional economic impacts of heatwaves in Europe. <i>Nature Communications</i> , 2021, 12, 5807.	5.8	69
41	The Presence of Fungal and Parasitic Infections in Substances of Human Origin and Their Transmission via Transfusions and Transplantations: Protocol for Two Systematic Reviews. <i>JMIR Research Protocols</i> , 2021, 10, e25674.	0.5	1
42	Effects of In Vitro Muscle Contraction on Thermogenic Protein Levels in Co-Cultured Adipocytes. <i>Life</i> , 2021, 11, 1227.	1.1	6
43	Age differences in cardiac autonomic regulation during intermittent exercise in the heat. <i>European Journal of Applied Physiology</i> , 2020, 120, 453-465.	1.2	6
44	Type 2 diabetes does not exacerbate body heat storage in older adults during brief, extreme passive heat exposure. <i>Temperature</i> , 2020, 7, 263-269.	1.6	8
45	Heart rate variability in older workers during work under the Threshold Limit Values for heat exposure. <i>American Journal of Industrial Medicine</i> , 2020, 63, 787-795.	1.0	8
46	Separate and combined effects of cold dialysis and intradialytic exercise on the thermoregulatory responses of hemodialysis patients: a randomized-cross-over study. <i>BMC Nephrology</i> , 2020, 21, 524.	0.8	2
47	Sustainable solutions to mitigate occupational heat strain – an umbrella review of physiological effects and global health perspectives. <i>Environmental Health</i> , 2020, 19, 95.	1.7	47
48	Effects of Nutrition/Diet on Brown Adipose Tissue in Humans: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2020, 12, 2752.	1.7	9
49	Direct exposure of the head to solar heat radiation impairs motor-cognitive performance. <i>Scientific Reports</i> , 2020, 10, 7812.	1.6	44
50	Escalating environmental summer heat exposure – a future threat for the European workforce. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	45
51	Evidence for age-related differences in heat acclimatisation responsiveness. <i>Experimental Physiology</i> , 2020, 105, 1491-1499.	0.9	15
52	Climate Change and Heat Exposure: Impact on Health in Occupational and General Populations. , 2020, , 225-261.		11
53	Cortical and trabecular bone analysis of professional dancers using 3D-DXA: a case-control study. <i>Journal of Sports Sciences</i> , 2019, 37, 82-89.	1.0	7
54	An Occupational Heat-Health Warning System for Europe: The HEAT-SHIELD Platform. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2890.	1.2	46

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55	Overview of Existing Heat-Health Warning Systems in Europe. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2657.	1.2	124
56	Age-related reductions in heart rate variability do not worsen during exposure to humid compared to dry heat: A secondary analysis. <i>Temperature</i> , 2019, 6, 341-345.	1.6	10
57	Interaction between Indoor Occupational Heat Stress and Environmental Temperature Elevations during Heat Waves. <i>Weather, Climate, and Society</i> , 2019, 11, 755-762.	0.5	23
58	Towards Model-Based Online Monitoring of Cyclists' Head Thermal Comfort: Smart Helmet Concept and Prototype. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3170.	1.3	6
59	Exercise Heat Stress in Patients With and Without Type 2 Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1409.	3.8	29
60	Revisiting the influence of individual factors on heat exchange during exercise in dry heat using direct calorimetry. <i>Experimental Physiology</i> , 2019, 104, 1038-1050.	0.9	25
61	A free software to predict heat strain according to the ISO 7933:2018. <i>Industrial Health</i> , 2019, 57, 711-720.	0.4	22
62	Human Thermoregulation. , 2019, , 3-27.		6
63	Heat Waves Occurrence and Outdoor Workers' Self-assessment of Heat Stress in Slovenia and Greece. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 597.	1.2	22
64	Endocrine parameters in association with bone mineral accrual in young female vocational ballet dancers. <i>Archives of Osteoporosis</i> , 2019, 14, 46.	1.0	2
