Mark A Febbraio

List of Publications by Year
in descending order

290 papers	33,415 citations	2203 99 h-index	4419 172 g-index
307 all docs	307 docs citations	307 times ranked	34911 citing authors

#	Article	IF	Citations
1	Exerkines in health, resilience and disease. Nature Reviews Endocrinology, 2022, 18, 273-289.	4.3	268
2	Female reproductive life span is extended by targeted removal of fibrotic collagen from the mouse ovary. Science Advances, 2022, 8, .	4.7	54
3	Stable Isotopic Tracer Phospholipidomics Reveals Contributions of Key Phospholipid Biosynthetic Pathways to Low Hepatocyte Phosphatidylcholine to Phosphatidylethanolamine Ratio Induced by Free Fatty Acids. Metabolites, 2021, 11, 188.	1.3	4
4	Yap regulates skeletal muscle fatty acid oxidation and adiposity in metabolic disease. Nature Communications, 2021, 12, 2887.	5.8	18
5	Circulating Ceramides- Are Origins Important for Sphingolipid Biomarkers and Treatments?. Frontiers in Endocrinology, 2021, 12, 684448.	1.5	18
6	Immune-based therapies in cardiovascular and metabolic diseases: past, present and future. Nature Reviews Immunology, 2021, 21, 669-679.	10.6	16
7	IL-6 family cytokines as potential therapeutic strategies to treat metabolic diseases. Cytokine, 2021, 144, 155549.	1.4	6
8	â€œSweet deathâ€: Fructose as a metabolic toxin that targets the gut-liver axis. Cell Metabolism, 2021, 33, 2316-2328.	7.2	68
9	Deletion of GPR21 improves glucose homeostasis and inhibits the CCL2-CCR2 axis by divergent mechanisms. BMJ Open Diabetes Research and Care, 2021, 9, e002285.	1.2	6
10	The Protective Effect of Exercise in Neurodegenerative Diseases: The Potential Role of Extracellular Vesicles. Cells, 2020, 9, 2182.	1.8	31
11	The PI3K pathway preserves metabolic health through MARCO-dependent lipid uptake by adipose tissue macrophages. Nature Metabolism, 2020, 2, 1427-1442.	5.1	24
12	Metabolic communication during exercise. Nature Metabolism, 2020, 2, 805-816.	5.1	97
13	Who would have thought â€" myokines two decades on. Nature Reviews Endocrinology, 2020, 16, 619-620.	4.3	19
14	Fructose stimulated de novo lipogenesis is promoted by inflammation. Nature Metabolism, 2020, 2, 1034-1045.	5.1	174
15	Fecal microbiota transplantation from high caloric-fed donors alters glucose metabolism in recipient mice, independently of adiposity or exercise status. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E203-E216.	1.8	24
16	Intravascular Follistatin gene delivery improves glycemic control in a mouse model of type 2 diabetes. FASEB Journal, 2020, 34, 5697-5714.	0.2	10
17	MCL-1 is essential for survival but dispensable for metabolic fitness of FOXP3+ regulatory T cells. Cell Death and Differentiation, 2020, 27, 3374-3385.	5.0	2
18	Current and Future Treatments in the Fight against Non-Alcoholic Fatty Liver Disease. Cancers, 2020, 12, 1714.	1.7	28

