Haydar A Demirel

List of Publications by Year
in descending order

45	2,068	236612	288905
papers	citations	25 h-index	40 g-index

47	47	47	2328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heat stress attenuates skeletal muscle atrophy in hindlimb-unweighted rats. Journal of Applied Physiology, 2000, 88, 359-363.	1.2	213
2	Mitochondrial signaling contributes to disuse muscle atrophy. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E31-E39.	1.8	189
3	Short-term exercise improves myocardial tolerance to in vivo ischemia-reperfusion in the rat. Journal of Applied Physiology, 2001, 91, 2205-2212.	1.2	160
4	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-R1477.	0.9	127
5	Obesity is associated with increased myocardial oxidative stress. International Journal of Obesity, 1999, 23, 67-74.	1.6	113
6	Exercise-induced alterations in skeletal muscle myosin heavy chain phenotype: dose-response relationship. Journal of Applied Physiology, 1999, 86, 1002-1008.	1.2	104
7	Exercise training increases heat shock protein in skeletal muscles of old rats. Medicine and Science in Sports and Exercise, 2001, 33, 729-734.	0.2	87
8	Short-term exercise training improves diaphragm antioxidant capacity and endurance. European Journal of Applied Physiology and Occupational Physiology, 2000, 81, 67-74.	1.2	86
9	Exercise, heat shock proteins, and myocardial protection from I-R injury. Medicine and Science in Sports and Exercise, 2001, 33, 386-392.	0.2	81
10	Exercise training reduces myocardial lipid peroxidation following short-term ischemia-reperfusion. Medicine and Science in Sports and Exercise, 1998, 30, 1211-1216.	0.2	74
11	Decrease in the numbers of mechanoreceptors in rabbit ACL: the effects of ageing. Knee Surgery, Sports Traumatology, Arthroscopy, 2006, 14, 325-329.	2.3	65
12	Exercise-induced improvements in myocardial antioxidant capacity: the antioxidant players and cardioprotection. Free Radical Research, 2014, 48, 43-51.	1.5	65
13	Effects of vitamin E deficiency on fatigue and muscle contractile properties. European Journal of Applied Physiology, 2002, 87, 272-277.	1.2	59
14	Age and attenuation of exercise-induced myocardial HSP72 accumulation. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H1609-H1615.	1.5	54
15	Improved cardiac performance after ischemia in aged rats supplemented with vitamin E and Î±-lipoic acid. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R2149-R2155.	0.9	53
16	Exercise training protects against contraction-induced lipid peroxidation in the diaphragm. European Journal of Applied Physiology, 1999, 79, 268-273.	1.2	46
17	Gene expression of catecholamine biosynthetic enzymes following exercise: modulation by age. Neuroscience, 2001, 103, 703-711.	1.1	41
18	Adaptation of Upper Airway Muscles to Chronic Endurance Exercise. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 287-293.	2.5	39

#	Article	IF	Citations
19	Exercise Training-Induced Changes in Respiratory Muscles. Sports Medicine, 1997, 24, 120-131.	3.1	35
20	Effect of combined supplementation with vitamin E and alpha-lipoic acid on myocardial performance duringin vivo ischaemia-reperfusion. Acta Physiologica Scandinavica, 2000, 169, 261-269.	2.3	34
21	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-R1607.	0.9	34
22	Myosin phenotype and bioenergetic characteristics of rat respiratory muscles. Medicine and Science in Sports and Exercise, 1997, 29, 1573-1579.	0.2	32
23	Effects of aging and obesity on respiratory muscle phenotype in Zucker rats. Journal of Applied Physiology, 1996, 81, 1347-1354.	1.2	30
24	Relation between foot arch index and ankle strength in elite gymnasts: a preliminary study. British Journal of Sports Medicine, 2005, 39, e13-e13.	3.1	27
25	Differences in sole arch indices in various sports. British Journal of Sports Medicine, 2005, 39, e5-e5.	3.1	26
26	Endurance training reduces the rate of diaphragm fatigue in vitro. Medicine and Science in Sports and Exercise, 1999, 31, 1605.	0.2	26
27	Age-related increases in diaphragmatic maximal shortening velocity. Journal of Applied Physiology, 1996, 80, 445-451.	1.2	24
28	PRE-EXERCISE ARGININE SUPPLEMENTATION INCREASES TIME TO EXHAUSTION IN ELITE MALE WRESTLERS. Biology of Sport, 2014, 31, 187-191.	1.7	24
29	Multiple osteochondroses and avulsion fracture of anterior superior iliac spine in a soccer player. British Journal of Sports Medicine, 2005, 39, e16-e16.	3.1	19
30	The effects of menstrual cycle on the knee joint position sense: preliminary study. Knee Surgery, Sports Traumatology, Arthroscopy, 2005, 13, 649-653.	2.3	18
31	The effects of exercise duration on adrenal HSP72/73 induction in rats. Acta Physiologica Scandinavica, 1999, 167, 227-231.	2.3	17
32	Effect of exercise on mRNA expression of select adrenal medullary catecholamine biosynthetic enzymes. Journal of Applied Physiology, 2002, 93, 463-468.	1.2	14
33	Bioenergetic characteristics of the costal and crural diaphragm in mammals. Respiration Physiology, 1997, 109, 149-154.	2.8	12
34	Paget-Schroetter Syndrome Forerunning the Diagnoses of Thoracic Outlet Syndrome and Thrombophilia. Clinical and Applied Thrombosis/Hemostasis, 2010, 16, 351-355.	0.7	10
35	Vitamin E Deficiency Fails to Affect Myocardial Performance During In Vivo Ischemia-Reperfusion. International Journal for Vitamin and Nutrition Research, 2000, 70, 293-300.	0.6	10
36	Short-term treadmill exercise in a cold environment does not induce adrenal Hsp72 and Hsp25 expression. Journal of Physiological Sciences, 2017, 67, 407-413.	0.9	7

#	Article	IF	Citations
37	GLUCOCORTICOID-INDUCED ALTERATIONS IN THE RATE OF DIAPHRAGMATIC FATIGUE. Pharmacological Research, 2000, 42, 61-68.	3.1	5
38	Impaired redox homeostasis in the heart left ventricles of aged rats experiencing fast-developing severe hypobaric hypoxia. Biogerontology, 2019, 20, 711-722.	2.0	4
39	Long-term Dexamethasone Treatment Increases Cardiac Galectin-3 Levels. Cardiovascular Drugs and Therapy, 2022, , 1.	1.3	3
40	Possible value of galectinâ€3 on followâ€up of cardiac remodeling during glucocorticoid treatment. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22717.	1.4	1
41	Anterior Cruciate Ligament Reconstruction in a Blind Athlete: A Case Report. Clinical Journal of Sport Medicine, 2007, 17, 153.	0.9	0
42	Exercise, mitochondrial biogenesis and disuse-induced atrophy. Spor Hekimligi Dergisi, 0, , .	0.1	0
43	Possible Adaptation of the Adrenal Gland Hsp72 Expression to Hypoxic Stress. High Altitude Medicine and Biology, 2021, 22, 293-299.	0.5	0
44	Mechanisms of Tyrosine Hydroxylase Regulation with Age. Advances in Behavioral Biology, 2002, , 123-126.	0.2	0
45	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.	0.2	0