

# Christopher L Chapman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1557874/publications.pdf>

Version: 2024-02-01

42  
papers

574  
citations

567281

15  
h-index

642732

23  
g-index

42  
all docs

42  
docs citations

42  
times ranked

449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Both hyperthermia and dehydration during physical work in the heat contribute to the risk of acute kidney injury. <i>Journal of Applied Physiology</i> , 2020, 128, 715-728.	2.5	64
2	The Potential for Renal Injury Elicited by Physical Work in the Heat. <i>Nutrients</i> , 2019, 11, 2087.	4.1	54
3	Soft drink consumption during and following exercise in the heat elevates biomarkers of acute kidney injury. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 316, R189-R198.	1.8	54
4	Kidney physiology and pathophysiology during heat stress and the modification by exercise, dehydration, heat acclimation and aging. <i>Temperature</i> , 2021, 8, 108-159.	3.0	44
5	Skin wettedness is an important contributor to thermal behavior during exercise and recovery. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R925-R933.	1.8	31
6	Thermal Behavior Differs between Males and Females during Exercise and Recovery. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 141-152.	0.4	29
7	Occupational heat exposure and the risk of chronic kidney disease of nontraditional origin in the United States. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R141-R151.	1.8	27
8	High-fructose corn syrup-sweetened soft drink consumption increases vascular resistance in the kidneys at rest and during sympathetic activation. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, F1053-F1065.	2.7	22
9	Hemodynamic responses upon the initiation of thermoregulatory behavior in young healthy adults. <i>Temperature</i> , 2016, 3, 271-285.	3.0	18
10	Activation of autonomic thermoeffectors preceding the decision to behaviourally thermoregulate in resting humans. <i>Experimental Physiology</i> , 2016, 101, 1218-1229.	2.0	18
11	Increased skin wetness independently augments cool-seeking behaviour during passive heat stress. <i>Journal of Physiology</i> , 2020, 598, 2775-2790.	2.9	17
12	Thermal behavior remains engaged following exercise despite autonomic thermoeffector withdrawal. <i>Physiology and Behavior</i> , 2018, 188, 94-102.	2.1	16
13	The motivation to behaviorally thermoregulate during passive heat exposure in humans is dependent on the magnitude of increases in skin temperature. <i>Physiology and Behavior</i> , 2018, 194, 545-551.	2.1	16
14	Renal and segmental artery hemodynamics during whole body passive heating and cooling recovery. <i>Journal of Applied Physiology</i> , 2019, 127, 974-983.	2.5	16
15	Renal Hemodynamics During Sympathetic Activation Following Aerobic and Anaerobic Exercise. <i>Frontiers in Physiology</i> , 2019, 9, 1928.	2.8	16
16	Thermal Behavior Augments Heat Loss Following Low Intensity Exercise. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 20.	2.6	16
17	Exercise intensity independently modulates thermal behavior during exercise recovery but not during exercise. <i>Journal of Applied Physiology</i> , 2019, 126, 1150-1159.	2.5	15
18	Renal and segmental artery hemodynamic response to acute, mild hypercapnia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R822-R827.	1.8	15

#	ARTICLE	IF	CITATIONS
19	Thermal behavior alleviates thermal discomfort during steady-state exercise without affecting whole body heat loss. <i>Journal of Applied Physiology</i> , 2019, 127, 984-994.	2.5	12
20	Reliability and agreement of human renal and segmental artery hemodynamics measured using Doppler ultrasound. <i>Journal of Applied Physiology</i> , 2020, 128, 627-636.	2.5	12
21	Peripheral chemosensitivity is not blunted during 2Âh of thermoneutral head out water immersion in healthy men and women. <i>Physiological Reports</i> , 2017, 5, e13472.	1.7	10
22	Behavioral thermoregulation in older adults with cardiovascular co-morbidities. <i>Temperature</i> , 2018, 5, 70-85.	3.0	9
23	Commentaries on Point:Counterpoint: Investigators should/should not control for menstrual cycle phase when performing studies of vascular control. <i>Journal of Applied Physiology</i> , 2020, 129, 1122-1135.	2.5	8
24	Sugar-sweetened soft drink consumption acutely decreases spontaneous baroreflex sensitivity and heart rate variability. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R641-R652.	1.8	8
25	Central chemosensitivity is augmented during 2Âh of thermoneutral head out water immersion in healthy men and women. <i>Experimental Physiology</i> , 2018, 103, 714-727.	2.0	6
26	Kidney injury risk during prolonged exposure to current and projected wet bulb temperatures occurring during extreme heat events in healthy young men. <i>Journal of Applied Physiology</i> , 2022, 133, 27-40.	2.5	6
27	Assessing the risk of acute kidney injury following exercise in the heat: Timing is important. <i>Temperature</i> , 2020, 7, 304-306.	3.0	4
28	Acute Beetroot Juice Ingestion Does Not Alter Renal Hemodynamics during Normoxia and Mild Hypercapnia in Healthy Young Adults. <i>Nutrients</i> , 2021, 13, 1986.	4.1	4
29	Glomerular filtration rate reserve is reduced during mild passive heat stress in healthy young adults. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 323, R340-R350.	1.8	3
30	Mode of passive heating differentially modifies cerebral hemodynamics: Potential implications on heat therapy. <i>Journal of Physiology</i> , 2021, 599, 2789-2790.	2.9	2
31	Reply to Beunders et al.. <i>Journal of Applied Physiology</i> , 2020, 128, 1461-1461.	2.5	1
32	The requirement for physical effort reduces voluntary cooling behavior during heat exposure in humans. <i>Physiology and Behavior</i> , 2021, 232, 113350.	2.1	1
33	Heterogeneous redistribution of cerebral oxygen delivery to combined thermal and hypoxic exposure. <i>Journal of Physiology</i> , 2020, 598, 443-445.	2.9	0
34	Acute Kidney Injury Risk is Exacerbated During Prolonged Exposure to Uncompensable Heat. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
35	Sugar-Sweetened Soft Drink Consumption Acutely Modifies Cardiovascular Control in Healthy Adults. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
36	Voluntary Cooling-Seeking Behavior during Heat Exposure is Decreased When Physical Effort is Required. <i>FASEB Journal</i> , 2021, 35, .	0.5	0

#	ARTICLE	IF	CITATIONS
37	Sex Differences in Thermal Behavior During Exercise Recovery. FASEB Journal, 2018, 32, 590.20.	0.5	0
38	Renal Injury is Worsened when Consuming a Caffeinated Soft Drink during and after Exercise in the Heat. FASEB Journal, 2018, 32, 763.5.	0.5	0
39	Measurement of Renal Hemodynamics by Doppler Ultrasound during Sympathetic Activation while Heat Stressed. FASEB Journal, 2018, 32, lb254.	0.5	0
40	Perceptual and Cutaneous Vasomotor Reactivity to Sudden Changes in Ambient Temperature in Older Adults. FASEB Journal, 2018, 32, 590.18.	0.5	0
41	Predicting the Magnitudes of Hyperthermia and Hypohydration during Prolonged Exposures to Warm and Very Humid Environments. FASEB Journal, 2019, 33, 838.8.	0.5	0
42	Efficacy of Hot Water Immersion versus Aerobic Exercise Training in Lowering Blood Pressure and Improving Cardiovascular Function in Adults with Untreated Hypertension. FASEB Journal, 2022, 36, .	0.5	0