

Hayden W Hyatt

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

895
citations

586496

16
h-index

563245

28
g-index

35
all docs

35
docs citations

35
times ranked

1388
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Exercise-induced oxidative stress: Friend or foe?. <i>Journal of Sport and Health Science</i> , 2020, 9, 415-425. | 3.3 | 270 |
| 2 | Mitochondrial dysfunction induces muscle atrophy during prolonged inactivity: A review of the causes and effects. <i>Archives of Biochemistry and Biophysics</i> , 2019, 662, 49-60. | 1.4 | 128 |
| 3 | The 1-Week and 8-Month Effects of a Ketogenic Diet or Ketone Salt Supplementation on Multi-Organ Markers of Oxidative Stress and Mitochondrial Function in Rats. <i>Nutrients</i> , 2017, 9, 1019. | 1.7 | 41 |
| 4 | The Role of Calpains in Skeletal Muscle Remodeling with Exercise and Inactivity-induced Atrophy. <i>International Journal of Sports Medicine</i> , 2020, 41, 994-1008. | 0.8 | 40 |
| 5 | A Ketogenic Diet in Rodents Elicits Improved Mitochondrial Adaptations in Response to Resistance Exercise Training Compared to an Isocaloric Western Diet. <i>Frontiers in Physiology</i> , 2016, 7, 533. | 1.3 | 39 |
| 6 | The Renin-Angiotensin System and Skeletal Muscle. <i>Exercise and Sport Sciences Reviews</i> , 2018, 46, 205-214. | 1.6 | 39 |
| 7 | Mitochondrial Dysfunction Is a Common Denominator Linking Skeletal Muscle Wasting Due to Disease, Aging, and Prolonged Inactivity. <i>Antioxidants</i> , 2021, 10, 588. | 2.2 | 37 |
| 8 | Life History Trade-offs within the Context of Mitochondrial Hormesis. <i>Integrative and Comparative Biology</i> , 2018, 58, 567-577. | 0.9 | 35 |
| 9 | Influence of endurance exercise training on antioxidant enzymes, tight junction proteins, and inflammatory markers in the rat ileum. <i>BMC Research Notes</i> , 2015, 8, 514. | 0.6 | 33 |
| 10 | Redox Control of Proteolysis During Inactivity-Induced Skeletal Muscle Atrophy. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 559-569. | 2.5 | 32 |
| 11 | Lactation has persistent effects on a mother's metabolism and mitochondrial function. <i>Scientific Reports</i> , 2017, 7, 17118. | 1.6 | 24 |
| 12 | Comparative adaptations in oxidative and glycolytic muscle fibers in a low voluntary wheel running rat model performing three levels of physical activity. <i>Physiological Reports</i> , 2015, 3, e12619. | 0.7 | 23 |
| 13 | Mechanisms of exercise-induced preconditioning in skeletal muscles. <i>Redox Biology</i> , 2020, 35, 101462. | 3.9 | 22 |
| 14 | Calpains play an essential role in mechanical ventilation-induced diaphragmatic weakness and mitochondrial dysfunction. <i>Redox Biology</i> , 2021, 38, 101802. | 3.9 | 22 |
| 15 | Endurance exercise protects skeletal muscle against both doxorubicin-induced and inactivity-induced muscle wasting. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 441-453. | 1.3 | 20 |
| 16 | Physiological, mitochondrial, and oxidative stress differences in the presence or absence of lactation in rats. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 2. | 1.4 | 16 |
| 17 | Changes in Metabolism, Mitochondrial Function, and Oxidative Stress Between Female Rats Under Nonreproductive and 3 Reproductive Conditions. <i>Reproductive Sciences</i> , 2019, 26, 114-127. | 1.1 | 14 |
| 18 | Graded hypoxia and blood oxidative stress during exercise recovery. <i>Journal of Sports Sciences</i> , 2016, 34, 56-66. | 1.0 | 11 |

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|----|--|-----|-----------|
| 19 | Disturbances in Calcium Homeostasis Promotes Skeletal Muscle Atrophy: Lessons From Ventilator-Induced Diaphragm Wasting. <i>Frontiers in Physiology</i> , 2020, 11, 615351. | 1.3 | 11 |
| 20 | Change in the Lipid Transport Capacity of the Liver and Blood during Reproduction in Rats. <i>Frontiers in Physiology</i> , 2017, 8, 517. | 1.3 | 8 |
| 21 | Comparative changes in antioxidant enzymes and oxidative stress in cardiac, fast twitch and slow twitch skeletal muscles following endurance exercise training. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2016, 8, 160-168. | 0.8 | 7 |
| 22 | Human and Rodent Skeletal Muscles Express Angiotensin II Type 1 Receptors. <i>Cells</i> , 2020, 9, 1688. | 1.8 | 6 |
| 23 | Body Composition and Perceived Stress through a Calendar Year in NCAA I Female Volleyball Players. <i>International Journal of Exercise Science</i> , 2019, 12, 433-443. | 0.5 | 4 |
| 24 | Activation of Calpain Contributes to Mechanical Ventilation-Induced Depression of Protein Synthesis in Diaphragm Muscle. <i>Cells</i> , 2022, 11, 1028. | 1.8 | 4 |
| 25 | Effects of a Sprint Interval and Resistance Concurrent Exercise Training Program on Aerobic Capacity of Inactive Adult Women. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 1640-1647. | 1.0 | 3 |
| 26 | Angiotensin 1 α 7 protects against ventilator α induced diaphragm dysfunction. <i>Clinical and Translational Science</i> , 2021, 14, 1512-1523. | 1.5 | 3 |
| 27 | Comparative Efficacy of Angiotensin II Type 1 Receptor Blockers Against Ventilator α Induced Diaphragm Dysfunction in Rats. <i>Clinical and Translational Science</i> , 2021, 14, 481-486. | 1.5 | 2 |
| 28 | Short and long-term effect of reproduction on mitochondrial dynamics and autophagy in rats. <i>Heliyon</i> , 2021, 7, e08070. | 1.4 | 1 |
| 29 | Graded Hypoxia & Blood Oxidative Stress During Exercise Recovery. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 427. | 0.2 | 0 |
| 30 | Muscle Oxidative Stress and Gene Expression in Rats Bred for High or Low Voluntary Running. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 446. | 0.2 | 0 |
| 31 | 2244 May 31 9:30 AM - 11:30 AM. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 613-613. | 0.2 | 0 |
| 32 | Alterations in renin-angiotensin receptors are not responsible for exercise preconditioning of skeletal muscle fibers. <i>Sports Medicine and Health Science</i> , 2021, 3, 148-156. | 0.7 | 0 |
| 33 | Effects of Endurance Exercise Training on Gastrointestinal Barrier. <i>FASEB Journal</i> , 2015, 29, LB663. | 0.2 | 0 |
| 34 | Endurance Exercise Training Does Not Alter Key Receptors Within the Renin α Angiotensin System in Skeletal Muscle. <i>FASEB Journal</i> , 2020, 34, 1-1. | 0.2 | 0 |