

Yuval Heled

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10561597/publications.pdf>

Version: 2024-02-01

56
papers

1,840
citations

257101

24
h-index

264894

42
g-index

61
all docs

61
docs citations

61
times ranked

1629
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Plasma antioxidant status and cell injury after severe physical exercise. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5119-5123. | 3.3 | 186 |
| 2 | Fatal Exertional Heat Stroke: A Case Series. American Journal of the Medical Sciences, 2004, 328, 84-87. | 0.4 | 155 |
| 3 | Heat Stroke. Sports Medicine, 2004, 34, 501-511. | 3.1 | 95 |
| 4 | CM-MM and ACE genotypes and physiological prediction of the creatine kinase response to exercise. Journal of Applied Physiology, 2007, 103, 504-510. | 1.2 | 95 |
| 5 | The "Golden Hour" for Heatstroke Treatment. Military Medicine, 2004, 169, 184-186. | 0.4 | 93 |
| 6 | Physiological employment standards IV: integration of women in combat units physiological and medical considerations. European Journal of Applied Physiology, 2013, 113, 2673-2690. | 1.2 | 78 |
| 7 | ACSM Expert Consensus Statement on Exertional Heat Illness: Recognition, Management, and Return to Activity. Current Sports Medicine Reports, 2021, 20, 470-484. | 0.5 | 66 |
| 8 | Liver transplantation in exertional heat stroke: a medical dilemma. Intensive Care Medicine, 2004, 30, 1474-8. | 3.9 | 57 |
| 9 | Cytokines and their role in hyperthermia and heat stroke. Journal of Basic and Clinical Physiology and Pharmacology, 2013, 24, 85-96. | 0.7 | 57 |
| 10 | Return to Physical Activity After Exertional Rhabdomyolysis. Current Sports Medicine Reports, 2008, 7, 328-331. | 0.5 | 55 |
| 11 | Heat Tolerance in Women"Reconsidering the Criteria. Aviation, Space, and Environmental Medicine, 2012, 83, 58-60. | 0.6 | 49 |
| 12 | Dietary intake and stress fractures among elite male combat recruits. Journal of the International Society of Sports Nutrition, 2012, 9, 6. | 1.7 | 47 |
| 13 | Guidelines for Return to Duty (Play) after Heat Illness: A Military Perspective. Journal of Sport Rehabilitation, 2007, 16, 227-237. | 0.4 | 43 |
| 14 | Heat Tolerance Testing: Association Between Heat Intolerance and Anthropometric and Fitness Measurements. Military Medicine, 2014, 179, 1339-1346. | 0.4 | 43 |
| 15 | Genetic polymorphisms associated with exertional rhabdomyolysis. European Journal of Applied Physiology, 2013, 113, 1997-2004. | 1.2 | 42 |
| 16 | Measuring core body temperature with a non-invasive sensor. Journal of Thermal Biology, 2017, 66, 17-20. | 1.1 | 42 |
| 17 | Heat Injury Prevention"A Military Perspective. Journal of Strength and Conditioning Research, 2012, 26, S82-S86. | 1.0 | 40 |
| 18 | Exertional Heat Illness. Current Sports Medicine Reports, 2013, 12, 101-105. | 0.5 | 35 |

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|----|--|-----|-----------|
| 19 | Assessment of heat tolerance for post exertional heat stroke individuals. <i>Medical Science Monitor</i> , 2004, 10, CR252-7. | 0.5 | 31 |
| 20 | Heat Acclimation and Performance in Hypoxic Conditions. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 649-653. | 0.6 | 30 |
| 21 | Refining the distinction between heat tolerant and intolerant individuals during a Heat tolerance test. <i>Journal of Thermal Biology</i> , 2013, 38, 539-542. | 1.1 | 28 |
| 22 | Physiological and Medical Aspects That Put Women Soldiers at Increased Risk for Overuse Injuries. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, S107-S110. | 1.0 | 27 |
| 23 | Human ACE I/D polymorphism is associated with individual differences in exercise heat tolerance. <i>Journal of Applied Physiology</i> , 2004, 97, 72-76. | 1.2 | 26 |
| 24 | Physical exercise enhances hepatic insulin signaling and inhibits phosphoenolpyruvate carboxykinase activity in diabetes-prone <i>Psammomys obesus</i> . <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 836-841. | 1.5 | 24 |
| 25 | Sepsis, Septic Shock, and Fatal Exertional Heat Stroke. <i>Current Sports Medicine Reports</i> , 2015, 14, 64-69. | 0.5 | 24 |
| 26 | The validity of the heat tolerance test in prediction of recurrent exertional heat illness events. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 549-552. | 0.6 | 24 |
| 27 | Physical exercise enhances protein kinase C β activity and insulin receptor tyrosine phosphorylation in diabetes-prone <i>psammomys obesus</i> . <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 1028-1033. | 1.5 | 23 |
| 28 | Hypothermia and local cold injuries in combat and non-combat situations—the Israeli experience. <i>Aviation, Space, and Environmental Medicine</i> , 2003, 74, 281-4. | 0.6 | 22 |
| 29 | Physical exercise prevents the development of type 2 diabetes mellitus in <i>Psammomys obesus</i> . <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E370-E375. | 1.8 | 21 |
| 30 | Fatal heat stroke in children found in parked cars: autopsy findings. <i>European Journal of Pediatrics</i> , 2016, 175, 1249-1252. | 1.3 | 17 |
| 31 | Exertional Heat Stroke, the Return to Play Decision, and the Role of Heat Tolerance Testing. <i>Current Sports Medicine Reports</i> , 2018, 17, 244-248. | 0.5 | 17 |
| 32 | The thermal-circulatory ratio (TCR). <i>Temperature</i> , 2014, 1, 101-106. | 1.7 | 12 |
| 33 | The effects of smoking and nicotine ingestion on exercise heat tolerance. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2017, 28, 167-170. | 0.7 | 12 |
| 34 | Hypothermia following exertional heat stroke treatment. <i>European Journal of Applied Physiology</i> , 2011, 111, 2359-2362. | 1.2 | 10 |
| 35 | Heat tolerance after total and partial acute sleep deprivation. <i>Chronobiology International</i> , 2015, 32, 717-724. | 0.9 | 10 |
| 36 | Rhabdomyolysis After Crawling Military Training. <i>Military Medicine</i> , 2017, 182, e1948-e1952. | 0.4 | 10 |

