

Dustin S Hittel

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,899
citations

361388

20
h-index

414395

32
g-index

36
all docs

36
docs citations

36
times ranked

2986
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Secretion and Expression of Myostatin in Skeletal Muscle From Extremely Obese Women. <i>Diabetes</i> , 2009, 58, 30-38.	0.6	263
2	Low-Dose Aspartame Consumption Differentially Affects Gut Microbiota-Host Metabolic Interactions in the Diet-Induced Obese Rat. <i>PLoS ONE</i> , 2014, 9, e109841.	2.5	240
3	Ketogenic diet modifies the gut microbiota in a murine model of autism spectrum disorder. <i>Molecular Autism</i> , 2016, 7, 37.	4.9	204
4	Myostatin Decreases with Aerobic Exercise and Associates with Insulin Resistance. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 2023-2029.	0.4	195
5	Expression and Function of Myostatin in Obesity, Diabetes, and Exercise Adaptation. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1828-1835.	0.4	155
6	Myostatin-induced inhibition of the long noncoding RNA Malat1 is associated with decreased myogenesis. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 304, C995-C1001.	4.6	107
7	Proteome Analysis of Skeletal Muscle From Obese and Morbidly Obese Women. <i>Diabetes</i> , 2005, 54, 1283-1288.	0.6	96
8	Differential expression of mitochondria-encoded genes in a hibernating mammal. <i>Journal of Experimental Biology</i> , 2002, 205, 1625-1631.	1.7	62
9	Skeletal muscle dictates the fibrinolytic state after exercise training in overweight men with characteristics of metabolic syndrome. <i>Journal of Physiology</i> , 2003, 548, 401-410.	2.9	56
10	Exercise training increases electron and substrate shuttling proteins in muscle of overweight men and women with the metabolic syndrome. <i>Journal of Applied Physiology</i> , 2005, 98, 168-179.	2.5	52
11	Enhanced cardiac protein glycosylation (O-GlcNAc) of selected mitochondrial proteins in rats artificially selected for low running capacity. <i>Physiological Genomics</i> , 2013, 45, 17-25.	2.3	51
12	Differential expression of mitochondria-encoded genes in a hibernating mammal. <i>Journal of Experimental Biology</i> , 2002, 205, 1625-31.	1.7	49
13	Metabolomic response to exercise training in lean and diet-induced obese mice. <i>Journal of Applied Physiology</i> , 2011, 110, 1311-1318.	2.5	48
14	Metabolomic Modeling To Monitor Host Responsiveness to Gut Microbiota Manipulation in the BTBR ^{T+tf/j} Mouse. <i>Journal of Proteome Research</i> , 2016, 15, 1143-1150.	3.7	43
15	Mesenchymal Stem Cells Shift Mitochondrial Dynamics and Enhance Oxidative Phosphorylation in Recipient Cells. <i>Frontiers in Physiology</i> , 2018, 9, 1572.	2.8	35
16	The ACTN3 R577X Polymorphism Is Associated with Cardiometabolic Fitness in Healthy Young Adults. <i>PLoS ONE</i> , 2015, 10, e0130644.	2.5	30
17	Tissue Specific Impacts of a Ketogenic Diet on Mitochondrial Dynamics in the BTBR ^{T+tf/j} Mouse. <i>Frontiers in Physiology</i> , 2016, 7, 654.	2.8	30
18	Myostatin inhibits proliferation and insulin-stimulated glucose uptake in mouse liver cells. <i>Biochemistry and Cell Biology</i> , 2014, 92, 226-234.	2.0	23

#	ARTICLE	IF	CITATIONS
19	Proteomics and Systems Biology in Exercise and Sport Sciences Research. Exercise and Sport Sciences Reviews, 2007, 35, 5-11.	3.0	22
20	Hyperinsulinemic-Euglycemic Clamp in the Conscious Rat. Journal of Visualized Experiments, 2011, , .	0.3	20
21	O-GlcNAc modification is associated with insulin sensitivity in the whole blood of healthy young adult males. Diabetology and Metabolic Syndrome, 2014, 6, 96.	2.7	20
22	Unconventional microarray design reveals the response to obesity is largely tissue specific: analysis of common and divergent responses to diet-induced obesity in insulin-sensitive tissues. Applied Physiology, Nutrition and Metabolism, 2012, 37, 257-268.	1.9	18
23	Enhanced stem cell engraftment and modulation of hepatic reactive oxygen species production in diet-induced obesity. Obesity, 2014, 22, 721-729.	3.0	17
24	Metabolomics Reveals the Sex-Specific Effects of the SORT1 Low-Density Lipoprotein Cholesterol Locus in Healthy Young Adults. Journal of Proteome Research, 2014, 13, 5063-5070.	3.7	12
25	Effect of the SORT1 low-density lipoprotein cholesterol locus is sex-specific in a fit, Canadian young-adult population. Applied Physiology, Nutrition and Metabolism, 2013, 38, 188-193.	1.9	9
26	Metabolic consequences of discretionary fortified beverage consumption containing excessive vitamin B levels in adolescents. PLoS ONE, 2019, 14, e0209913.	2.5	8
27	SORT1 Protective Allele Is Associated With Attenuated Postprandial. Circulation: Cardiovascular Genetics, 2014, 7, 576-582.	5.1	7
28	High Aerobic Capacity Mitigates Changes in the Plasma Metabolomic Profile Associated with Aging. Journal of Proteome Research, 2017, 16, 798-805.	3.7	7
29	Caffeine-Containing Energy Shots Cause Acute Impaired Glucoregulation in Adolescents. Nutrients, 2020, 12, 3850.	4.1	7
30	Examination of Lifestyle Behaviors and Cardiometabolic Risk Factors in University Students Enrolled in Kinesiology Degree Programs. Journal of Strength and Conditioning Research, 2016, 30, 1137-1146.	2.1	6
31	Genetic characterization of physical activity behaviours in university students enrolled in kinesiology degree programs. Applied Physiology, Nutrition and Metabolism, 2017, 42, 278-284.	1.9	5
32	ACTN3: A Thrifty Gene for Speed?. Endocrine Practice, 2016, 22, 897-898.	2.1	2
33	Paradoxical reduction in cardiac O-GlcNAcylation following short-term high fat feeding. FASEB Journal, 2012, 26, 565.15.	0.5	0
34	Targeted protein glycosylation (O-GlcNAc) of mitochondrial proteins in rats selected for low running capacity. FASEB Journal, 2012, 26, 565.11.	0.5	0
35	Artificially Sweetened Vitamin Drink Consumption Reduces Insulin Sensitivity and Alters One-Carbon, B-Vitamin Dependent Metabolism in Adolescents. FASEB Journal, 2018, 32, 767.8.	0.5	0