# Douglas Casa

List of Publications by Year
in descending order

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|---|---|---|---|
| 314<br>papers | 10,582<br>citations | 41344<br>49<br>h-index | 43889<br>91<br>g-index |
| 318<br>all docs | 318<br>docs citations | 318<br>times ranked | 4825<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Exertional Heat Illness during Training and Competition. Medicine and Science in Sports and Exercise, 2007, 39, 556-572. | 0.4 | 808 |
| 2 | National Athletic Trainers' Association Position Statement: Exertional Heat Illnesses. Journal of Athletic Training, 2015, 50, 986-1000. | 1.8 | 505 |
| 3 | Cold Water Immersion. Exercise and Sport Sciences Reviews, 2007, 35, 141-149. | 3.0 | 248 |
| 4 | National Athletic Trainers' Association Position Statement: Fluid Replacement for the Physically Active. Journal of Athletic Training, 2017, 52, 877-895. | 1.8 | 242 |
| 5 | Biomarkers in Sports and Exercise: Tracking Health, Performance, and Recovery in Athletes. Journal of Strength and Conditioning Research, 2017, 31, 2920-2937. | 2.1 | 232 |
| 6 | Mild dehydration impairs cognitive performance and mood of men. British Journal of Nutrition, 2011, 106, 1535-1543. | 2.3 | 221 |
| 7 | National Athletic Trainers' Association Position Statement: Preventing Sudden Death in Sports. Journal of Athletic Training, 2012, 47, 96-118. | 1.8 | 201 |
| 8 | National Athletic Trainers' Association Position Statement: Exertional Heat Illnesses. Journal of Athletic Training, 2002, 37, 329-343. | 1.8 | 190 |
| 9 | Exertional Heat Stroke. Current Sports Medicine Reports, 2012, 11, 115-123. | 1.2 | 185 |
| 10 | Hydration and Muscular Performance. Sports Medicine, 2007, 37, 907-921. | 6.5 | 184 |
| 11 | American College of Sports Medicine Roundtable on Hydration and Physical Activity. Current Sports Medicine Reports, 2005, 4, 115-127. | 1.2 | 177 |
| 12 | Acute Whole-Body Cooling for Exercise-Induced Hyperthermia: A Systematic Review. Journal of Athletic Training, 2009, 44, 84-93. | 1.8 | 172 |
| 13 | Mild Dehydration Affects Mood in Healthy Young Women,. Journal of Nutrition, 2012, 142, 382-388. | 2.9 | 165 |
| 14 | Athletic Training Services in Public Secondary Schools: A Benchmark Study. Journal of Athletic Training, 2015, 50, 156-162. | 1.8 | 157 |
| 15 | Validity of devices that assess body temperature during outdoor exercise in the heat. Journal of Athletic Training, 2007, 42, 333-42. | 1.8 | 151 |
| 16 | Effectiveness of Cold Water Immersion in the Treatment of Exertional Heat Stroke at the Falmouth Road Race. Medicine and Science in Sports and Exercise, 2015, 47, 240-245. | 0.4 | 148 |
| 17 | Caffeine Use in Sports: Considerations for the Athlete. Journal of Strength and Conditioning Research, 2008, 22, 978-986. | 2.1 | 146 |
| 18 | Validity and Reliability of Devices That Assess Body Temperature During Indoor Exercise in the Heat. Journal of Athletic Training, 2009, 44, 124-135. | 1.8 | 145 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Epidemiology of Exertional Heat Illness Among U.S. High School Athletes. American Journal of Preventive Medicine, 2013, 44, 8-14. | 3.0 | 140 |
| 20 | Influence of Hydration on Physiological Function and Performance During Trail Running in the Heat. Journal of Athletic Training, 2010, 45, 147-156. | 1.8 | 134 |
| 21 | Work-Family Conflict, Part II: Job and Life Satisfaction in National Collegiate Athletic Association Division I-A Certified Athletic Trainers. Journal of Athletic Training, 2008, 43, 513-522. | 1.8 | 124 |
| 22 | Exertional Heat Stroke in Competitive Athletes. Current Sports Medicine Reports, 2005, 4, 309-317. | 1.2 | 119 |