65	Heart rate variability dynamics during treatment for exertional heat strain when immediate response is not possible. <i>Experimental Physiology</i> , 2019, 104, 845-854.	0.9	7
66	Occupational heat stress management: Does one size fit all?. <i>American Journal of Industrial Medicine</i> , 2019, 62, 1017-1023.	1.0	26
67	Impact of Fan Use on Physical Work Capacity in Extreme Heat. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 15-15.	0.2	2
68	Impact of pre-cooling therapy on the physical performance and functional capacity of multiple sclerosis patients: A systematic review. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 27, 419-423.	0.9	12
69	Metabolic energy cost of workers in agriculture, construction, manufacturing, tourism, and transportation industries. <i>Industrial Health</i> , 2019, 57, 283-305.	0.4	33
70	Towards establishing evidence-based guidelines on maximum indoor temperatures during hot weather in temperate continental climates. <i>Temperature</i> , 2019, 6, 11-36.	1.6	46
71	A Preliminary Analysis of the Inter-individual Determinants of Whole-body Heat Exchange in 100 Young Men and Women during Exercise in the Heat. <i>FASEB Journal</i> , 2019, 33, 842.8.	0.2	0
72	Age alters cardiac autonomic modulations during and following exercise-induced heat stress in females. <i>Temperature</i> , 2018, 5, 184-196.	1.6	6

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73	Physical characteristics cannot be used to predict cooling time using cold-water immersion as a treatment for exertional hyperthermia. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 857-860.	0.9	7
74	Beat the Heat: Effects of a Motivational Self-Talk Intervention on Endurance Performance. <i>Journal of Applied Sport Psychology</i> , 2018, 30, 388-401.	1.4	16
75	Screening criteria for increased susceptibility to heat stress during work or leisure in hot environments in healthy individuals aged 31-70 years. <i>Temperature</i> , 2018, 5, 86-99.	1.6	50
76	Heat exhaustion. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 157, 505-529.	1.0	39
77	Workers' health and productivity under occupational heat strain: a systematic review and meta-analysis. <i>Lancet Planetary Health</i> , The, 2018, 2, e521-e531.	5.1	243
78	High prevalence of hypohydration in occupations with heat stress—Perspectives for performance in combined cognitive and motor tasks. <i>PLoS ONE</i> , 2018, 13, e0205321.	1.1	70
79	On the use of wearable physiological monitors to assess heat strain during occupational heat stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 869-881.	0.9	65
80	Association of fat mass profile with natriuretic peptide receptor alpha in subcutaneous adipose tissue of medication-free healthy men: A cross-sectional study. <i>F1000Research</i> , 2018, 7, 327.	0.8	3
81	Habitual Heat Exposure and Acclimatization Associated with Athletic Performance in the Multistage Marathon des Sables. <i>Human Performance in Extreme Environments</i> , 2018, 14, .	0.4	2
82	Association of fat mass profile with natriuretic peptide receptor alpha in subcutaneous adipose tissue of medication-free healthy men: A cross-sectional study. <i>F1000Research</i> , 2018, 7, 327.	0.8	2
83	Exercise-induced effects on UCP1 expression in classical brown adipose tissue: a systematic review. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017, 31, .	0.3	20
84	The recommended Threshold Limit Values for heat exposure fail to maintain body core temperature within safe limits in older working adults. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 703-711.	0.4	34
85	Global heating: Attention is not enough; we need acute and appropriate actions. <i>Temperature</i> , 2017, 4, 199-201.	1.6	32
86	A low-protein, high-carbohydrate diet increases browning in perirenal adipose tissue but not in inguinal adipose tissue. <i>Nutrition</i> , 2017, 42, 37-45.	1.1	21
87	Defining the determinants of endurance running performance in the heat. <i>Temperature</i> , 2017, 4, 314-329.	1.6	16