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19	Sex-specific adipose tissue imprinting of regulatory T cells. Nature, 2020, 579, 581-585.	13.7	141
20	Can microbes increase exercise performance in athletes?. Nature Reviews Endocrinology, 2019, 15, 629-630.	4.3	2
21	Adipocyte-specific deletion of IL-6 does not attenuate obesity-induced weight gain or glucose intolerance in mice. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E597-E604.	1.8	21
22	Treatment of type 2 diabetes with the designer cytokine IC7Fc. Nature, 2019, 574, 63-68.	13.7	55
23	Vale Pernille HÃ¸jman (1977â€"2019). Cell Metabolism, 2019, 29, 1235.	7.2	0
24	Metabolic control and sex: A focus on inflammatoryâ€linked mediators. British Journal of Pharmacology, 2019, 176, 4193-4207.	2.7	25
25	Mouse Model of Mutated in Colorectal Cancer Gene Deletion Reveals Novel Pathways in Inflammation and Cancer. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 819-839.	2.3	11
26	Preclinical Models for Studying NASH-Driven HCC: How Useful Are They?. Cell Metabolism, 2019, 29, 18-26.	7.2	169
27	Redefining Tissue Crosstalk via Shotgun Proteomic Analyses of Plasma Extracellular Vesicles. Proteomics, 2019, 19, e1800154.	1.3	16
28	Relieving ER stress to target NASH-driven hepatocellular carcinoma. Nature Reviews Endocrinology, 2019, 15, 73-74.	4.3	18
29	Protein Kinase C Epsilon Deletion in Adipose Tissue, but Not in Liver, Improves Glucose Tolerance. Cell Metabolism, 2019, 29, 183-191.e7.	7.2	42
30	Evidence against a role for NLRP3-driven islet inflammation in db/db mice. Molecular Metabolism, 2018, 10, 66-73.	3.0	32
31	APP deficiency results in resistance to obesity but impairs glucose tolerance upon high fat feeding. Journal of Endocrinology, 2018, 237, 311-322.	1.2	13
32	Evidence that TLR4 Is Not a Receptor for Saturated Fatty Acids but Mediates Lipid-Induced Inflammation by Reprogramming Macrophage Metabolism. Cell Metabolism, 2018, 27, 1096-1110.e5.	7.2	309
33	Skeletal muscleâ€specific overexpression of heat shock protein 72 improves skeletal muscle insulinâ€stimulated glucose uptake but does not alter whole body metabolism. Diabetes, Obesity and Metabolism, 2018, 20, 1928-1936.	2.2	18
34	Activation of mitochondrial fusion provides a new treatment for mitochondria-related diseases. Biochemical Pharmacology, 2018, 150, 86-96.	2.0	63
35	Extracellular Vesicles Provide a Means for Tissue Crosstalk during Exercise. Cell Metabolism, 2018, 27, 237-251.e4.	7.2	426
36	Female sex hormones are necessary for the metabolic effects mediated by loss of Interleukin 18 signaling. Molecular Metabolism, 2018, 12, 89-97.	3.0	8

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37	GeneXX: an online tool for the exploration of transcript changes in skeletal muscle associated with exercise. Physiological Genomics, 2018, 50, 376-384.	1.0	10
38	Exercise as medicine for survivors of paediatric cancer. Nature Reviews Endocrinology, 2018, 14, 506-508.	4.3	4
39	Defective cholesterol metabolism in haematopoietic stem cells promotes monocyte-driven atherosclerosis in rheumatoid arthritis. European Heart Journal, 2018, 39, 2158-2167.	1.0	63
40	Muscle-specific overexpression of AdipoR1 or AdipoR2 gives rise to common and discrete local effects whilst AdipoR2 promotes additional systemic effects. Scientific Reports, 2017, 7, 41792.	1.6	13
41	Scriptaid enhances skeletal muscle insulin action and cardiac function in obese mice. Diabetes, Obesity and Metabolism, 2017, 19, 936-943.	2.2	18
42	IL-1Î² delivers a sweet deal. Nature Immunology, 2017, 18, 247-248.	7.0	4
43	Adiponectin serenades ceramidase to improve metabolism. Molecular Metabolism, 2017, 6, 233-235.	3.0	13
44	Health benefits of exercise â€" more than meets the eye!. Nature Reviews Endocrinology, 2017, 13, 72-74.	4.3	83
45	High-density lipoprotein delivered after myocardial infarction increases cardiac glucose uptake and function in mice. Science Translational Medicine, 2017, 9, .	5.8	43
46	Increased liver AGEs induce hepatic injury mediated through an OST48 pathway. Scientific Reports, 2017, 7, 12292.	1.6	22
47	Transcription Factor IRF4 Promotes CD8+ T Cell Exhaustion and Limits the Development of Memory-like T Cells during Chronic Infection. Immunity, 2017, 47, 1129-1141.e5.	6.6	335
48	Inflammation, but not recruitment, of adipose tissue macrophages requires signalling through Mac-1 (CD11b/CD18) in diet-induced obesity (DIO). Thrombosis and Haemostasis, 2017, 117, 325-338.	1.8	25
49	Neutrophil-derived S100 calcium-binding proteins A8/A9 promote reticulated thrombocytosis and atherogenesis in diabetes. Journal of Clinical Investigation, 2017, 127, 2133-2147.	3.9	166
50	Over-expressing the soluble gp130-Fc does not ameliorate methionine and choline deficient diet-induced non alcoholic steatohepatitis in mice. PLoS ONE, 2017, 12, e0179099.	1.1	12
51	The roles of câ€Jun NH₂â€terminal kinases (JNKs) in obesity and insulin resistance. Journal of Physiology, 2016, 594, 267-279.	1.3	94
52	The ever-expanding myokinome: discovery challenges and therapeutic implications. Nature Reviews Drug Discovery, 2016, 15, 719-729.	21.5	204
53	Glucose-6-phosphate dehydrogenase contributes to the regulation of glucose uptake in skeletal muscle. Molecular Metabolism, 2016, 5, 1083-1091.	3.0	19
54	Disruption of the Class IIa HDAC Corepressor Complex Increases Energy Expenditure and Lipid Oxidation. Cell Reports, 2016, 16, 2802-2810.	2.9	68

