

François Haman

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

3,170
citations

304368

22
h-index

301761

39
g-index

44
all docs

44
docs citations

44
times ranked

3110
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Impaired Cold-Stimulated Supraclavicular Brown Adipose Tissue Activity in Young Boys With Obesity. <i>Diabetes</i> , 2022, 71, 1193-1204. | 0.3 | 4 |
| 2 | Thermogenic responses to different clamped skin temperatures in cold-exposed men and women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 323, R149-R160. | 0.9 | 4 |
| 3 | Human vulnerability and variability in the cold: Establishing individual risks for cold weather injuries. <i>Temperature</i> , 2022, 9, 158-195. | 1.7 | 12 |
| 4 | Heat loss responses at rest and during exercise in pregnancy: A scoping review.. <i>Journal of Thermal Biology</i> , 2021, 99, 103011. | 1.1 | 6 |
| 5 | Lower brown adipose tissue activity is associated with non-alcoholic fatty liver disease but not changes in the gut microbiota. <i>Cell Reports Medicine</i> , 2021, 2, 100397. | 3.3 | 35 |
| 6 | Human performance research for military operations in extreme cold environments. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 954-962. | 0.6 | 16 |
| 7 | Humans in the cold: Regulating energy balance. <i>Obesity Reviews</i> , 2020, 21, e12978. | 3.1 | 6 |
| 8 | Human Brown Adipocyte Thermogenesis Is Driven by β 2-AR Stimulation. <i>Cell Metabolism</i> , 2020, 32, 287-300.e7. | 7.2 | 185 |
| 9 | Relationship between the Daily Rhythm of Distal Skin Temperature and Brown Adipose Tissue ¹⁸ F-FDG Uptake in Young Sedentary Adults. <i>Journal of Biological Rhythms</i> , 2019, 34, 533-550. | 1.4 | 11 |
| 10 | Low capacity to oxidize fat and body weight. <i>Obesity Reviews</i> , 2019, 20, 1367-1383. | 3.1 | 12 |
| 11 | Seven days of cold acclimation substantially reduces shivering intensity and increases nonshivering thermogenesis in adult humans. <i>Journal of Applied Physiology</i> , 2019, 126, 1598-1606. | 1.2 | 29 |
| 12 | Levels of circulating cortisol and cytokines in members of the Canadian Armed Forces: associations with age, sex, and anthropometry. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 445-452. | 0.9 | 4 |
| 13 | Shivering and nonshivering thermogenesis in skeletal muscles. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 156, 153-173. | 1.0 | 47 |
| 14 | Brown Adipose Tissue Energy Metabolism in Humans. <i>Frontiers in Endocrinology</i> , 2018, 9, 447. | 1.5 | 223 |
| 15 | Dietary fatty acid metabolism of brown adipose tissue in cold-acclimated men. <i>Nature Communications</i> , 2017, 8, 14146. | 5.8 | 119 |
| 16 | Inhibition of Intracellular Triglyceride Lipolysis Suppresses Cold-Induced Brown Adipose Tissue Metabolism and Increases Shivering in Humans. <i>Cell Metabolism</i> , 2017, 25, 438-447. | 7.2 | 157 |
| 17 | Shivering thermogenesis in humans: Origin, contribution and metabolic requirement. <i>Temperature</i> , 2017, 4, 217-226. | 1.7 | 85 |
| 18 | Four-week cold acclimation in adult humans shifts uncoupling thermogenesis from skeletal muscles to brown adipose tissue. <i>Journal of Physiology</i> , 2017, 595, 2099-2113. | 1.3 | 95 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Explaining Performance on Military Tasks in the Canadian Armed Forces: The Importance of Morphological and Physical Fitness Characteristics. <i>Military Medicine</i> , 2016, 181, e1623-e1629. | 0.4 | 11 |
| 20 | Cognitive Performance during a 24-Hour Cold Exposure Survival Simulation. <i>BioMed Research International</i> , 2016, 2016, 1-11. | 0.9 | 3 |
| 21 | Oxidative fuel selection and shivering thermogenesis during a 12- and 24-h cold-survival simulation. <i>Journal of Applied Physiology</i> , 2016, 120, 640-648. | 1.2 | 23 |
| 22 | Selective Impairment of Glucose but Not Fatty Acid or Oxidative Metabolism in Brown Adipose Tissue of Subjects With Type 2 Diabetes. <i>Diabetes</i> , 2015, 64, 2388-2397. | 0.3 | 178 |
| 23 | A critical appraisal of brown adipose tissue metabolism in humans. <i>Clinical Lipidology</i> , 2015, 10, 259-280. | 0.4 | 20 |
| 24 | Contributions of white and brown adipose tissues and skeletal muscles to acute cold-induced metabolic responses in healthy men. <i>Journal of Physiology</i> , 2015, 593, 701-714. | 1.3 | 195 |
| 25 | Cold Acclimation in Humans: Effects of Changes in Brown Fat on the Recruitment and Shivering Pattern of Superficial Muscles. <i>FASEB Journal</i> , 2015, 29, . | 0.2 | 0 |
| 26 | Maintaining Thermogenesis in Cold Exposed Humans: Relying on Multiple Metabolic Pathways. , 2014, 4, 1383-1402. | | 33 |
| 27 | Increased Brown Adipose Tissue Oxidative Capacity in Cold-Acclimated Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E438-E446. | 1.8 | 251 |
| 28 | Shivering modulation in humans: Effects of rapid changes in environmental temperature. <i>Journal of Thermal Biology</i> , 2013, 38, 582-587. | 1.1 | 10 |
| 29 | The Costs of Local Food Procurement in Two Northern Indigenous Communities in Canada. <i>Food and Foodways</i> , 2013, 21, 132-152. | 0.5 | 27 |
| 30 | Brown adipose tissue oxidative metabolism contributes to energy expenditure during acute cold exposure in humans. <i>Journal of Clinical Investigation</i> , 2012, 122, 545-552. | 3.9 | 815 |
| 31 | Skin temperature modulation of shivering response in humans. <i>FASEB Journal</i> , 2012, 26, 1079.16. | 0.2 | 0 |
| 32 | The effects of passive heating and subsequent exercise in the heat on lipid metabolism. <i>FASEB Journal</i> , 2012, 26, 714.3. | 0.2 | 0 |
| 33 | Effect of training modality on inter-individual differences in shivering pattern in humans. <i>FASEB Journal</i> , 2012, 26, 1079.15. | 0.2 | 0 |
| 34 | Effects of the menstrual cycle on muscle recruitment and oxidative fuel selection during cold exposure. <i>Journal of Applied Physiology</i> , 2011, 111, 1014-1020. | 1.2 | 15 |
| 35 | Metabolic requirements of shivering humans. <i>Frontiers in Bioscience - Scholar</i> , 2010, S2, 1155-1168. | 0.8 | 23 |
| 36 | Cold exposure increases adiponectin levels in men. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 552-559. | 1.5 | 40 |