88	Aging Impairs Whole-Body Heat Loss in Women under Both Dry and Humid Heat Stress. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2324-2332.	0.2	26
89	A Technique for Subcutaneous Abdominal Adipose Tissue Biopsy via a Non-diathermy Method. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	7
90	Time-motion analysis as a novel approach for evaluating the impact of environmental heat exposure on labor loss in agriculture workers. <i>Temperature</i> , 2017, 4, 330-340.	1.6	72

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91	Increasing age is a major risk factor for susceptibility to heat stress during physical activity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 1232-1235.	0.9	23
92	Hyperthermia and cardiovascular strain during an extreme heat exposure in young versus older adults. <i>Temperature</i> , 2017, 4, 79-88.	1.6	80
93	Effects of physical activity on the link between PGC-1a and FNDC5 in muscle, circulating $\hat{\text{T}}^{\text{M}}$ risin and UCP1 of white adipocytes in humans: A systematic review. <i>F1000Research</i> , 2017, 6, 286.	0.8	29
94	Role of UCP1 Gene Variants in Interethnic Differences in the Development of Cardio-Metabolic Diseases. <i>Frontiers in Genetics</i> , 2017, 8, 7.	1.1	9
95	Heat remains unaccounted for in thermal physiology and climate change research. <i>F1000Research</i> , 2017, 6, 221.	0.8	9
96	Heat remains unaccounted for in thermal physiology and climate change research. <i>F1000Research</i> , 2017, 6, 221.	0.8	9
97	Effects of physical activity on the link between PGC-1a and FNDC5 in muscle, circulating $\hat{\text{T}}^{\text{M}}$ risin and UCP1 of white adipocytes in humans: A systematic review. <i>F1000Research</i> , 2017, 6, 286.	0.8	33
98	Bone mass of female dance students prior to professional dance training: A cross-sectional study. <i>PLoS ONE</i> , 2017, 12, e0180639.	1.1	10
99	Browning formation markers of subcutaneous adipose tissue in relation to resting energy expenditure, physical activity and diet in humans. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017, 31, .	0.3	15
100	Do the Threshold Limit Values for Work in Hot Conditions Adequately Protect Workers?. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1187-1196.	0.2	38
101	Heart rate variability during high heat stress: a comparison between young and older adults with and without Type 2 diabetes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R669-R675.	0.9	30
102	Prolonged self-paced exercise in the heat – environmental factors affecting performance. <i>Temperature</i> , 2016, 3, 539-548.	1.6	52
103	Antioxidant responses following active and passive smoking of tobacco and electronic cigarettes. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 446-452.	1.3	9
104	Age, human performance, and physical employment standards. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, S92-S107.	0.9	92
105	The effect of plasma osmolality and baroreceptor loading status on postexercise heat loss responses. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R522-R531.	0.9	5
106	Chronic l-menthol-induced browning of white adipose tissue hypothesis: A putative therapeutic regime for combating obesity and improving metabolic health. <i>Medical Hypotheses</i> , 2016, 93, 21-26.	0.8	25
107	A Low-Protein, High-Carbohydrate Diet Stimulates Thermogenesis in the Brown Adipose Tissue of Rats via ATF-2. <i>Lipids</i> , 2016, 51, 303-310.	0.7	21
108	Developing and testing an instrument to assess aquaticity in humans. <i>Journal of Bodywork and Movement Therapies</i> , 2016, 20, 497-503.	0.5	6

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109	The physical demands of electrical utilities work in North America. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 60-70.	0.4	30
110	Muscle damage, inflammatory, immune and performance responses to three football games in 1 week in competitive male players. <i>European Journal of Applied Physiology</i> , 2016, 116, 179-193.	1.2	143