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55	Male-lineage transmission of an acquired metabolic phenotype induced by grand-paternal obesity. Molecular Metabolism, 2016, 5, 699-708.	3.0	154
56	BGP-15 Improves Aspects of the Dystrophic Pathology in mdx and dko Mice with Differing Efficacies in Heart and Skeletal Muscle. American Journal of Pathology, 2016, 186, 3246-3260.	1.9	28
57	The role of gp130 receptor cytokines in the regulation of metabolic homeostasis. Journal of Experimental Biology, 2016, 219, 259-265.	0.8	45
58	NFÎºB1 is essential to prevent the development of multiorgan autoimmunity by limiting IL-6 production in follicular B cells. Journal of Experimental Medicine, 2016, 213, 621-641.	4.2	33
59	PKR is not obligatory for high-fat diet-induced obesity and its associated metabolic and inflammatory complications. Nature Communications, 2016, 7, 10626.	5.8	26
60	Heat shock proteins and exercise adaptations. Our knowledge thus far and the road still ahead. Journal of Applied Physiology, 2016, 120, 683-691.	1.2	62
61	Exercise and the immune system: implications for elite athletes and the general population. Immunology and Cell Biology, 2016, 94, 115-116.	1.0	11
62	IL-18 Production from the NLRP1 Inflammasome Prevents Obesity and Metabolic Syndrome. Cell Metabolism, 2016, 23, 155-164.	7.2	133
63	High Fat Diet Inhibits Dendritic Cell and T Cell Response to Allergens but Does Not Impair Inhalational Respiratory Tolerance. PLoS ONE, 2016, 11, e0160407.	1.1	22
64	NFÎºB1 is essential to prevent the development of multiorgan autoimmunity by limiting IL-6 production in follicular B cells. Journal of Cell Biology, 2016, 213, 2131OIA67.	2.3	0
65	Nanoporous Metalâ€“Phenolic Particles as Ultrasound Imaging Probes for Hydrogen Peroxide. Advanced Healthcare Materials, 2015, 4, 2170-2175.	3.9	57
66	Exercise improves adipose function and inflammation and ameliorates fatty liver disease in obese diabetic mice. Obesity, 2015, 23, 1845-1855.	1.5	43
67	Attenuation of AMPK signaling by ROQUIN promotes T follicular helper cell formation. ELife, 2015, 4, .	2.8	52
68	Blocking IL-6 trans-Signaling Prevents High-Fat Diet-Induced Adipose Tissue Macrophage Recruitment but Does Not Improve Insulin Resistance. Cell Metabolism, 2015, 21, 403-416.	7.2	208
69	Mitochondrial dysfunction in oocytes of obese mothers: transmission to offspring and reversal by pharmacological endoplasmic reticulum stress inhibitors. Development (Cambridge), 2015, 142, 681-691.	1.2	223
70	Genetic manipulation of cardiac Hsp72 levels does not alter substrate metabolism but reveals insights into high-fat feeding-induced cardiac insulin resistance. Cell Stress and Chaperones, 2015, 20, 461-472.	1.2	9
71	Analysis of the liver lipidome reveals insights into the protective effect of exercise on high-fat diet-induced hepatosteatosis in mice. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E778-E791.	1.8	43
72	The CDP-Ethanolamine Pathway Regulates Skeletal Muscle Diacylglycerol Content and Mitochondrial Biogenesis without Altering Insulin Sensitivity. Cell Metabolism, 2015, 21, 718-730.	7.2	83

