

Jason Kai Wei Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9116815/publications.pdf>

Version: 2024-02-01

90
papers

3,138
citations

218592

26
h-index

168321

53
g-index

98
all docs

98
docs citations

98
times ranked

2425
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of ischemic preconditioning on maximum accumulated oxygen deficit in 400-meter runners. <i>European Journal of Sport Science</i> , 2023, 23, 789-796.	1.4	3
2	Thermal strain and fluid balance during a 72-km military route march in a field setting. <i>Singapore Medical Journal</i> , 2022, 63, 497.	0.3	4
3	Changes in energy balance, body composition, metabolic profile and physical performance in a 62-day Army Ranger training in a hot-humid environment. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 89-94.	0.6	4
4	The use of sun-shade on safe heat exposure limit on a sunny summer day: a modelling study in Japan. <i>International Journal of Biometeorology</i> , 2022, , 1.	1.3	4
5	Cultural differences in hydration practices among physically active individuals: a narrative review. <i>Journal of the International Society of Sports Nutrition</i> , 2022, 19, 150-163.	1.7	2
6	Digitally-embroidered liquid metal electronic textiles for wearable wireless systems. <i>Nature Communications</i> , 2022, 13, 2190.	5.8	87
7	Exertional heat stroke: nutritional considerations. <i>Experimental Physiology</i> , 2022, 107, 1122-1135.	0.9	4
8	Thermoregulatory responses to ice slurry ingestion during low and moderate intensity exercises with restrictive heat loss. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 105-109.	0.6	8
9	COVID-19 and thermoregulation-related problems: Practical recommendations. <i>Temperature</i> , 2021, 8, 1-11.	1.6	28
10	Personal assessment of urban heat exposure: a systematic review. <i>Environmental Research Letters</i> , 2021, 16, 033005.	2.2	43
11	Project Coolbit: can your watch predict heat stress and thermal comfort sensation?. <i>Environmental Research Letters</i> , 2021, 16, 034031.	2.2	44
12	Hydration Status, Fluid Intake, Sweat Rate, and Sweat Sodium Concentration in Recreational Tropical Native Runners. <i>Nutrients</i> , 2021, 13, 1374.	1.7	8
13	The Impact of Temperature on the Risk of COVID-19: A Multinational Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4052.	1.2	6
14	A Web Survey to Evaluate the Thermal Stress Associated with Personal Protective Equipment among Healthcare Workers during the COVID-19 Pandemic in Italy. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3861.	1.2	20
15	Establishing intensifying chronic exposure to extreme heat as a slow onset event with implications for health, wellbeing, productivity, society and economy. <i>Current Opinion in Environmental Sustainability</i> , 2021, 50, 225-235.	3.1	28
16	COVID-19 and heat waves: New challenges for healthcare systems. <i>Environmental Research</i> , 2021, 198, 111153.	3.7	32
17	Assessment of the economic impact of heat-related labor productivity loss: a systematic review. <i>Climatic Change</i> , 2021, 167, 1.	1.7	18
18	Ice Slurry Ingestion Reduces Serum Cortisol Concentrations Independent Of Physiological Strain Following Treadmill Running. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 36-37.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Assessment of dehydration using body mass changes of elite marathoners in the tropics. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 806-810.	0.6	8
20	Global warming increases the risk of the stillbirth: a ten years follow-up study in Taiwan. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
21	Sensory Perception of an Oral Rehydration Solution during Exercise in the Heat. <i>Nutrients</i> , 2021, 13, 3313.	1.7	1
22	Reply to Dumke, C. Comment on Fan et al. Efficacy of Ingesting an Oral Rehydration Solution after Exercise on Fluid Balance and Endurance Performance. <i>Nutrients</i> 2020, 12, 3826. <i>Nutrients</i> , 2021, 13, 3215.	1.7	0
23	Perceptions of heat-health impacts and the effects of knowledge and preventive actions by outdoor workers in Hanoi, Vietnam. <i>Science of the Total Environment</i> , 2021, 794, 148260.	3.9	10
24	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. <i>Lancet, The</i> , 2021, 398, 1619-1662.	6.3	669
25	Hydration Status and Fluid Replacement Strategies of High-Performance Adolescent Athletes: An Application of Machine Learning to Distinguish Hydration Characteristics. <i>Nutrients</i> , 2021, 13, 4073.	1.7	3
26	Palatable Flavoured Fluids without Carbohydrates and Electrolytes Do Not Enhance Voluntary Fluid Consumption in Male Collegiate Basketball Players in the Heat. <i>Nutrients</i> , 2021, 13, 4197.	1.7	1
27	Solar radiation and the validity of infrared tympanic temperature during exercise in the heat. <i>International Journal of Biometeorology</i> , 2020, 64, 39-45.	1.3	5
28	Role of Histone Deacetylases in Skeletal Muscle Physiology and Systemic Energy Homeostasis: Implications for Metabolic Diseases and Therapy. <i>Frontiers in Physiology</i> , 2020, 11, 949.	1.3	19
29	Efficacy of Ingesting an Oral Rehydration Solution after Exercise on Fluid Balance and Endurance Performance. <i>Nutrients</i> , 2020, 12, 3826.	1.7	10
30	Heat Stress and Thermal Perception amongst Healthcare Workers during the COVID-19 Pandemic in India and Singapore. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8100.	1.2	35
31	<p>>Characteristics of Physical Fitness and Cardiometabolic Risk in Chinese University Students with Normal-Weight Obesity: A Cross-Sectional Study<p>>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 4157-4167.	1.1	8
32	Pathophysiological Mechanisms by which Heat Stress Potentially Induces Kidney Inflammation and Chronic Kidney Disease in Sugarcane Workers. <i>Nutrients</i> , 2020, 12, 1639.	1.7	57
33	Effect of regular precooling on adaptation to training in the heat. <i>European Journal of Applied Physiology</i> , 2020, 120, 1143-1154.	1.2	3
34	Evaluating the effectiveness of labor protection policy on occupational injuries caused by extreme heat in a large subtropical city of China. <i>Environmental Research</i> , 2020, 186, 109532.	3.7	15
35	Wireless battery-free body sensor networks using near-field-enabled clothing. <i>Nature Communications</i> , 2020, 11, 444.	5.8	165
36	Climate Change, Occupational Heat Stress, Human Health and Socio-Economic Factors. , 2020, , 1-19.		0

