Haydar A Demirel

List of Publications by Citations

44 papers	1,753 citations	23 h-index	41 g-index
47 ext. papers	1,877 ext. citations	4.1 avg, IF	3.87 L-index

#	Paper	IF	Citations
44	Heat stress attenuates skeletal muscle atrophy in hindlimb-unweighted rats. *Journal of Applied Physiology*, **2000**, 88, 359-63	3.7	192
43	Short-term exercise improves myocardial tolerance to in vivo ischemia-reperfusion in the rat. *Journal of Applied Physiology*, **2001**, 91, 2205-12	3.7	146
42	Mitochondrial signaling contributes to disuse muscle atrophy. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 303, E31-9	6	143
41	Exercise training improves myocardial tolerance to in vivo ischemia-reperfusion in the rat. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1998**, 275, R1468-77	3.2	101
40	Obesity is associated with increased myocardial oxidative stress. *International Journal of Obesity*, **1999**, 23, 67-74	5.5	94
39	Exercise-induced alterations in skeletal muscle myosin heavy chain phenotype: dose-response relationship. *Journal of Applied Physiology*, **1999**, 86, 1002-8	3.7	91
38	Exercise training increases heat shock protein in skeletal muscles of old rats. *Medicine and Science in Sports and Exercise*, **2001**, 33, 729-34	1.2	78
37	Exercise, heat shock proteins, and myocardial protection from I-R injury. *Medicine and Science in Sports and Exercise*, **2001**, 33, 386-92	1.2	76
36	Short-term exercise training improves diaphragm antioxidant capacity and endurance. *European Journal of Applied Physiology and Occupational Physiology*, **2000**, 81, 67-74		70
35	Exercise training reduces myocardial lipid peroxidation following short-term ischemia-reperfusion. *Medicine and Science in Sports and Exercise*, **1998**, 30, 1211-6	1.2	65
34	Exercise-induced improvements in myocardial antioxidant capacity: the antioxidant players and cardioprotection. *Free Radical Research*, **2014**, 48, 43-51	4	55
33	Decrease in the numbers of mechanoreceptors in rabbit ACL: the effects of ageing. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2006**, 14, 325-9	5.5	55
32	Effects of vitamin E deficiency on fatigue and muscle contractile properties. *European Journal of Applied Physiology*, **2002**, 87, 272-7	3.4	50
31	Age and attenuation of exercise-induced myocardial HSP72 accumulation. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 285, H1609-15	5.2	49
30	Improved cardiac performance after ischemia in aged rats supplemented with vitamin E and alpha-lipoic acid. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology* , **2000**, 279, R2149-55	3.2	46
29	Exercise training protects against contraction-induced lipid peroxidation in the diaphragm. *European Journal of Applied Physiology*, **1999**, 79, 268-73	3.4	38
28	Gene expression of catecholamine biosynthetic enzymes following exercise: modulation by age. *Neuroscience*, **2001**, 103, 703-11	3.9	37

27	Adaptation of upper airway muscles to chronic endurance exercise. *American Journal of Respiratory and Critical Care Medicine*, **2002**, 166, 287-93	10.2	33
26	Effect of combined supplementation with vitamin E and alpha-lipoic acid on myocardial performance during in vivo ischaemia-reperfusion. *Acta Physiologica Scandinavica*, **2000**, 169, 261-9		30
25	Elevation of body temperature is an essential factor for exercise-increased extracellular heat shock protein 72 level in rat plasma. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2008**, 294, R1600-7	3.2	29
24	Myosin phenotype and bioenergetic characteristics of rat respiratory muscles. *Medicine and Science in Sports and Exercise*, **1997**, 29, 1573-9	1.2	29
23	Exercise training-induced changes in respiratory muscles. *Sports Medicine*, **1997**, 24, 120-31	10.6	27
22	Effects of aging and obesity on respiratory muscle phenotype in Zucker rats. *Journal of Applied Physiology*, **1996**, 81, 1347-54	3.7	26
21	Endurance training reduces the rate of diaphragm fatigue in vitro. *Medicine and Science in Sports and Exercise*, **1999**, 31, 1605-12	1.2	22
20	Age-related increases in diaphragmatic maximal shortening velocity. *Journal of Applied Physiology*, **1996**, 80, 445-51	3.7	21
19	Multiple osteochondroses and avulsion fracture of anterior superior iliac spine in a soccer player. *British Journal of Sports Medicine*, **2005**, 39, e16	10.3	18
18	Pre-exercise arginine supplementation increases time to exhaustion in elite male wrestlers. *Biology of Sport*, **2014**, 31, 187-91	4.3	16
17	Relation between foot arch index and ankle strength in elite gymnasts: a preliminary study. *British Journal of Sports Medicine*, **2005**, 39, e13	10.3	16
16	The effects of exercise duration on adrenal HSP72/73 induction in rats. *Acta Physiologica Scandinavica*, **1999**, 167, 227-31		16
15	Differences in sole arch indices in various sports. *British Journal of Sports Medicine*, **2005**, 39, e5	10.3	15
14	The effects of menstrual cycle on the knee joint position sense: preliminary study. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2005**, 13, 649-53	5.5	13
13	Effect of exercise on mRNA expression of select adrenal medullary catecholamine biosynthetic enzymes. *Journal of Applied Physiology*, **2002**, 93, 463-8	3.7	13
12	Bioenergetic characteristics of the costal and crural diaphragm in mammals. *Respiration Physiology*, **1997**, 109, 149-54		11
11	Paget-Schroetter syndrome forerunning the diagnoses of thoracic outlet syndrome and thrombophilia. *Clinical and Applied Thrombosis/Hemostasis*, **2010**, 16, 351-5	3.3	9
10	Vitamin E deficiency fails to affect myocardial performance during in vivo ischemia-reperfusion. *International Journal for Vitamin and Nutrition Research*, **2000**, 70, 293-300	1.7	8

9	Short-term treadmill exercise in a cold environment does not induce adrenal Hsp72 and Hsp25 expression. *Journal of Physiological Sciences*, **2017**, 67, 407-413	2.3	7
8	Glucocorticoid-induced alterations in the rate of diaphragmatic fatigue. *Pharmacological Research*, **2000**, 42, 61-8	10.2	5
7	Impaired redox homeostasis in the heart left ventricles of aged rats experiencing fast-developing severe hypobaric hypoxia. *Biogerontology*, **2019**, 20, 711-722	4.5	2
6	Possible value of galectin-3 on follow-up of cardiac remodeling during glucocorticoid treatment. *Journal of Biochemical and Molecular Toxicology*, **2021**, 35, e22717	3.4	1
5	Long-term Dexamethasone Treatment Increases Cardiac Galectin-3 Levels.. *Cardiovascular Drugs and Therapy*, **2022**, 1	3.9	0
4	Anterior cruciate ligament reconstruction in a blind athlete: a case report. *Clinical Journal of Sport Medicine*, **2007**, 17, 153	3.2	
3	Mechanisms of Tyrosine Hydroxylase Regulation with Age. *Advances in Behavioral Biology*, **2002**, 123-126		
2	Elevation Of Body Temperature Is Associated With Exercise-Increased Extracellular Heat Shock Protein 72 Level In Rat Plasma. *Medicine and Science in Sports and Exercise*, **2008**, 40, S429	1.2	
1	Possible Adaptation of the Adrenal Gland Hsp72 Expression to Hypoxic Stress. *High Altitude Medicine and Biology*, **2021**, 22, 293-299	1.9	