| 23 | Preseason Heat-Acclimatization Guidelines for Secondary School Athletics. Journal of Athletic Training, 2009, 44, 332-333. | 1.8 | 118 |
| 24 | The Inter-Association Task Force for Preventing Sudden Death in Secondary School Athletics Programs: Best-Practices Recommendations. Journal of Athletic Training, 2013, 48, 546-553. | 1.8 | 114 |
| 25 | The American Football Uniform: Uncompensable Heat Stress and Hyperthermic Exhaustion. Journal of Athletic Training, 2010, 45, 117-127. | 1.8 | 112 |
| 26 | International Association of Athletics Federations Consensus Statement 2019: Nutrition for Athletics. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 73-84. | 2.1 | 110 |
| 27 | Work-Family Conflict, Part I: Antecedents of Work-Family Conflict in National Collegiate Athletic Association Division I-A Certified Athletic Trainers. Journal of Athletic Training, 2008, 43, 505-512. | 1.8 | 105 |
| 28 | Consensus Statement- Prehospital Care of Exertional Heat Stroke. Prehospital Emergency Care, 2018, 22, 392-397. | 1.8 | 101 |
| 29 | Effect of Hydration State on Strength, Power, and Resistance Exercise Performance. Medicine and Science in Sports and Exercise, 2007, 39, 1817-1824. | 0.4 | 100 |
| 30 | Fluid, Electrolyte, and Renal Indices of Hydration during 11 Days of Controlled Caffeine Consumption. International Journal of Sport Nutrition and Exercise Metabolism, 2005, 15, 252-265. | 2.1 | 94 |
| 31 | Assessing Strategies to Manage Work and Life Balance of Athletic Trainers Working in the National Collegiate Athletic Association Division I Setting. Journal of Athletic Training, 2011, 46, 194-205. | 1.8 | 80 |
| 32 | Effect of hydration state on resistance exercise-induced endocrine markers of anabolism, catabolism, and metabolism. Journal of Applied Physiology, 2008, 105, 816-824. | 2.5 | 79 |
| 33 | Youth Football: Heat Stress and Injury Risk. Medicine and Science in Sports and Exercise, 2005, 37, 1421-1430. | 0.4 | 78 |
| 34 | Hydration Biomarkers and Dietary Fluid Consumption of Women. Journal of the Academy of Nutrition and Dietetics, 2012, 112, 1056-1061. | 0.8 | 76 |
| 35 | Caffeine, Fluid-Electrolyte Balance, Temperature Regulation, and Exercise-Heat Tolerance. Exercise and Sport Sciences Reviews, 2007, 35, 135-140. | 3.0 | 69 |
| 36 | Body Cooling Between Two Bouts of Exercise in the Heat Enhances Subsequent Performance. Journal of Strength and Conditioning Research, 2006, 20, 383. | 2.1 | 67 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Comparison of Rectal and Aural Core Body Temperature Thermometry in Hyperthermic, Exercising Individuals: A Meta-Analysis. Journal of Athletic Training, 2012, 47, 329-338. | 1.8 | 66 |
| 38 | Environmental Conditions and the Occurrence of Exertional Heat Illnesses and Exertional Heat Stroke at the Falmouth Road Race. Journal of Athletic Training, 2014, 49, 478-485. | 1.8 | 64 |
| 39 | Cold-Water Immersion and the Treatment of Hyperthermia: Using 38.6Â°C as a Safe Rectal Temperature Cooling Limit. Journal of Athletic Training, 2010, 45, 439-444. | 1.8 | 61 |
| 40 | Recovery and Return to Activity Following Exertional Heat Stroke: Considerations for the Sports Medicine Staff. Journal of Sport Rehabilitation, 2007, 16, 163-181. | 1.0 | 59 |
| 41 | Thermoregulatory Responses and Hydration Practices in Heat-Acclimatized Adolescents During Preseason High School Football. Journal of Athletic Training, 2010, 45, 136-146. | 1.8 | 59 |
| 42 | Is Oral Temperature an Accurate Measurement of Deep Body Temperature? A Systematic Review. Journal of Athletic Training, 2011, 46, 566-573. | 1.8 | 56 |
| 43 | Practical Hydration Solutions for Sports. Nutrients, 2019, 11, 1550. | 4.1 | 55 |