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|----|--|-----|-----------|
| 37 | Fueling shivering thermogenesis during passive hypothermic recovery. <i>Journal of Applied Physiology</i> , 2007, 103, 1346-1351. | 1.2 | 18 |
| 38 | Shivering in the cold: from mechanisms of fuel selection to survival. <i>Journal of Applied Physiology</i> , 2006, 100, 1702-1708. | 1.2 | 83 |
| 39 | Partitioning oxidative fuels during cold exposure in humans: muscle glycogen becomes dominant as shivering intensifies. <i>Journal of Physiology</i> , 2005, 566, 247-256. | 1.3 | 66 |
| 40 | Effects of carbohydrate availability on sustained shivering I. Oxidation of plasma glucose, muscle glycogen, and proteins. <i>Journal of Applied Physiology</i> , 2004, 96, 32-40. | 1.2 | 54 |
| 41 | Effects of carbohydrate availability on sustained shivering II. Relating muscle recruitment to fuel selection. <i>Journal of Applied Physiology</i> , 2004, 96, 41-49. | 1.2 | 58 |
| 42 | Fuel selection during intense shivering in humans: EMG pattern reflects carbohydrate oxidation. <i>Journal of Physiology</i> , 2004, 556, 305-313. | 1.3 | 58 |
| 43 | Effect of cold exposure on fuel utilization in humans: plasma glucose, muscle glycogen, and lipids. <i>Journal of Applied Physiology</i> , 2002, 93, 77-84. | 1.2 | 111 |
| 44 | Effects of hypoxia and low temperature on substrate fluxes in fish: plasma metabolite concentrations are misleading. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997, 273, R2046-R2054. | 0.9 | 28 |