111	Muscle metaboreceptors modulate postexercise sweating, but not cutaneous blood flow, independent of baroreceptor loading status. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R1415-R1424.	0.9	9
112	Local infusion of ascorbate augments NO-dependent cutaneous vasodilatation during intense exercise in the heat. <i>Journal of Physiology</i> , 2015, 593, 4055-4065.	1.3	22
113	Does type 1 diabetes alter postexercise thermoregulatory and cardiovascular function in young adults?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, e504-14.	1.3	12
114	Thermal effects of headgear: state-of-the-art and way forward. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	3
115	At What Level of Heat Load Are Age-Related Impairments in the Ability to Dissipate Heat Evident in Females?. <i>PLoS ONE</i> , 2015, 10, e0119079.	1.1	49
116	Recovery Kinetics of Knee Flexor and Extensor Strength after a Football Match. <i>PLoS ONE</i> , 2015, 10, e0128072.	1.1	38
117	Noninvasive assessment of muscle temperature during rest, exercise, and postexercise recovery in different environments. <i>Journal of Applied Physiology</i> , 2015, 118, 1310-1320.	1.2	23
118	Non-invasive measurement of tibialis anterior muscle temperature during rest, cycling exercise and post-exercise recovery. <i>Physiological Measurement</i> , 2015, 36, N103-N113.	1.2	6
119	Shaping our understanding of endothermic thermoregulation. <i>Temperature</i> , 2015, 2, 328-329.	1.6	2
120	Aging impairs heat loss, but when does it matter?. <i>Journal of Applied Physiology</i> , 2015, 118, 299-309.	1.2	83
121	A review on ergonomics of headgear: Thermal effects. <i>International Journal of Industrial Ergonomics</i> , 2015, 45, 1-12.	1.5	37
122	Impact of regular exercise on classical brown adipose tissue. <i>Clinical Endocrinology</i> , 2015, 83, 591-593.	1.2	3
123	Older Firefighters Are Susceptible to Age-Related Impairments in Heat Dissipation. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1281-1290.	0.2	19
124	Iron status markers are only transiently affected by a football game. <i>Journal of Sports Sciences</i> , 2015, 33, 2088-2099.	1.0	20
125	Consensus Recommendations on Training and Competing in the Heat. <i>Sports Medicine</i> , 2015, 45, 925-938.	3.1	70
126	Links between thermoregulation and aging in endotherms and ectotherms. <i>Temperature</i> , 2015, 2, 73-85.	1.6	46

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127	Author's Reply to Brocherie and Millet: "Is the Wet-Bulb Globe Temperature (WBGT) Index Relevant for Exercise in the Heat?". <i>Sports Medicine</i> , 2015, 45, 1623-1624.	3.1	6
128	The Influence of Arc-Flash and Fire-Resistant Clothing on Thermoregulation during Exercise in the Heat. <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, 654-667.	0.4	15
129	An Evaluation of the Physiological Strain Experienced by Electrical Utility Workers in North America. <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, 708-720.	0.4	54
130	Human behavioral thermoregulation during exercise in the heat. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 52-64.	1.3	156
131	Increased Air Velocity Reduces Thermal and Cardiovascular Strain in Young and Older Males during Humid Exertional Heat Stress. <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, 625-634.	0.4	11
132	The absorption and metabolism of a single L-menthol oral versus skin administration: Effects on thermogenesis and metabolic rate. <i>Food and Chemical Toxicology</i> , 2015, 86, 262-273.	1.8	38
133	Prevalence of Low Bone Mineral Density in Female Dancers. <i>Sports Medicine</i> , 2015, 45, 257-268.	3.1	40
134	Molecular pathways linking non-shivering thermogenesis and obesity: focusing on brown adipose tissue development. <i>Biological Reviews</i> , 2015, 90, 77-88.	4.7	36
135	Association between habitual physical activity and brown adipose tissue activity in individuals undergoing PET-CT scan. <i>Clinical Endocrinology</i> , 2015, 82, 147-154.	1.2	47
