

Hayden W Hyatt

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

895
citations

516710

16
h-index

501196

28
g-index

35
all docs

35
docs citations

35
times ranked

1296
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.	6.5	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.	3.0	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.	4.1	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.	1.7	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.	2.8	39
6	The Renin-Angiotensin System and Skeletal Muscle. <i>Exercise and Sport Sciences Reviews</i> , 2018, 46, 205-214.	3.0	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.	5.1	37
8	Life History Trade-offs within the Context of Mitochondrial Hormesis. <i>Integrative and Comparative Biology</i> , 2018, 58, 567-577.	2.0	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.	1.4	33
10	Redox Control of Proteolysis During Inactivity-Induced Skeletal Muscle Atrophy. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 559-569.	5.4	32
11	Lactation has persistent effects on a mother's metabolism and mitochondrial function. <i>Scientific Reports</i> , 2017, 7, 17118.	3.3	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.	1.7	23
13	Mechanisms of exercise-induced preconditioning in skeletal muscles. <i>Redox Biology</i> , 2020, 35, 101462.	9.0	22
14	Calpains play an essential role in mechanical ventilation-induced diaphragmatic weakness and mitochondrial dysfunction. <i>Redox Biology</i> , 2021, 38, 101802.	9.0	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.	2.8	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.	3.3	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.	2.5	14
18	Graded hypoxia and blood oxidative stress during exercise recovery. <i>Journal of Sports Sciences</i> , 2016, 34, 56-66.	2.0	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.	2.8	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.	2.8	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.	4.1	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.	4.1	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.	2.1	3
26	Angiotensin 1â€7 protects against ventilatorâ€induced diaphragm dysfunction. <i>Clinical and Translational Science</i> , 2021, 14, 1512-1523.	3.1	3
27	Comparative Efficacy of Angiotensin II Type 1 Receptor Blockers Against Ventilatorâ€Induced Diaphragm Dysfunction in Rats. <i>Clinical and Translational Science</i> , 2021, 14, 481-486.	3.1	2
28	Short and long-term effect of reproduction on mitochondrial dynamics and autophagy in rats. <i>Heliyon</i> , 2021, 7, e08070.	3.2	1
29	Graded Hypoxia & Blood Oxidative Stress During Exercise Recovery. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 427.	0.4	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.	0.4	0
31	2244 May 31 9:30 AM - 11:30 AM. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 613-613.	0.4	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.	2.0	0
33	Effects of Endurance Exercise Training on Gastrointestinal Barrier. <i>FASEB Journal</i> , 2015, 29, LB663.	0.5	0
34	Endurance Exercise Training Does Not Alter Key Receptors Within the Reninâ€Angiotensin System in Skeletal Muscle. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0