| 44 | Current Knowledge, Attitudes, and Practices of Certified Athletic Trainers Regarding Recognition and Treatment of Exertional Heat Stroke. Journal of Athletic Training, 2010, 45, 170-180. | 1.8 | 54 |
| 45 | Caffeine and diuresis during rest and exercise: A meta-analysis. Journal of Science and Medicine in Sport, 2015, 18, 569-574. | 1.3 | 54 |
| 46 | The Association between Mandated Preseason Heat Acclimatization Guidelines and Exertional Heat Illness during Preseason High School American Football Practices. Environmental Health Perspectives, 2019, 127, 47003. | 6.0 | 54 |
| 47 | Immersion Treatment for Exertional Hyperthermia. Medicine and Science in Sports and Exercise, 2010, 42, 1246-1252. | 0.4 | 52 |
| 48 | Intravenous versus oral rehydration during a brief period: responses to subsequent exercise in the heat. Medicine and Science in Sports and Exercise, 2000, 32, 124. | 0.4 | 51 |
| 49 | Influence of Diuretic-Induced Dehydration on Competitive Sprint and Power Performance. Medicine and Science in Sports and Exercise, 2005, 37, 1168-1174. | 0.4 | 50 |
| 50 | Comparison of Body Cooling Methods on Physiological and Perceptual Measures of Mildly Hyperthermic Athletes. Journal of Strength and Conditioning Research, 2011, 25, 2065-2074. | 2.1 | 50 |
| 51 | Rehydration with glycerol: endocrine, cardiovascular, and thermoregulatory responses during exercise in the heat. Journal of Applied Physiology, 2006, 100, 442-450. | 2.5 | 49 |
| 52 | Heat Acclimatization and Hydration Status of American Football Players During Initial Summer Workouts. Journal of Strength and Conditioning Research, 2006, 20, 463. | 2.1 | 49 |
| 53 | Hydration Status, Knowledge, and Behavior in Youths at Summer Sports Camps. International Journal of Sports Physiology and Performance, 2008, 3, 262-278. | 2.3 | 48 |
| 54 | Undergraduate Athletic Training Students' Influences on Career Decisions After Graduation. Journal of Athletic Training, 2012, 47, 679-693. | 1.8 | 48 |

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|---|---|---|---|
| 55 | Exertional Heat Illness in American Football Players: When Is the Risk Greatest?. Journal of Athletic Training, 2016, 51, 593-600. | 1.8 | 48 |
| 56 | Tarp-Assisted Cooling as a Method of Whole-Body Cooling in Hyperthermic Individuals. Annals of Emergency Medicine, 2017, 69, 347-352. | 0.6 | 48 |
| 57 | Perceptual responses in the heat after brief intravenous versus oral rehydration. Medicine and Science in Sports and Exercise, 2001, 33, 1039-1045. | 0.4 | 47 |
| 58 | Fatal Exertional Heat Stroke and American Football Players: The Need for Regional Heat-Safety Guidelines. Journal of Athletic Training, 2018, 53, 43-50. | 1.8 | 47 |
| 59 | Effect of chronic caffeine intake on choice reaction time, mood, and visual vigilance. Physiology and Behavior, 2005, 85, 629-634. | 2.1 | 46 |
| 60 | Does Creatine Supplementation Hinder Exercise Heat Tolerance or Hydration Status? A Systematic Review With Meta-Analyses. Journal of Athletic Training, 2009, 44, 215-223. | 1.8 | 46 |
| 61 | Fluid Balance and Hydration Considerations for Women: Review and Future Directions. Sports Medicine, 2020, 50, 253-261. | 6.5 | 46 |
| 62 | Epidemiology of Exertional Heat Illnesses in Youth, High School, and College Football. Medicine and Science in Sports and Exercise, 2016, 48, 1523-1529. | 0.4 | 45 |
| 63 | Athletic Trainer Services in Public and Private Secondary Schools. Journal of Athletic Training, 2017, 52, 5-11. | 1.8 | 45 |
| 64 | Athletic Trainer Services in the Secondary School Setting: The Athletic Training Locations and Services Project. Journal of Athletic Training, 2019, 54, 1129-1139. | 1.8 | 44 |