136	Changes in heart rate variability during the induction and decay of heat acclimation. <i>European Journal of Applied Physiology</i> , 2014, 114, 2119-2128.	1.2	46
137	Do older adults experience greater thermal strain during heat waves?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 292-298.	0.9	49
138	A unifying theory for the functional architecture of endothermic thermoregulation. <i>Temperature</i> , 2014, 1, 162-163.	1.6	3
139	Treatment of exertional heat stress developed during low or moderate physical work. <i>European Journal of Applied Physiology</i> , 2014, 114, 2551-2560.	1.2	12
140	Heart rate variability during exertional heat stress: effects of heat production and treatment. <i>European Journal of Applied Physiology</i> , 2014, 114, 785-792.	1.2	26
141	Exposure to secondhand smoke promotes sympathetic activity and cardiac muscle cachexia. <i>International Journal of Environmental Health Research</i> , 2014, 24, 189-194.	1.3	8
142	Acute effects of second-hand smoke on complete blood count. <i>International Journal of Environmental Health Research</i> , 2014, 24, 56-62.	1.3	12
143	Instruments to Assess Secondhand Smoke Exposure in Large Cohorts of Never Smokers: The Smoke Scales. <i>PLoS ONE</i> , 2014, 9, e85809.	1.1	11
144	Effects of active and passive tobacco cigarette smoking on heart rate variability. <i>International Journal of Cardiology</i> , 2013, 163, 109-115.	0.8	102

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145	Secondhand smoke exposure induces acutely airway acidification and oxidative stress. <i>Respiratory Medicine</i> , 2013, 107, 172-179.	1.3	21
146	Acute impact of active and passive electronic cigarette smoking on serum cotinine and lung function. <i>Inhalation Toxicology</i> , 2013, 25, 91-101.	0.8	332
147	Autonomic Nervous System Modulation During Accidental Syncope Induced by Heat and Orthostatic Stress. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 722-725.	0.6	11
148	Acute effects of electronic and tobacco cigarette smoking on complete blood count. <i>Food and Chemical Toxicology</i> , 2012, 50, 3600-3603.	1.8	126
149	Respiratory and Immune Response to Maximal Physical Exertion following Exposure to Secondhand Smoke in Healthy Adults. <i>PLoS ONE</i> , 2012, 7, e31880.	1.1	19
150	The effect of a covert manipulation of ambient temperature on heat storage and voluntary exercise intensity. <i>Physiology and Behavior</i> , 2012, 105, 1194-1201.	1.0	17
151	The advantage of using differential data in thermal biology. <i>International Journal of Biometeorology</i> , 2012, 56, 403-404.	1.3	2
152	Autonomic nervous system modulation during an archery competition in novice and experienced adolescent archers. <i>Journal of Sports Sciences</i> , 2011, 29, 913-917.	1.0	21
153	Electronic nicotine delivery systems: a research agenda. <i>Tobacco Control</i> , 2011, 20, 243-248.	1.8	196
154	Caloric restriction and longevity: Effects of reduced body temperature. <i>Ageing Research Reviews</i> , 2011, 10, 153-162.	5.0	50
155	Does adherence to the Mediterranean diet have a protective effect against active and passive smoking?. <i>Public Health</i> , 2011, 125, 121-128.	1.4	26
156	Immediate and short-term consequences of secondhand smoke exposure on the respiratory system. <i>Current Opinion in Pulmonary Medicine</i> , 2011, 17, 110-115.	1.2	29
157	Comments on Point:Counterpoint: High altitude is/is not for the birds!. <i>Journal of Applied Physiology</i> , 2011, 111, 1520-1524.	1.2	1
158	Comments on Point:Counterpoint: Humans do/do not demonstrate selective brain cooling during hyperthermia. <i>Journal of Applied Physiology</i> , 2011, 110, 575-580.	1.2	9
159	Thermal Basis of Finger Blood Flow Adaptations During Abrupt Perturbations in Thermal Homeostasis. <i>Microcirculation</i> , 2011, 18, 56-62.	1.0	15
160	A Novel Model to Predict Cutaneous Finger Blood Flow via Finger and Rectal Temperatures. <i>Microcirculation</i> , 2011, 18, 670-676.	1.0	10
