

Mazen J Hamadeh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

2,039
citations

25
h-index

45
g-index

65
ext. papers

2,318
ext. citations

3.4
avg, IF

4.83
L-index

#	Paper	IF	Citations
64	The neuroprotective effects of caffeine in neurodegenerative diseases. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 272-290	6.8	116
63	Estimating Serving Sizes for Healthier and Unhealthier Versions of Food According to Canada's Food Guide. <i>Canadian Journal of Dietetic Practice and Research</i> , 2015 , 76, 204-7	1.3	2
62	Dietary Vitamin D3 Restriction Exacerbates Disease Pathophysiology in the Spinal Cord of the G93A Mouse Model of Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2015 , 10, e0126355	3.7	9
61	Vitamin D3 supplementation at 50x the adequate intake attenuates disease pathophysiology in the spinal cord of male, but is toxic in female, G93A mouse model of amyotrophic lateral sclerosis (ALS). <i>FASEB Journal</i> , 2015 , 29, 755.15	0.9	
60	Dietary vitamin D3 restriction exacerbates disease pathophysiology in the spinal cord of the G93A mouse model of amyotrophic lateral sclerosis (ALS). <i>FASEB Journal</i> , 2015 , 29, 755.14	0.9	
59	Vitamin D as a potential therapy in amyotrophic lateral sclerosis. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 101-11	6.8	39
58	Modest increases in serum calcidiol may improve T2DM-related health outcomes in non-white, ethnically diverse, postmenopausal women (LB327). <i>FASEB Journal</i> , 2014 , 28, LB327	0.9	
57	Endurance training modulates intramyocellular lipid compartmentalization and morphology in skeletal muscle of lean and obese women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 4852-62	5.6	55
56	Vitamin D(3) at 50x AI attenuates the decline in paw grip endurance, but not disease outcomes, in the G93A mouse model of ALS, and is toxic in females. <i>PLoS ONE</i> , 2013 , 8, e30243	3.7	28
55	Markers of skeletal muscle mitochondrial function and lipid accumulation are moderately associated with the homeostasis model assessment index of insulin resistance in obese men. <i>PLoS ONE</i> , 2013 , 8, e66322	3.7	34
54	Dietary vitamin D3 supplementation at 10x the adequate intake improves functional capacity in the G93A transgenic mouse model of ALS, a pilot study. <i>CNS Neuroscience and Therapeutics</i> , 2012 , 18, 547-57	6.8	34
53	Age at menarche and current substance use among Canadian adolescent girls: results of a cross-sectional study. <i>BMC Public Health</i> , 2012 , 12, 195	4.1	11
52	Underestimating a serving size may lead to increased food consumption when using Canada's Food Guide. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 923-30	3	13
51	Early menarche predicts incidence of asthma in early adulthood. <i>American Journal of Epidemiology</i> , 2011 , 173, 64-70	3.8	43
50	Impact of breastfeeding duration on age at menarche. <i>American Journal of Epidemiology</i> , 2011 , 173, 971-7	3.8	23
49	One universal common endpoint in mouse models of amyotrophic lateral sclerosis. <i>PLoS ONE</i> , 2011 , 6, e20582	3.7	19
48	Vitamin D3 deficiency differentially affects functional and disease outcomes in the G93A mouse model of amyotrophic lateral sclerosis. <i>PLoS ONE</i> , 2011 , 6, e29354	3.7	32

