

Global Relationship between the Proteome and Transcr

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Comparison of Proteomic and Transcriptomic Profiles in the Bronchial Airway Epithelium of Current and Never Smokers. PLoS ONE, 2009, 4, e5043.	1.1	66
2	An imbalance in C/EBPs and increased mitochondrial activity in asthmatic airway smooth muscle cells: novel targets in asthma therapy?. British Journal of Pharmacology, 2009, 157, 334-341.	2.7	21
3	Proteome profile of functional mitochondria from human skeletal muscle using one-dimensional gel electrophoresis and HPLC-ESI-MS/MS. Journal of Proteomics, 2009, 72, 1046-1060.	1.2	68
4	<i>In vivo</i> Phosphoproteome of Human Skeletal Muscle Revealed by Phosphopeptide Enrichment and HPLC-ESI-MS/MS. Journal of Proteome Research, 2009, 8, 4954-4965.	1.8	81
5	Human ATP synthase beta is phosphorylated at multiple sites and shows abnormal phosphorylation at specific sites in insulin-resistant muscle. Diabetologia, 2010, 53, 541-551.	2.9	59
6	Proteomics of skeletal muscle glycolysis. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 2089-2101.	1.1	55
8	Proteomics Analysis of Human Skeletal Muscle Reveals Novel Abnormalities in Obesity and Type 2 Diabetes. Diabetes, 2010, 59, 33-42.	0.3	217
9	Computational identification of root hair-specific genes in Arabidopsis. Plant Signaling and Behavior, 2010, 5, 1407-1418.	1.2	13
10	Proteomics of skeletal muscle differentiation, neuromuscular disorders and fiber aging. Expert Review of Proteomics, 2010, 7, 283-296.	1.3	51
12	Label-Free Proteomic Identification of Endogenous, Insulin-Stimulated Interaction Partners of Insulin Receptor Substrate-1. Journal of the American Society for Mass Spectrometry, 2011, 22, 457-466.	1.2	34
13	Skeletal muscle proteomics: current approaches, technical challenges and emerging techniques. Skeletal Muscle, 2011, 1, 6.	1.9	95
14	Bimodal distribution of RNA expression levels in human skeletal muscle tissue. BMC Genomics, 2011, 12, 98.	1.2	36
15	Diversity of human skeletal muscle in health and disease: Contribution of proteomics. Journal of Proteomics, 2011, 74, 774-795.	1.2	54
16	Characterization of Human Myotubes From Type 2 Diabetic and Nondiabetic Subjects Using Complementary Quantitative Mass Spectrometric Methods. Molecular and Cellular Proteomics, 2011, 10, M110.006650.	2.5	45
17	Expression of the 49 human ATP binding cassette (ABC) genes in pluripotent embryonic stem cells and in early- and late-stage multipotent mesenchymal stem cells. Cell Cycle, 2012, 11, 1611-1620.	1.3	43
18	Differential proteome and transcriptome analysis of porcine skeletal muscle during development. Journal of Proteomics, 2012, 75, 2093-2108.	1.2	45
19	Novel tyrosine phosphorylation sites in rat skeletal muscle revealed by phosphopeptide enrichment and HPLC-ESI-MS/MS. Journal of Proteomics, 2012, 75, 4017-4026.	1.2	6
20	Proteomic atlas of the human olfactory bulb. Journal of Proteomics, 2012, 75, 4005-4016.	1.2	30

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21	Functional classification of skeletal muscle networks. I. Normal physiology. <i>Journal of Applied Physiology</i> , 2012, 113, 1884-1901.	1.2	14
22	Evaluation of Mitochondrial Functions and Dysfunctions in Muscle Biopsy Samples. , 0, , .		1
23	The Ups and Downs of Insulin Resistance and Type 2 Diabetes: Lessons from Genomic Analyses in Humans. <i>Current Cardiovascular Risk Reports</i> , 2013, 7, 46-59.	0.8	12
24	Applying mass spectrometry-based qualitative proteomics to human amygdaloid complex. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 80.	1.8	13
25	Transcriptomic Identification of ADH1B as a Novel Candidate Gene for Obesity and Insulin Resistance in Human Adipose Tissue in Mexican Americans from the Veterans Administration Genetic Epidemiology Study (VAGES). <i>PLoS ONE</i> , 2015, 10, e0119941.	1.1	35
26	Transcriptomics in type 2 diabetes: Bridging the gap between genotype and phenotype. <i>Genomics Data</i> , 2016, 8, 25-36.	1.3	37
27	Skeletal muscle signal peptide optimization for enhancing propeptide or cytokine secretion. <i>Journal of Theoretical Biology</i> , 2016, 409, 11-17.	0.8	4
28	Mitochondrial phosphoproteomics of mammalian tissues. <i>Mitochondrion</i> , 2017, 33, 45-57.	1.6	34
29	Dicarbonyl Stress and Glyoxalase-1 in Skeletal Muscle: Implications for Insulin Resistance and Type 2 Diabetes. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 117.	1.1	30
30	Skeletal muscle DNA methylation modifications and psychopharmacologic treatment in bipolar disorder. <i>European Neuropsychopharmacology</i> , 2019, 29, 1365-1373.	0.3	6
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32	Functional genomics applications and therapeutic implications in sarcopenia. <i>Mutation Research - Reviews in Mutation Research</i> , 2019, 781, 175-185.	2.4	10
33	Striated muscle-specific serine/threonine-protein kinase beta segregates with high versus low responsiveness to endurance exercise training. <i>Physiological Genomics</i> , 2020, 52, 35-46.	1.0	17
34	The Mitochondrial Proteomic Signatures of Human Skeletal Muscle Linked to Insulin Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5374.	1.8	9
35	Quantitative Proteomics Reveals the Protein Regulatory Network of <i>Anabaena</i> sp. PCC 7120 under Nitrogen Deficiency. <i>Journal of Proteome Research</i> , 2021, 20, 3963-3976.	1.8	6
36	Leucine-Protein Supplemented Recovery and Exercise. , 2015, , 15-32.		0
37	Proteomic Profiling of Human Skeletal Muscle in Health and Disease. , 2019, , 137-154.		0