161	Functional architecture of behavioural thermoregulation. <i>European Journal of Applied Physiology</i> , 2011, 111, 1-8.	1.2	102
162	Effects of exercise and physical activity on depression. <i>Irish Journal of Medical Science</i> , 2011, 180, 319-325.	0.8	299

#	ARTICLE	IF	CITATIONS
163	Early life mammalian biology and later life physical performance: maximising physiological adaptation. <i>British Journal of Sports Medicine</i> , 2011, 45, 1000-1001.	3.1	6
164	Passive Smoking and the Development of Cardiovascular Disease in Children: A Systematic Review. <i>Cardiology Research and Practice</i> , 2011, 2011, 1-6.	0.5	20
165	Thermometry and calorimetry assessment of sweat response during exercise in the heat. <i>European Journal of Applied Physiology</i> , 2010, 108, 905-911.	1.2	26
166	On the origins of cold-induced vasodilation. <i>European Journal of Applied Physiology</i> , 2010, 108, 1281-1282.	1.2	10
167	Prediction of from a new field test based on portable indirect calorimetry. <i>Journal of Science and Medicine in Sport</i> , 2010, 13, 70-73.	0.6	14
168	Cardiorespiratory and immune response to physical activity following exposure to a typical smoking environment. <i>Heart</i> , 2010, 96, 860-864.	1.2	27
169	Biological evidence for the acute health effects of secondhand smoke exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 298, L3-L12.	1.3	93
170	The validity of tympanic and exhaled breath temperatures for core temperature measurement. <i>Physiological Measurement</i> , 2010, 31, N35-N42.	1.2	13
171	Electronic cigarettes: miracle or menace?. <i>BMJ: British Medical Journal</i> , 2010, 340, c311-c311.	2.4	54
172	Influence of thermal balance on cold-induced vasodilation. <i>Journal of Applied Physiology</i> , 2009, 106, 1264-1271.	1.2	71
173	Acute and Short-term Effects of Secondhand Smoke on Lung Function and Cytokine Production. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 1029-1033.	2.5	101
174	Effect of seasonal programming on fetal development and longevity: Links with environmental temperature. <i>American Journal of Human Biology</i> , 2009, 21, 214-216.	0.8	65
175	Authors' response to H. Daanen's "cold-induced vasodilation" letter. <i>European Journal of Applied Physiology</i> , 2009, 106, 317-319.	1.2	4
176	Human conscious response to thermal input is adjusted to changes in mean body temperature. <i>British Journal of Sports Medicine</i> , 2009, 43, 199-203.	3.1	43
177	Editorial [Hot topic: Acute Health Effects of Passive Smoking (Guest Editor: Andreas D. Flouris)]. <i>Inflammation and Allergy: Drug Targets</i> , 2009, 8, 319-320.	1.8	6
178	Epidemiological Evidence Associating Secondhand Smoke Exposure with Cardiovascular Disease. <i>Inflammation and Allergy: Drug Targets</i> , 2009, 8, 321-327.	1.8	26
179	Passive Smoking, Asthma and Allergy in Children. <i>Inflammation and Allergy: Drug Targets</i> , 2009, 8, 348-352.	1.8	13
180	Effects of Secondhand Smoke on Thyroid Function. <i>Inflammation and Allergy: Drug Targets</i> , 2009, 8, 359-363.	1.8	14

#	ARTICLE	IF	CITATIONS
181	Heart rate variability responses to a psychologically challenging scuba dive. <i>Journal of Sports Medicine and Physical Fitness</i> , 2009, 49, 382-6.	0.4	10
182	Effect of body temperature on cold induced vasodilation. <i>European Journal of Applied Physiology</i> , 2008, 104, 491-499.	1.2	58
183	Longitudinal preventive-screening cutoffs for metabolic syndrome in adolescents. <i>International Journal of Obesity</i> , 2008, 32, 1506-1512.	1.6	18
184	Criterion-related validity and test-retest reliability of the 20m Square Shuttle Test. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 214-217.	0.6	32
185	Cardiovascular disease risk in adolescent smokers: evidence of a 'smoker lifestyle'. <i>Journal of Child Health Care</i> , 2008, 12, 221-231.	0.7	41
186	Sexual dimorphism in the acute effects of secondhand smoke on thyroid hormone secretion, inflammatory markers and vascular function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E456-E462.	1.8	34