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73	Fetuin B Is a Secreted Hepatocyte Factor Linking Steatosis to Impaired Glucose Metabolism. Cell Metabolism, 2015, 22, 1078-1089.	7.2	192
74	Long-Term Overexpression of Hsp70 Does Not Protect against Cardiac Dysfunction and Adverse Remodeling in a MURC Transgenic Mouse Model with Chronic Heart Failure and Atrial Fibrillation. PLoS ONE, 2015, 10, e0145173.	1.1	15
75	Mitochondrial dysfunction in oocytes of obese mothers: transmission to offspring and reversal by pharmacological endoplasmic reticulum stress inhibitors. Journal of Cell Science, 2015, 128, e1-e1.	1.2	0
76	Abstract 698: Increases Reticulated Platelets due to Enhanced Proliferation and Expansion of Bone Marrow Megakaryocyte Progenitors Accelerates Atherosclerosis in Diabetes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	1.1	0
77	Abstract 46: Cellular Cholesterol Homeostasis is Altered in Murine Models of Rheumatoid Arthritis and is Linked to Enhanced Myelopoiesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	1.1	0
78	Role of IL-6 in Exercise Training- and Cold-Induced UCP1 Expression in Subcutaneous White Adipose Tissue. PLoS ONE, 2014, 9, e84910.	1.1	158
79	The Dual-Specificity Phosphatase 2 (DUSP2) Does Not Regulate Obesity-Associated Inflammation or Insulin Resistance in Mice. PLoS ONE, 2014, 9, e111524.	1.1	9
80	The small-molecule BGP-15 protects against heart failure and atrial fibrillation in mice. Nature Communications, 2014, 5, 5705.	5.8	86
81	Chaperoning to the metabolic party: The emerging therapeutic role of heat-shock proteins in obesity and type 2 diabetes. Molecular Metabolism, 2014, 3, 781-793.	3.0	87
82	Come on BAIBA Light My Fire. Cell Metabolism, 2014, 19, 1-2.	7.2	38
83	Signaling by IL-6 promotes alternative activation of macrophages to limit endotoxemia and obesity-associated resistance to insulin. Nature Immunology, 2014, 15, 423-430.	7.0	577
84	Adipose tissue inflammation in glucose metabolism. Reviews in Endocrine and Metabolic Disorders, 2014, 15, 31-44.	2.6	69
85	From cytokine to myokine: the emerging role of interleukinâ€6 in metabolic regulation. Immunology and Cell Biology, 2014, 92, 331-339.	1.0	196
86	Role of interleukins in obesity: implications for metabolic disease. Trends in Endocrinology and Metabolism, 2014, 25, 312-319.	3.1	99
87	The immunomodulating role of exercise in metabolic disease. Trends in Immunology, 2014, 35, 262-269.	2.9	157
88	Coinhibitory Suppression of T Cell Activation by CD40 Protects Against Obesity and Adipose Tissue Inflammation in Mice. Circulation, 2014, 129, 2414-2425.	1.6	59
89	Integrated control of hepatic lipogenesis versus glucose production requires FoxO transcription factors. Nature Communications, 2014, 5, 5190.	5.8	148
90	Activating HSP72 in Rodent Skeletal Muscle Increases Mitochondrial Number and Oxidative Capacity and Decreases Insulin Resistance. Diabetes, 2014, 63, 1881-1894.	0.3	153

