

Dustin S Hittel

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.

35
papers

1,452
citations

18
h-index

36
g-index

36
ext. papers

1,706
ext. citations

3.5
avg, IF

4.35
L-index

#	Paper	IF	Citations
35	Metabolic consequences of discretionary fortified beverage consumption containing excessive vitamin B levels in adolescents. <i>PLoS ONE</i> , 2019 , 14, e0209913	3.7	3
34	Artificially Sweetened Vitamin Drink Consumption Reduces Insulin Sensitivity and Alters One-Carbon, B-Vitamin Dependent Metabolism in Adolescents. <i>FASEB Journal</i> , 2018 , 32, 767.8	0.9	
33	Mesenchymal Stem Cells Shift Mitochondrial Dynamics and Enhance Oxidative Phosphorylation in Recipient Cells. <i>Frontiers in Physiology</i> , 2018 , 9, 1572	4.6	23
32	Genetic characterization of physical activity behaviours in university students enrolled in kinesiology degree programs. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 278-284	3	3
31	High Aerobic Capacity Mitigates Changes in the Plasma Metabolomic Profile Associated with Aging. <i>Journal of Proteome Research</i> , 2017 , 16, 798-805	5.6	6
30	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, 1143-50	5.6	34
29	Tissue Specific Impacts of a Ketogenic Diet on Mitochondrial Dynamics in the BTBR Mouse. <i>Frontiers in Physiology</i> , 2016 , 7, 654	4.6	20
28	ACTN3: A THRIFTY GENE FOR SPEED?. <i>Endocrine Practice</i> , 2016 , 22, 897-8	3.2	2
27	Examination of Lifestyle Behaviors and Cardiometabolic Risk Factors in University Students Enrolled in Kinesiology Degree Programs. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 1137-46	3.2	5
26	Ketogenic diet modifies the gut microbiota in a murine model of autism spectrum disorder. <i>Molecular Autism</i> , 2016 , 7, 37	6.5	137
25	The ACTN3 R577X Polymorphism Is Associated with Cardiometabolic Fitness in Healthy Young Adults. <i>PLoS ONE</i> , 2015 , 10, e0130644	3.7	23
24	Metabolomics reveals the sex-specific effects of the SORT1 low-density lipoprotein cholesterol locus in healthy young adults. <i>Journal of Proteome Research</i> , 2014 , 13, 5063-70	5.6	8
23	Myostatin inhibits proliferation and insulin-stimulated glucose uptake in mouse liver cells. <i>Biochemistry and Cell Biology</i> , 2014 , 92, 226-34	3.6	21
22	Enhanced stem cell engraftment and modulation of hepatic reactive oxygen species production in diet-induced obesity. <i>Obesity</i> , 2014 , 22, 721-9	8	9
21	O-GlcNAc modification is associated with insulin sensitivity in the whole blood of healthy young adult males. <i>Diabetology and Metabolic Syndrome</i> , 2014 , 6, 96	5.6	16
20	SORT1 protective allele is associated with attenuated postprandial lipaemia in young adults. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 576-82		6
19	Low-dose aspartame consumption differentially affects gut microbiota-host metabolic interactions in the diet-induced obese rat. <i>PLoS ONE</i> , 2014 , 9, e109841	3.7	165

18	Effect of the SORT1 low-density lipoprotein cholesterol locus is sex-specific in a fit, Canadian young-adult population. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013 , 38, 188-93	3	8
17	Myostatin-induced inhibition of the long noncoding RNA Malat1 is associated with decreased myogenesis. <i>American Journal of Physiology - Cell Physiology</i> , 2013 , 304, C995-1001	5.4	81
16	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	3.6	40
15	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. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 257-68	3	13
14	Paradoxical reduction in cardiac O-GlcNAcylation following short-term high fat feeding. <i>FASEB Journal</i> , 2012 , 26, 565.15	0.9	
13	Targeted protein glycosylation (O-GlcNAc) of mitochondrial proteins in rats selected for low running capacity. <i>FASEB Journal</i> , 2012 , 26, 565.11	0.9	
12	Hyperinsulinemic-euglycemic clamp in the conscious rat. <i>Journal of Visualized Experiments</i> , 2011 ,	1.6	18
11	Metabolomic response to exercise training in lean and diet-induced obese mice. <i>Journal of Applied Physiology</i> , 2011 , 110, 1311-8	3.7	44
10	Expression and function of myostatin in obesity, diabetes, and exercise adaptation. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 1828-35	1.2	112
9	Proteomics in Exercise Training Research 2010 , 330-342		
8	Myostatin decreases with aerobic exercise and associates with insulin resistance. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 2023-9	1.2	153
7	Increased secretion and expression of myostatin in skeletal muscle from extremely obese women. <i>Diabetes</i> , 2009 , 58, 30-8	0.9	225
6	Proteomics and systems biology in exercise and sport sciences research. <i>Exercise and Sport Sciences Reviews</i> , 2007 , 35, 5-11	6.7	15
5	Proteome analysis of skeletal muscle from obese and morbidly obese women. <i>Diabetes</i> , 2005 , 54, 1283-8.9		78
4	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, 168-79	3.7	42
3	Skeletal muscle dictates the fibrinolytic state after exercise training in overweight men with characteristics of metabolic syndrome. <i>Journal of Physiology</i> , 2003 , 548, 401-10	3.9	43
2	Differential expression of mitochondria-encoded genes in a hibernating mammal. <i>Journal of Experimental Biology</i> , 2002 , 205, 1625-1631	3	53
1	Differential expression of mitochondria-encoded genes in a hibernating mammal. <i>Journal of Experimental Biology</i> , 2002 , 205, 1625-31	3	46