| 65 | Ice-Water Immersion and Cold-Water Immersion Provide Similar Cooling Rates in Runners With Exercise-Induced Hyperthermia. Journal of Athletic Training, 2002, 37, 146-150. | 1.8 | 44 |
| 66 | The Inter-Association Task Force for Preventing Sudden Death in Collegiate Conditioning Sessions: Best Practices Recommendations. Journal of Athletic Training, 2012, 47, 477-480. | 1.8 | 43 |
| 67 | Physical Demands of National Collegiate Athletic Association Division I Football Players During Preseason Training in the Heat. Journal of Strength and Conditioning Research, 2011, 25, 2935-2943. | 2.1 | 42 |
| 68 | Hydration Status, Sweat Rates, and Rehydration Education of Youth Football Campers. Journal of Sport Rehabilitation, 2009, 18, 535-552. | 1.0 | 41 |
| 69 | Validity of Core Temperature Measurements at 3 Rectal Depths During Rest, Exercise, Cold-Water Immersion, and Recovery. Journal of Athletic Training, 2017, 52, 332-338. | 1.8 | 41 |
| 70 | Intermittent exercise-heat exposures and intense physical activity sustain heat acclimation adaptations. Journal of Science and Medicine in Sport, 2019, 22, 117-122. | 1.3 | 41 |
| 71 | Activity modification in heat: critical assessment of guidelines across athletic, occupational, and military settings in the USA. International Journal of Biometeorology, 2019, 63, 405-427. | 3.0 | 40 |
| 72 | Optimizing Cold Water Immersion for Exercise-Induced Hyperthermia. Medicine and Science in Sports and Exercise, 2015, 47, 2464-2472. | 0.4 | 39 |

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| 73 | Markers of the hydration process during fluid volume modification in women with habitual high or low daily fluid intakes. European Journal of Applied Physiology, 2015, 115, 1067-1074. | 2.5 | 39 |
| 74 | Hormonal and Thirst Modulated Maintenance of Fluid Balance in Young Women with Different Levels of Habitual Fluid Consumption. Nutrients, 2016, 8, 302. | 4.1 | 39 |
| 75 | Intravenous vs. oral rehydration: effects on subsequent exercise-heat stress. Journal of Applied Physiology, 1997, 82, 799-806. | 2.5 | 37 |
| 76 | Exertional Heat Stroke Management Strategies in United States High School Football. American Journal of Sports Medicine, 2014, 42, 70-77. | 4.2 | 36 |
| 77 | Cold-Water Dousing with Ice Massage to Treat Exertional Heat Stroke: A Case Series. Aviation, Space, and Environmental Medicine, 2009, 80, 720-722. | 0.5 | 35 |
| 78 | Perceptual Responses While Wearing an American Football Uniform in the Heat. Journal of Athletic Training, 2010, 45, 107-116. | 1.8 | 35 |
| 79 | Novel hydration assessment techniques employing thirst and a water intake challenge in healthy men. Applied Physiology, Nutrition and Metabolism, 2014, 39, 138-144. | 1.9 | 34 |
| 80 | The Timing of Exertional Heat Stroke Survival Starts prior to Collapse. Current Sports Medicine Reports, 2015, 14, 273-274. | 1.2 | 34 |
| 81 | Exertional heat illness incidence and on-site medical team preparedness in warm weather. International Journal of Biometeorology, 2018, 62, 1147-1153. | 3.0 | 34 |
| 82 | The Socioecological Framework: A Multifaceted Approach to Preventing Sport-Related Deaths in High School Sports. Journal of Athletic Training, 2019, 54, 356-360. | 1.8 | 33 |
| 83 | Monitoring Blood Biomarkers and Training Load Throughout a Collegiate Soccer Season. Journal of Strength and Conditioning Research, 2019, 33, 3065-3077. | 2.1 | 33 |
| 84 | Exertional Heat Stroke, Modality Cooling Rate, and Survival Outcomes: A Systematic Review. Medicina (Lithuania), 2020, 56, 589. | 2.0 | 33 |