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91	HSP72 Is a Mitochondrial Stress Sensor Critical for Parkin Action, Oxidative Metabolism, and Insulin Sensitivity in Skeletal Muscle. Diabetes, 2014, 63, 1488-1505.	0.3	108
92	Distinct patterns of tissue-specific lipid accumulation during the induction of insulin resistance in mice by high-fat feeding. Diabetologia, 2013, 56, 1638-1648.	2.9	339
93	Interleukin-18 Activates Skeletal Muscle AMPK and Reduces Weight Gain and Insulin Resistance in Mice. Diabetes, 2013, 62, 3064-3074.	0.3	71
94	The transcription factor IRF4 is essential for TCR affinityâ€“mediated metabolic programming and clonal expansion of T cells. Nature Immunology, 2013, 14, 1155-1165.	7.0	337
95	The Sphingosine-1-Phosphate Analog FTY720 Reduces Muscle Ceramide Content and Improves Glucose Tolerance in High Fat-Fed Male Mice. Endocrinology, 2013, 154, 65-76.	1.4	48
96	Marked phenotypic differences of endurance performance and exercise-induced oxygen consumption between AMPK and LKB1 deficiency in mouse skeletal muscle: changes occurring in the diaphragm. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E213-E229.	1.8	17
97	Hydroximic Acid Derivatives: Pleiotropic Hsp Co-Inducers Restoring Homeostasis and Robustness. Current Pharmaceutical Design, 2013, 19, 309-346.	0.9	61
98	Thrombin-mediated Proteoglycan Synthesis Utilizes Both Protein-tyrosine Kinase and Serine/Threonine Kinase Receptor Transactivation in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2013, 288, 7410-7419.	1.6	47
99	p32 protein levels are integral to mitochondrial and endoplasmic reticulum morphology, cell metabolism and survival. Biochemical Journal, 2013, 453, 381-391.	1.7	61
100	Maternal obesity and diabetes induces latent metabolic defects and widespread epigenetic changes in isogenic mice. Epigenetics, 2013, 8, 602-611.	1.3	75
101	Targeting gp130 to prevent inflammation and promote insulin action. Diabetes, Obesity and Metabolism, 2013, 15, 170-175.	2.2	26
102	IÎºB kinase Î² (IKKÎ²) does not mediate feedback inhibition of the insulin signalling cascade. Biochemical Journal, 2012, 442, 723-732.	1.7	5
103	Contraction-induced Interleukin-6 Gene Transcription in Skeletal Muscle Is Regulated by c-Jun Terminal Kinase/Activator Protein-1. Journal of Biological Chemistry, 2012, 287, 10771-10779.	1.6	87
104	Phosphoinositide 3-Kinase p110Î± Is a Master Regulator of Exercise-Induced Cardioprotection and PI3K Gene Therapy Rescues Cardiac Dysfunction. Circulation: Heart Failure, 2012, 5, 523-534.	1.6	115
105	Hedgehog Partial Agonism Drives Warburg-like Metabolism in Muscle and Brown Fat. Cell, 2012, 151, 414-426.	13.5	237
106	Follistatin-mediated skeletal muscle hypertrophy is regulated by Smad3 and mTOR independently of myostatin. Journal of Cell Biology, 2012, 197, 997-1008.	2.3	167
107	IL-6 Muscles In on the Gut and Pancreas to Enhance Insulin Secretion. Cell Metabolism, 2012, 15, 8-9.	7.2	18
108	Overexpression of Sphingosine Kinase 1 Prevents Ceramide Accumulation and Ameliorates Muscle Insulin Resistance in High-Fat Dietâ€“Fed Mice. Diabetes, 2012, 61, 3148-3155.	0.3	126

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109	Skeletal muscle-specific overproduction of constitutively activated c-Jun N-terminal kinase (JNK) induces insulin resistance in mice. Diabetologia, 2012, 55, 2769-2778.	2.9	49
110	Plasma Lysophosphatidylcholine Levels Are Reduced in Obesity and Type 2 Diabetes. PLoS ONE, 2012, 7, e41456.	1.1	285
111	Hsp72 preserves muscle function and slows progression of severe muscular dystrophy. Nature, 2012, 484, 394-398.	13.7	243
112	Muscles, exercise and obesity: skeletal muscle as a secretory organ. Nature Reviews Endocrinology, 2012, 8, 457-465.	4.3	1,972
113	CD40L Deficiency Attenuates Diet-Induced Adipose Tissue Inflammation by Impairing Immune Cell Accumulation and Production of Pathogenic IgG-Antibodies. PLoS ONE, 2012, 7, e33026.	1.1	33
114	Tumor Progression Locus 2 (Tpl2) Deficiency Does Not Protect against Obesity-Induced Metabolic Disease. PLoS ONE, 2012, 7, e39100.	1.1	7
115	Exercise Induces a Marked Increase in Plasma Follistatin: Evidence That Follistatin Is a Contraction-Induced Hepatokine. Endocrinology, 2011, 152, 164-171.	1.4	152
116	Differential response to resistance training in CHF according to ACE genotype. International Journal of Cardiology, 2011, 149, 330-334.	0.8	8
117	Phosphoinositide 3-kinase as a novel functional target for the regulation of the insulin signaling pathway by SIRT1. Molecular and Cellular Endocrinology, 2011, 335, 166-176.	1.6	109
118	Deletion of macrophage migration inhibitory factor protects the heart from severe ischemiaâ€“reperfusion injury: A predominant role of anti-inflammation. Journal of Molecular and Cellular Cardiology, 2011, 50, 991-999.	0.9	99
119	Adiponectin sphings into action. Nature Medicine, 2011, 17, 37-38.	15.2	15
120	Deficiency of haematopoietic-cell-derived IL-10 does not exacerbate high-fat-diet-induced inflammation or insulin resistance in mice. Diabetologia, 2011, 54, 888-899.	2.9	50
121	Adipose Triglyceride Lipase-Null Mice Are Resistant to High-Fat Dietâ€“Induced Insulin Resistance Despite Reduced Energy Expenditure and Ectopic Lipid Accumulation. Endocrinology, 2011, 152, 48-58.	1.4	94
122	Hematopoietic Cellâ€“Restricted Deletion of CD36 Reduces High-Fat Dietâ€“Induced Macrophage Infiltration and Improves Insulin Signaling in Adipose Tissue. Diabetes, 2011, 60, 1100-1110.	0.3	65
123	Myeloid-specific estrogen receptor Î± deficiency impairs metabolic homeostasis and accelerates atherosclerotic lesion development. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16457-16462.	3.3	147
124	IL-10 Controls Cystatin C Synthesis and Blood Concentration in Response to Inflammation through Regulation of IFN Regulatory Factor 8 Expression. Journal of Immunology, 2011, 186, 3666-3673.	0.4	43
125	Overcoming Insulin Resistance with Ciliary Neurotrophic Factor. Handbook of Experimental Pharmacology, 2011, , 179-199.	0.9	15
126	Membrane-Lipid Therapy in Operation: The HSP Co-Inducer BGP-15 Activates Stress Signal Transduction Pathways by Remodeling Plasma Membrane Rafts. PLoS ONE, 2011, 6, e28818.	1.1	71