#	ARTICLE	IF	CITATIONS
37	Recycled Cellulose Aerogels from Paper Waste for a Heat Insulation Design of Canteen Bottles. <i>Fluids</i> , 2019, 4, 174.	0.8	15
38	Workplace Heat: An increasing threat to occupational health and productivity. <i>American Journal of Industrial Medicine</i> , 2019, 62, 1076-1078.	1.0	8
39	Impairment of Cycling Capacity in the Heat in Well-Trained Endurance Athletes After High-Intensity Short-Term Heat Acclimation. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 1058-1065.	1.1	21
40	Efficacy of Heat Mitigation Strategies on Core Temperature and Endurance Exercise: A Meta-Analysis. <i>Frontiers in Physiology</i> , 2019, 10, 71.	1.3	64
41	Altered brain structure with preserved cortical motor activity after exertional hypohydration: a MRI study. <i>Journal of Applied Physiology</i> , 2019, 127, 157-167.	1.2	9
42	The Physiological Strain Index Modified for Trained Heat-Acclimatized Individuals in Outdoor Heat. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 805-813.	1.1	8
43	Update: Efficacy of Military Fluid Intake Guidance. <i>Military Medicine</i> , 2018, 183, e338-e342.	0.4	9
44	Neural basis of exertional fatigue in the heat: A review of magnetic resonance imaging methods. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 807-818.	1.3	5
45	Personalized Hydration Strategy Attenuates the Rise in Heart Rate and in Skin Temperature Without Altering Cycling Capacity in the Heat. <i>Frontiers in Nutrition</i> , 2018, 5, 22.	1.6	5
46	Evaluation of Various Cooling Systems After Exercise-Induced Hyperthermia. <i>Journal of Athletic Training</i> , 2017, 52, 108-116.	0.9	11
47	PM 2.5 : A barrier to fitness and health promotion in China. <i>Journal of Sport and Health Science</i> , 2017, 6, 292-294.	3.3	10
48	Heat tolerance in wet tropical natives using an established heat tolerance test. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S58.	0.6	1
49	Functional Changes in Motor Cortical Brain Regions following Passive and Exertional Heat Stress. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 452.	0.2	0
50	Effects Of Exercise-induced Hypohydration On Brain Structure And Function, A MRI Study. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 824.	0.2	2
51	Re-visiting the tympanic membrane vicinity as core body temperature measurement site. <i>PLoS ONE</i> , 2017, 12, e0174120.	1.1	36
52	Body Mass Changes Across a Variety of Running Race Distances in the Tropics. <i>Sports Medicine - Open</i> , 2016, 2, 26.	1.3	10
53	Nonlinear mixed effects modelling for the analysis of longitudinal body core temperature data in healthy volunteers. <i>Physiological Measurement</i> , 2016, 37, 485-502.	1.2	8
54	Tracking body core temperature in military thermal environments: An extended Kalman filter approach. , 2016, , .		7