| 85 | Menstrual cycle and thermoregulation during exercise in the heat: A systematic review and meta-analysis. Journal of Science and Medicine in Sport, 2020, 23, 1134-1140. | 1.3 | 33 |
| 86 | Effect of ambient temperature on caffeine ergogenicity during endurance exercise. European Journal of Applied Physiology, 2011, 111, 1135-1146. | 2.5 | 32 |
| 87 | Eleven days of moderate exercise and heat exposure induces acclimation without significant HSP70 and apoptosis responses of lymphocytes in college-aged males. Cell Stress and Chaperones, 2012, 17, 29-39. | 2.9 | 32 |
| 88 | Epidemiology of Exertional Heat Illnesses in National Collegiate Athletic Association Athletes During the 2009â€“2010 Through 2014â€“2015 Academic Years. Journal of Athletic Training, 2019, 54, 55-63. | 1.8 | 31 |
| 89 | Rehydration with a Caffeinated Beverage during the Nonexercise Periods of 3 Consecutive Days of 2-a-Day Practices. International Journal of Sport Nutrition and Exercise Metabolism, 2004, 14, 419-429. | 2.1 | 30 |
| 90 | State-Level Implementation of Health and Safety Policies to Prevent Sudden Death and Catastrophic Injuries Within Secondary School Athletics. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711772726. | 1.7 | 29 |

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|---|---|---|---|
| 91 | Sport Safety Policy Changes: Saving Lives and Protecting Athletes. Journal of Athletic Training, 2016, 51, 358-360. | 1.8 | 28 |
| 92 | Match Demands of National Collegiate Athletic Association Division I Men's Soccer. Journal of Strength and Conditioning Research, 2018, 32, 2907-2917. | 2.1 | 28 |
| 93 | Epidemiology of Sudden Death in Organized Youth Sports in the United States, 2007â€“2015. Journal of Athletic Training, 2019, 54, 349-355. | 1.8 | 28 |
| 94 | Methods to Evaluate Electrolyte and Water Turnover of Athletes. Athletic Training & Sports Health Care, 2009, 1, 169-179. | 0.4 | 28 |
| 95 | Hypohydration and Hyperthermia Impair Neuromuscular Control after Exercise. Medicine and Science in Sports and Exercise, 2013, 45, 1166-1173. | 0.4 | 27 |
| 96 | Athletic Directors' Barriers to Hiring Athletic Trainers in High Schools. Journal of Athletic Training, 2015, 50, 1059-1068. | 1.8 | 27 |
| 97 | Evidence-Based Approach to Lingering Hydration Questions. Clinics in Sports Medicine, 2007, 26, 1-16. | 1.8 | 26 |
| 98 | Athletic Trainer Services in US Private Secondary Schools. Journal of Athletic Training, 2016, 51, 717-726. | 1.8 | 26 |
| 99 | Emergency Action Planning in Secondary School Athletics: A Comprehensive Evaluation of Current Adoption of Best Practice Standards. Journal of Athletic Training, 2019, 54, 99-105. | 1.8 | 25 |
| 100 | Relationships between resting heart rate, heart rate variability and sleep characteristics among female collegiate crossâ€country athletes. Journal of Sleep Research, 2019, 28, e12836. | 3.2 | 24 |
| 101 | The Validity and Reliability of Global Positioning System Units for Measuring Distance and Velocity During Linear and Team Sport Simulated Movements. Journal of Strength and Conditioning Research, 2020, 34, 3070-3077. | 2.1 | 24 |
| 102 | Heat Policy Revision for Georgia High School Football Practices Based on Data-Driven Research. Journal of Athletic Training, 2020, 55, 673-681. | 1.8 | 24 |
| 103 | Habitual total water intake and dimensions of mood in healthy young women. Appetite, 2015, 92, 81-86. | 3.7 | 23 |
| 104 | American football and fatal exertional heat stroke: a case study of Korey Stringer. International Journal of Biometeorology, 2017, 61, 1471-1480. | 3.0 | 23 |
| 105 | Acute Sport-Related Concussion Screening for Collegiate Athletes Using an Instrumented Balance Assessment. Journal of Athletic Training, 2018, 53, 597-605. | 1.8 | 23 |