47	Caloric restriction shortens lifespan through an increase in lipid peroxidation, inflammation and apoptosis in the G93A mouse, an animal model of ALS. <i>PLoS ONE</i> , 2010 , 5, e9386	3.7	55
46	Aberrant mitochondrial homeostasis in the skeletal muscle of sedentary older adults. <i>PLoS ONE</i> , 2010 , 5, e10778	3.7	146
45	The role of vitamin D deficiency in the pathogenesis of type 2 diabetes mellitus. <i>European E-journal of Clinical Nutrition and Metabolism</i> , 2010 , 5, e155-e165		9
44	The effect of aging on human skeletal muscle mitochondrial and intramyocellular lipid ultrastructure. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 119-28	6.4	152
43	Age at menarche in Canada: results from the National Longitudinal Survey of Children & Youth. <i>BMC Public Health</i> , 2010 , 10, 736	4.1	51
42	Endurance Training-mediated Differential Regulation of miRNAs in Skeletal Muscle of Lean and Obese Men. <i>FASEB Journal</i> , 2010 , 24, 806.14	0.9	1
41	Dietary vitamin D3 at 10 fold the adequate intake may attenuate disease severity in the transgenic G93A mouse model of ALS. <i>FASEB Journal</i> , 2010 , 24, lb396	0.9	
40	Mitochondrial Dysfunction is Not a Causative Factor in the Pathogenesis of Obesity. <i>FASEB Journal</i> , 2010 , 24, 1045.9	0.9	
39	Comparison of total protein concentration in skeletal muscle as measured by the Bradford and Lowry assays. <i>Journal of Biochemistry</i> , 2009 , 145, 791-7	3.1	37
38	Exercise, sex, menstrual cycle phase, and 17beta-estradiol influence metabolism-related genes in human skeletal muscle. <i>Physiological Genomics</i> , 2009 , 40, 34-47	3.6	56
37	Nutritional and exercise-based interventions in the treatment of amyotrophic lateral sclerosis. <i>Clinical Nutrition</i> , 2009 , 28, 604-17	5.9	36
36	Two methods for determining plasma IL-6 in humans at rest and following exercise. <i>European Journal of Applied Physiology</i> , 2009 , 105, 13-8	3.4	5
35	Coffee increases antioxidant enzyme capacity in the brain of male G93A mice, an animal model of amyotrophic lateral sclerosis (ALS). <i>FASEB Journal</i> , 2009 , 23, 109.6	0.9	3
34	Long-term caloric restriction increases apoptosis and decreases cell stress response, despite an elevation in antioxidant enzyme capacity in the skeletal muscle of the Cu/Zn-SOD mutant G93A mouse, an animal model of ALS. <i>FASEB Journal</i> , 2009 , 23, 109.1	0.9	
33	Caffeine reduces motor performance and antioxidant enzyme capacity in the brain of female G93A mice, an animal model of amyotrophic lateral sclerosis (ALS). <i>FASEB Journal</i> , 2009 , 23, 963.3	0.9	2
32	Effect of endurance exercise on hepatic lipid content, enzymes, and adiposity in men and women. <i>Obesity</i> , 2008 , 16, 2281-8	8	64
31	Endurance training without weight loss lowers systemic, but not muscle, oxidative stress with no effect on inflammation in lean and obese women. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 503-11	7.8	82
30	Automated derivatization and analysis of malondialdehyde using column switching sample preparation HPLC with fluorescence detection. <i>Journal of Separation Science</i> , 2008 , 31, 387-401	3.4	17