#	ARTICLE	IF	CITATIONS
55	Thermoregulatory responses during prolonged exercise in the heat are not affected by fluid temperatures ranging from 5 to 35°C. <i>Taiikugaku Kenkyu (Japan Journal of Physical Education Health and)</i> 2016, 41, S148-S164.	0.784	14
56	Thermal stress, human performance, and physical employment standards. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, S148-S164.	0.9	96
57	Using gait parameters to detect fatigue and responses to ice slurry during prolonged load carriage. <i>Gait and Posture</i> , 2016, 43, 17-23.	0.6	13
58	Extracellular Heat Shock Protein Responses Following 5- And 10-days Of Heat Acclimatisation In Fire-fighting Trainees. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 632.	0.2	0
59	Novel Cooling Strategies for Military Training and Operations. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, S77-S81.	1.0	21
60	Consensus recommendations on training and competing in the heat. <i>British Journal of Sports Medicine</i> , 2015, 49, 1164-1173.	3.1	195
61	Consensus Recommendations on Training and Competing in the Heat. <i>Sports Medicine</i> , 2015, 45, 925-938.	3.1	70
62	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
63	The role of fluid temperature and form on endurance performance in the heat. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 39-51.	1.3	32
64	Consensus recommendations on training and competing in the heat. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 6-19.	1.3	144
65	Are we being drowned in hydration advice? Thirsty for more?. <i>Extreme Physiology and Medicine</i> , 2014, 3, 18.	2.5	53
66	Lactose-free milk prolonged endurance capacity in lactose intolerant Asian males. <i>Journal of the International Society of Sports Nutrition</i> , 2014, 11, 49.	1.7	11
67	Effects of a carbohydrate-electrolyte solution on cognitive performance following exercise-induced hyperthermia in humans. <i>Journal of the International Society of Sports Nutrition</i> , 2014, 11, 51.	1.7	7
68	Neck cooling and cognitive performance following exercise-induced hyperthermia. <i>European Journal of Applied Physiology</i> , 2014, 114, 375-384.	1.2	80
69	S100B as a Marker for Brain Damage and Blood-Brain Barrier Disruption Following Exercise. <i>Sports Medicine</i> , 2014, 44, 369-385.	3.1	110
70	Gender Affects Serum Lipopolysaccharide Response During A Marathon Race In The Tropics. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 914-915.	0.2	0
71	Cold Drink Attenuates Heat Strain during Work-rest Cycles. <i>International Journal of Sports Medicine</i> , 2013, 34, 1037-1042.	0.8	26
72	Ice Slurry on Outdoor Running Performance in Heat. <i>International Journal of Sports Medicine</i> , 2012, 33, 859-866.	0.8	62

#	ARTICLE	IF	CITATIONS
73	Effects of heat acclimatisation on work tolerance and thermoregulation in trained tropical natives. <i>Journal of Thermal Biology</i> , 2012, 37, 366-373.	1.1	22
74	Intersubjective Comparisons Are Possible with an Accurate Use of the Borg CR Scales. <i>International Journal of Sports Physiology and Performance</i> , 2011, 6, 2-7.	1.1	14
75	Self-Paced Exercise Performance in the Heat After Pre-Exercise Cold-Fluid Ingestion. <i>Journal of Athletic Training</i> , 2011, 46, 592-599.	0.9	37
76	Exercise-Associated Hyponatremia in the Tropics. <i>International Journal of Sports Medicine</i> , 2011, 32, 815-815.	0.8	0
77	Effects of ingesting a sports drink during exercise and recovery on subsequent endurance capacity. <i>European Journal of Sport Science</i> , 2011, 11, 77-86.	1.4	13
78	First Reported Cases of Exercise-Associated Hyponatremia in Asia. <i>International Journal of Sports Medicine</i> , 2011, 32, 297-302.	0.8	31
79	Unsubstantiated Speculation on the Lack of Fluid Intake in Increasing Heat-Related Illnesses. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 2576.	1.0	0
80	Effects Of Drink Temperature After Exercise: Thermoregulatory Responses And Accuracy Of Ingestible Temperature Capsules. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 113.	0.2	3
81	Thermoregulation, pacing and fluid balance during mass participation distance running in a warm and humid environment. <i>European Journal of Applied Physiology</i> , 2010, 109, 887-898.	1.2	78
82	Effects of milk ingestion on prolonged exercise capacity in young, healthy men. <i>Nutrition</i> , 2008, 24, 340-347.	1.1	27
83	The influence of serial feeding of drinks at different temperatures on thermoregulatory responses during cycling. <i>Journal of Sports Sciences</i> , 2008, 26, 583-590.	1.0	56
84	Cold Drink Ingestion Improves Exercise Endurance Capacity in the Heat. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1637-1644.	0.2	133
85	The influence of drink temperature on thermoregulatory responses during prolonged exercise in a moderate environment. <i>Journal of Sports Sciences</i> , 2007, 25, 975-985.	1.0	55
86	Continuous Thermoregulatory Responses to Mass-Participation Distance Running in Heat. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 803-810.	0.2	151
87	Drink Temperature And Thermoregulatory Responses During Prolonged Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S28.	0.2	1
88	A web survey to evaluate the thermal stress among healthcare workers during the COVID-19 pandemic in Italy. , 0, , .		0
89	Heat Stress and Thermal Perceptions Amongst Healthcare Workers During the COVID-19 Pandemic in Developed and Developing Countries. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
90	Small changes in thermal conditions hinder marathon running performance in the tropics. <i>Temperature</i> , 0, , 1-16.	1.6	1