| 106 | Translating Science Into Practice: The Perspective of the Doha 2019 IAAF World Championships in the Heat. Frontiers in Sports and Active Living, 2019, 1, 39. | 1.8 | 23 |
| 107 | Prehospital management of exertional heat stroke at sports competitions: International Olympic Committee Adverse Weather Impact Expert Working Group for the Olympic Games Tokyo 2020. British Journal of Sports Medicine, 2021, 55, 1405-1410. | 6.7 | 23 |
| 108 | Heat Safety in the Workplace: Modified Delphi Consensus to Establish Strategies and Resources to Protect the US Workers. GeoHealth, 2021, 5, e2021GH000443. | 4.0 | 23 |

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|---|---|---|---|
| 109 | The Heat Strain of Various Athletic Surfaces: A Comparison Between Observed and Modeled Wet-Bulb Globe Temperatures. Journal of Athletic Training, 2017, 52, 1056-1064. | 1.8 | 22 |
| 110 | A multi-scalar climatological analysis in preparation for extreme heat at the Tokyo 2020 Olympic and Paralympic Games. Temperature, 2020, 7, 191-214. | 3.0 | 22 |
| 111 | Thermoregulatory responses to exercise in the heat: chronic caffeine intake has no effect. Aviation, Space, and Environmental Medicine, 2006, 77, 124-9. | 0.5 | 22 |
| 112 | The Secondary School Football Coach's Relationship With the Athletic Trainer and Perspectives on Exertional Heat Stroke. Journal of Athletic Training, 2014, 49, 469-477. | 1.8 | 21 |
| 113 | Body-Cooling Paradigm in Sport: Maximizing Safety and Performance During Competition. Journal of Sport Rehabilitation, 2016, 25, 382-394. | 1.0 | 21 |
| 114 | An Exertional Heat Stroke Survivorâ€™s Return to Running: An Integrated Approach on Treatment, Recovery, and Return to Activity. Journal of Sport Rehabilitation, 2016, 25, 280-287. | 1.0 | 21 |
| 115 | A Tale of Two Heat Strokes. Current Sports Medicine Reports, 2016, 15, 94-97. | 1.2 | 21 |
| 116 | Fluid Needs for Training, Competition, and Recovery in Track-and-Field Athletes. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 175-180. | 2.1 | 21 |
| 117 | Contextual Factors Influencing External and Internal Training Loads in Collegiate Men's Soccer. Journal of Strength and Conditioning Research, 2020, 34, 374-381. | 2.1 | 21 |
| 118 | Influence of a Pre-Exercise Glycerol Hydration Beverage on Performance and Physiologic Function During Mountain-Bike Races in the Heat. Journal of Athletic Training, 2004, 39, 169-175. | 1.8 | 21 |
| 119 | Exertional Heat Stroke. Current Sports Medicine Reports, 2017, 16, 304-305. | 1.2 | 20 |
| 120 | Is Heat Intolerance State or Trait?. Sports Medicine, 2019, 49, 365-370. | 6.5 | 20 |
| 121 | Caffeine lowers muscle pain during exercise in hot but not cool environments. Physiology and Behavior, 2011, 102, 429-435. | 2.1 | 19 |
| 122 | Bike and run pacing on downhill segments predict Ironman triathlon relative success. Journal of Science and Medicine in Sport, 2015, 18, 82-87. | 1.3 | 19 |
| 123 | Extreme Heat Considerations in International Football Venues: The Utility of Climatologic Data in Decision Making. Journal of Athletic Training, 2018, 53, 860-865. | 1.8 | 19 |
| 124 | Wireless measurement of rectal temperature during exercise: Comparing an ingestible thermometric telemetric pill used as a suppository against a conventional rectal probe. Journal of Thermal Biology, 2019, 83, 112-118. | 2.5 | 19 |
| 125 | Emergency Action Plans in Secondary Schools: Barriers, Facilitators, and Social Determinants Affecting Implementation. Journal of Athletic Training, 2020, 55, 80-87. | 1.8 | 19 |
| 126 | Sleep Dysfunction and Mood in Collegiate Soccer Athletes. Sports Health, 2020, 12, 234-240. | 2.7 | 19 |