187	Developmental coordination disorder and reported enjoyment of physical education in children. <i>European Physical Education Review</i> , 2007, 13, 81-98.	1.2	56
188	A Brief Exposure to Moderate Passive Smoke Increases Metabolism and Thyroid Hormone Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 208-211.	1.8	47
189	Prevalence of cardiovascular disease risk in Ontario adolescents. <i>Archives of Disease in Childhood</i> , 2007, 92, 521-523.	1.0	13
190	Developmental Coordination Disorder and Cardiorespiratory Fitness in Children. <i>Pediatric Exercise Science</i> , 2007, 19, 20-28.	0.5	90
191	Thermal balance effects on vigilance during 2-hour exposures to -20 degrees C. <i>Aviation, Space, and Environmental Medicine</i> , 2007, 78, 673-9.	0.6	15
192	Obesity and physical fitness of pre-adolescent children during the academic year and the summer period: effects of organized physical activity. <i>Journal of Child Health Care</i> , 2006, 10, 199-212.	0.7	55
193	A Comparison of Developmental Coordination Disorder Prevalence Rates in Canadian and Greek Children. <i>Journal of Adolescent Health</i> , 2006, 39, 125-127.	1.2	94
194	Developmental Coordination Disorder, Age and Play: A Test of the Divergence in Activity-Deficit with Age Hypothesis. <i>Adapted Physical Activity Quarterly</i> , 2006, 23, 261-276.	0.6	41
195	Applications of Artificial Intelligence Systems in the Analysis of Epidemiological Data. <i>European Journal of Epidemiology</i> , 2006, 21, 167-170.	2.5	23
196	Design and Control Optimization of Microclimate Liquid Cooling Systems Underneath Protective Clothing. <i>Annals of Biomedical Engineering</i> , 2006, 34, 359-372.	1.3	92
197	The effect of performance feedback on cardiorespiratory fitness field tests. <i>Journal of Science and Medicine in Sport</i> , 2006, 9, 263-266.	0.6	11
198	Developmental coordination disorder and aerobic fitness: is it all in their heads or is measurement still the problem?. <i>American Journal of Human Biology</i> , 2006, 18, 66-70.	0.8	63

#	ARTICLE	IF	CITATIONS
199	Modelling Atmospheric Pollution During the Games of the XXVIII Olympiad: Effects on Elite Competitors. <i>International Journal of Sports Medicine</i> , 2006, 27, 137-142.	0.8	10
200	Influence of body heat content on hand function during prolonged cold exposures. <i>Journal of Applied Physiology</i> , 2006, 101, 802-808.	1.2	32
201	Resting Energy Expenditure Response Following Environmental Tobacco Smoke Exposure. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S457-S458.	0.2	7
202	Longitudinal Modeling of Adiposity in Periadolescent Greek Schoolchildren. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 2070-2074.	0.2	32
203	Developmental Coordination Disorder, Self-Efficacy Toward Physical Activity, and Play: Does Gender Matter?. <i>Adapted Physical Activity Quarterly</i> , 2005, 22, 67-82.	0.6	100
204	The need for energy equilibrium. <i>Journal of Science and Medicine in Sport</i> , 2005, 8, 129-133.	0.6	7
205	Enhancing the efficacy of the 20 m multistage shuttle run test. <i>British Journal of Sports Medicine</i> , 2005, 39, 166-170.	3.1	56
206	Increased risk for coronary vascular disease in children with developmental coordination disorder. <i>Journal of Adolescent Health</i> , 2005, 37, 376-380.	1.2	107
207	Developmental Coordination Disorder, Generalized Self-Efficacy Toward Physical Activity, and Participation in Organized and Free Play Activities. <i>Journal of Pediatrics</i> , 2005, 147, 515-520.	0.9	239
208	Exploring the origins of developmental disorders. <i>Developmental Medicine and Child Neurology</i> , 2005, 47, 436-436.	1.1	12
209	Enhancing specificity in proxy-design for the assessment of bioenergetics. <i>Journal of Science and Medicine in Sport</i> , 2004, 7, 197-204.	0.6	26
210	Indicators to assess physiological heat strain – Part 2: Delphi exercise. <i>Temperature</i> , 0, , 1-11.	1.6	11