29	Twelve weeks of endurance training increases mitochondrial density and percent IMCL touching mitochondria and alters IMCL storage distribution. <i>FASEB Journal</i> , 2008 , 22, 753.18	0.9	1
28	The Novel Impact Of Treadmill Exercise And Sex Difference On Cell Proliferation and Cell Survival In The Dentate Gyrus Of G93A Mice. <i>FASEB Journal</i> , 2008 , 22, 1197.9	0.9	
27	Chlorogenic acid, a coffee polyphenol and antioxidant, hastens clinical onset of disease but prolongs life span in the G93A mouse, an animal model of ALS, as compared with caffeine. <i>FASEB Journal</i> , 2008 , 22, 702.11	0.9	
26	Determination of protein concentration in skeletal muscle using two spectrophotometric assays: the Lowry and the Bradford. <i>FASEB Journal</i> , 2008 , 22, 252-252	0.9	
25	Influence of endurance exercise training and sex on intramyocellular lipid and mitochondrial ultrastructure, substrate use, and mitochondrial enzyme activity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 292, R1271-8	3.2	281
24	IMCL area density, but not IMCL utilization, is higher in women during moderate-intensity endurance exercise, compared with men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 293, R2336-42	3.2	54
23	Mitochondrial dysfunction is associated with increased oxidative stress and inflammation, and Nrf2-mediated antioxidant dysregulation with frail aging. <i>FASEB Journal</i> , 2007 , 21, A937	0.9	
22	Gender-based differential infiltration of CRP from the blood into skeletal muscle. <i>FASEB Journal</i> , 2007 , 21, A935	0.9	
21	Long-term caloric restriction increases lipid peroxidation, but decreases protein oxidation, in the skeletal muscle of the Cu/Zn-SOD mutant G93A mouse, an animal model of ALS. <i>FASEB Journal</i> , 2007 , 21, A818	0.9	
20	Antioxidant supplementation attenuates the exercise-induced increase in plasma CK, but not CRP, during moderate intensity endurance exercise in men. <i>FASEB Journal</i> , 2007 , 21, A932	0.9	
19	Antioxidant enzyme protein content in lean and obese women prior to and following a 12-week endurance training protocol. <i>FASEB Journal</i> , 2007 , 21, A668	0.9	
18	Estrogen supplementation in men increases serum C-reactive protein concentration before, during and after moderate intensity endurance exercise. <i>FASEB Journal</i> , 2007 , 21, A579	0.9	
17	Transient caloric restriction in early adulthood hastens disease endpoint in male, but not female, Cu/Zn-SOD mutant G93A mice. <i>Muscle and Nerve</i> , 2006 , 34, 709-19	3.4	23
16	Menstrual cycle phase and sex influence muscle glycogen utilization and glucose turnover during moderate-intensity endurance exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 291, R1120-8	3.2	96
15	No effect of short-term 17beta-estradiol supplementation in healthy men on systemic inflammatory responses to exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 291, R285-90	3.2	17
14	The use of oral contraceptives in women alters the differences in substrate oxidation between phases of the menstrual cycle. <i>FASEB Journal</i> , 2006 , 20, A1468	0.9	
13	Influence of gender, menstrual phase, and oral contraceptive use on immunological changes in response to prolonged cycling. <i>Journal of Applied Physiology</i> , 2005 , 99, 979-85	3.7	66
12	Caloric restriction transiently improves motor performance but hastens clinical onset of disease in the Cu/Zn-superoxide dismutase mutant G93A mouse. <i>Muscle and Nerve</i> , 2005 , 31, 214-20	3.4	57

11	Estrogen supplementation reduces whole body leucine and carbohydrate oxidation and increases lipid oxidation in men during endurance exercise. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 3592-9	5.6	95
10	Human sulfate kinetics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 289, R1372-80	3.2	4
9	17beta-estradiol supplementation decreases glucose rate of appearance and disappearance with no effect on glycogen utilization during moderate intensity exercise in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 6218-25	5.6	53
8	Effect of protein restriction on sulfur amino acid catabolism in insulin-dependent diabetes mellitus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E382-9	6	4
7	Sulfate could mediate the therapeutic effect of glucosamine sulfate. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 767-70	12.7	62
6	Use of sulfate production as a measure of short-term sulfur amino acid catabolism in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 280, E857-66	6	10
5	Effect of protein restriction on (15)N transfer from dietary [(15)N]alanine and [(15)N]Spirulina platensis into urea. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E349-56	6	2
4	Sulfate production depicts fed-state adaptation to protein restriction in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E341-8	6	4
3	Human extracellular water volume can be measured using the stable isotope Na ²³⁴ SO ₄ . <i>Journal of Nutrition</i> , 1999 , 129, 722-7	4.1	13
2	Measurement of sulfate concentrations and tracer/tracee ratios in biological fluids by electrospray tandem mass spectrometry. <i>Analytical Biochemistry</i> , 1998 , 261, 93-9	3.1	14
1	Dietary protein restriction alters glucose but not protein metabolism in non-insulin-dependent diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 1998 , 47, 1145-51	12.7	9