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|---|---|---|---|
| 127 | Warming up with an ice vest: core body temperature before and after cross-country racing. Journal of Athletic Training, 2006, 41, 371-4. | 1.8 | 19 |
| 128 | The Epidemiology and Management of Exertional Heat Illnesses in High School Sports During the 2012/2013â€“2016/2017 Academic Years. Journal of Sport Rehabilitation, 2020, 29, 332-338. | 1.0 | 18 |
| 129 | Creatine use and exercise heat tolerance in dehydrated men. Journal of Athletic Training, 2006, 41, 18-29. | 1.8 | 18 |
| 130 | Intravenous versus Oral Rehydration during a Brief Period: Stress Hormone Responses to Subsequent Exhaustive Exercise in the Heat. International Journal of Sport Nutrition and Exercise Metabolism, 2000, 10, 361-374. | 2.1 | 17 |
| 131 | Evidence-Based Medicine and the Recognition and Treatment of Exertional Heat Stroke, Part II: A Perspective From the Clinical Athletic Trainer. Journal of Athletic Training, 2011, 46, 533-542. | 1.8 | 17 |
| 132 | Interleukin-6 Responses to Water Immersion Therapy After Acute Exercise Heat Stress: A Pilot Investigation. Journal of Athletic Training, 2012, 47, 655-663. | 1.8 | 17 |
| 133 | Reduction in body temperature using hand cooling versus passive rest after exercise in the heat. Journal of Science and Medicine in Sport, 2016, 19, 936-940. | 1.3 | 17 |
| 134 | Seasonal Accumulated Workloads in Collegiate Men's Soccer: A Comparison of Starters and Reserves. Journal of Strength and Conditioning Research, 2021, 35, 3184-3189. | 2.1 | 17 |
| 135 | Wearable and telemedicine innovations for Olympic events and elite sport. Journal of Sports Medicine and Physical Fitness, 2021, 61, 1061-1072. | 0.7 | 17 |
| 136 | Creatine supplementation and anterior compartment pressure during exercise in the heat in dehydrated men. Journal of Athletic Training, 2006, 41, 30-5. | 1.8 | 17 |
| 137 | Influence of circulating cytokines on prolactin during slow vs. fast exertional heat stress followed by active or passive recovery. Journal of Applied Physiology, 2012, 113, 574-583. | 2.5 | 16 |
| 138 | Round Table on Malignant Hyperthermia in Physically Active Populations: Meeting Proceedings. Journal of Athletic Training, 2017, 52, 377-383. | 1.8 | 16 |
| 139 | The Utility of Thirst as a Measure of Hydration Status Following Exercise-Induced Dehydration. Nutrients, 2019, 11, 2689. | 4.1 | 16 |
| 140 | Roundtable on Preseason Heat Safety in Secondary School Athletics: Heat Acclimatization. Journal of Athletic Training, 2021, 56, 352-361. | 1.8 | 16 |
| 141 | Effects of Face Mask Use on Objective and Subjective Measures of Thermoregulation During Exercise in the Heat. Sports Health, 2021, 13, 463-470. | 2.7 | 16 |
| 142 | Intravenous versus Oral Rehydration. Current Sports Medicine Reports, 2008, 7, S41-S49. | 1.2 | 15 |
| 143 | Compliance With the National Athletic Trainers' Association Inter-Association Task Force Preseason Heat-Acclimatization Guidelines in High School Football. Journal of Athletic Training, 2019, 54, 749-757. | 1.8 | 15 |
| 144 | Exertional Heat-Stroke Preparedness in High School Football by Region and State Mandate Presence. Journal of Athletic Training, 2019, 54, 921-928. | 1.8 | 15 |

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|---|---|---|---|
| 145 | Validation of a Machine Learning Brain Electrical Activityâ€“Based Index to Aid in Diagnosing Concussion Among Athletes. JAMA Network Open, 2021, 4, e2037349. | 5.9 | 15 |
| 146 | Impact of occupational heat stress on worker productivity and economic cost. American Journal of Industrial Medicine, 2021, 64, 981-988. | 2.1 | 15 |