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|----|--|-----|-----------|
| 37 | Astaxanthin supplementation impacts the cellular HSP expression profile during passive heating. <i>Cell Stress and Chaperones</i> , 2020, 25, 549-558. | 1.2 | 9 |
| 38 | Heat strain attenuation while wearing NBC clothing: dry-ice vest compared to water spray. <i>Aviation, Space, and Environmental Medicine</i> , 2004, 75, 391-6. | 0.6 | 9 |
| 39 | Cognitive Effects of Astaxanthin Pretreatment on Recovery From Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2020, 11, 999. | 1.1 | 8 |
| 40 | Astaxanthin Improves Aerobic Exercise Recovery Without Affecting Heat Tolerance in Humans. <i>Frontiers in Sports and Active Living</i> , 2019, 1, 17. | 0.9 | 7 |
| 41 | Physiological Differences Between Heat Tolerant and Heat Intolerant Young Healthy Women. <i>Research Quarterly for Exercise and Sport</i> , 2019, 90, 307-317. | 0.8 | 7 |
| 42 | The "Morning Voice" The Effect of 24 Hours of Sleep Deprivation on Vocal Parameters of Young Adults. <i>Journal of Voice</i> , 2020, 34, 489.e1-489.e9. | 0.6 | 7 |
| 43 | Combined Environmental Stress and Physiological Strain Indices for Physical Training Guidelines. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2003, 14, 17-30. | 0.7 | 6 |
| 44 | Gene expression profiling of humans under exertional heat stress: Comparisons between persons with and without exertional heat stroke. <i>Journal of Thermal Biology</i> , 2019, 85, 102423. | 1.1 | 5 |
| 45 | Validation of the environmental stress index (ESI) for physiological variables. <i>Elsevier Ergonomics Book Series</i> , 2005, 3, 495-501. | 0.1 | 4 |
| 46 | Return to duty/play after exertional heat injury: do we have all the answers? A lesson from two case studies. <i>Disaster and Military Medicine</i> , 2015, 1, 18. | 1.0 | 4 |
| 47 | Physiological and cognitive military related performances after 10-kilometer march. <i>Disaster and Military Medicine</i> , 2015, 1, 6. | 1.0 | 4 |
| 48 | The relation between central variables, electromyography signals and peripheral microcirculation during intensive treadmill exercise. <i>Clinical Biomechanics</i> , 2019, 67, 52-60. | 0.5 | 4 |
| 49 | The Biomechanical Basis for Increased Risk of Overuse Musculoskeletal Injuries in Female Soldiers. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2015, , 187-206. | 0.7 | 3 |
| 50 | Wheeled assistive device for load carriage " the effects on human gait and biomechanics. <i>Ergonomics</i> , 2017, 60, 1415-1424. | 1.1 | 3 |
| 51 | Exertional sodium loss does not increase immediate salt appetite or dietary sodium intake in athletes. <i>Appetite</i> , 2021, 162, 105181. | 1.8 | 3 |
| 52 | Physiological Evaluation of a Wheeled Assistive Device for Load Carriage. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, S139-S143. | 1.0 | 2 |
| 53 | Heat Tolerance Testing. , 2018, , 213-227. | | 2 |
| 54 | Hyponatremia Following a Marathon, A Multifactorial Case with over Infusion of Fluids. <i>Current Sports Medicine Reports</i> , 2019, 18, 115-117. | 0.5 | 2 |

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|----|--|-----|-----------|
| 55 | Developing and Validating Virtual Reality Tool for the Evaluation of Cognitive and Physical Performance During Simulated lengthy field March. , 2019, , . | | 0 |
| 56 | Astaxanthin and Olive Oil Pretreatment Improves Recovery of Motor and Cognitive Skills in a Closed Head Injury TBI Model in Male Sabra Mice. FASEB Journal, 2018, 32, 877.1. | 0.2 | 0 |