| 147 | Evidence-Based Practice and the Recognition and Treatment of Exertional Heat Stroke, Part I: A Perspective From the Athletic Training Educator. Journal of Athletic Training, 2011, 46, 523-532. | 1.8 | 14 |
| 148 | Comparison of Two Fluid Replacement Protocols During a 20-km Trail Running Race in the Heat. Journal of Strength and Conditioning Research, 2016, 30, 2609-2616. | 2.1 | 14 |
| 149 | Comparison of Gastrointestinal and Rectal Temperatures During Recovery After a Warm-Weather Road Race. Journal of Athletic Training, 2016, 51, 382-388. | 1.8 | 14 |
| 150 | Metabolism, bioenergetics and thermal physiology: influences of the human intestinal microbiota. Nutrition Research Reviews, 2019, 32, 205-217. | 4.1 | 14 |
| 151 | Acute Kidney Injury Biomarker Responses to Short-Term Heat Acclimation. International Journal of Environmental Research and Public Health, 2020, 17, 1325. | 2.6 | 14 |
| 152 | Validity of Field Expedient Devices to Assess Core Temperature During Exercise in the Cold. Aviation, Space, and Environmental Medicine, 2011, 82, 1098-1103. | 0.5 | 13 |
| 153 | Mild Dehydration Identification Using Machine Learning to Assess Autonomic Responses to Cognitive Stress. Nutrients, 2020, 12, 42. | 4.1 | 13 |
| 154 | Diffusion Tensor Imaging Indicators of White Matter Injury Are Correlated with a Multimodal Electroencephalography-Based Biomarker in Slow Recovering, Concussed Collegiate Athletes. Journal of Neurotrauma, 2020, 37, 2093-2101. | 3.4 | 13 |
| 155 | A 3-D virtual human thermoregulatory model to predict whole-body and organ-specific heat-stress responses. European Journal of Applied Physiology, 2021, 121, 2543-2562. | 2.5 | 13 |
| 156 | Should Coaches Be in Charge of Care for Medical Emergencies in High School Sport?. Athletic Training & Sports Health Care, 2009, 1, 144-146. | 0.4 | 13 |
| 157 | Historical Perspectives on Medical Care for Heat Stroke, Part 1: Ancient Times Through the Nineteenth Century: A Review of the Literature. Athletic Training & Sports Health Care, 2010, 2, 132-138. | 0.4 | 13 |
| 158 | Exertional Heat Stroke in the Athletic Setting: A Review of the Literature. Athletic Training & Sports Health Care, 2011, 3, 189-200. | 0.4 | 13 |
| 159 | Survival Strategy: Acute Treatment of Exertional Heat Stroke. Journal of Strength and Conditioning Research, 2006, 20, 462. | 2.1 | 13 |
| 160 | No Effect of 5% Hypohydration on Running Economy of Competitive Runners at 23Â°C. Medicine and Science in Sports and Exercise, 2006, 38, 1762-1769. | 0.4 | 12 |
| 161 | Case-Based Analogical Reasoning: A Pedagogical Tool for Promotion of Clinical Reasoning. Athletic Training Education Journal, 2012, 7, 129-136. | 0.5 | 12 |
| 162 | Exertional Heat Stroke: Strategies for Prevention and Treatment From the Sports Field to the Emergency Department. Clinical Pediatric Emergency Medicine, 2013, 14, 267-278. | 0.4 | 12 |

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| 163 | Treatment of exertional heat stress developed during low or moderate physical work. European Journal of Applied Physiology, 2014, 114, 2551-2560. | 2.5 | 12 |
| 164 | Effects of Three Oral Nutritional Supplements on Human Hydration Indices. International Journal of Sport Nutrition and Exercise Metabolism, 2016, 26, 356-362. | 2.1 | 12 |
| 165 | The Inter-Association Task Force Document on Emergency Health and Safety: Best-Practice Recommendations for Youth Sports Leagues. Journal of Athletic Training, 2017, 52, 384-400. | 1.8 | 12 |
| 166 | Preventing Death from Exertional Heat Strokeâ€"The Long Road from Evidence to Policy. Kinesiology Review, 2017, 6, 99-109. | 0.6 | 12 |
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