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127	IL6 as a mediator of insulin resistance: fat or fiction?. Diabetologia, 2010, 53, 399-402.	2.9	37
128	Interleukin-6-deficient mice develop hepatic inflammation and systemic insulin resistance. Diabetologia, 2010, 53, 2431-2441.	2.9	283
129	Current knowledge on playing football in hot environments. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 161-167.	1.3	51
130	Is Interleukin-6 Receptor Blockade the Holy Grail for Inflammatory Diseases?. Clinical Pharmacology and Therapeutics, 2010, 87, 396-398.	2.3	49
131	The 2009 Stock Conference Report: Inflammation, Obesity and Metabolic Disease. Obesity Reviews, 2010, 11, 635-644.	3.1	48
132	PI3K(p110Î±) Protects Against Myocardial Infarction-Induced Heart Failure. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 724-732.	1.1	160
133	Treatment of diabetes mellitus: new tricks by an old player. Nature Reviews Endocrinology, 2010, 6, 482-483.	4.3	6
134	HSP and Diabetes. Heat Shock Proteins, 2010, , 3-18.	0.2	5
135	Adiponectin Sparks an Interest in Calcium. Cell Metabolism, 2010, 11, 447-449.	7.2	8
136	Cytokine Regulation of AMPK signalling. Frontiers in Bioscience - Landmark, 2009, Volume, 1902.	3.0	40
137	FOXO1 regulates the expression of 4E-BP1 and inhibits mTOR signaling in mammalian skeletal muscle.. Journal of Biological Chemistry, 2009, 284, 20440.	1.6	1
138	High-Density Lipoprotein Modulates Glucose Metabolism in Patients With Type 2 Diabetes Mellitus. Circulation, 2009, 119, 2103-2111.	1.6	363
139	Î±₂-AMPK activity is not essential for an increase in fatty acid oxidation during low-intensity exercise. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E47-E55.	1.8	49
140	Overexpression of Carnitine Palmitoyltransferase-1 in Skeletal Muscle Is Sufficient to Enhance Fatty Acid Oxidation and Improve High-Fat Dietâ€“Induced Insulin Resistance. Diabetes, 2009, 58, 550-558.	0.3	295
141	Site-Specific Antiatherogenic Effect of the Antioxidant Ebselen in the Diabetic Apolipoprotein Eâ€“Deficient Mouse. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 823-830.	1.1	86
142	Interleukin-6 Attenuates Insulin-Mediated Increases in Endothelial Cell Signaling but Augments Skeletal Muscle Insulin Action via Differential Effects on Tumor Necrosis Factor-Î± Expression. Diabetes, 2009, 58, 1086-1095.	0.3	49
143	Brain-derived neurotrophic factor is produced by skeletal muscle cells in response to contraction and enhances fat oxidation via activation of AMP-activated protein kinase. Diabetologia, 2009, 52, 1409-1418.	2.9	535
144	Role of exerciseâ€induced brainâ€derived neurotrophic factor production in the regulation of energy homeostasis in mammals. Experimental Physiology, 2009, 94, 1153-1160.	0.9	217

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145	Skeletal muscle: not simply an organ for locomotion and energy storage. Journal of Physiology, 2009, 587, 509-510.	1.3	10
146	Examination of â€˜lipotoxicityâ€™ in skeletal muscle of highâ€fat fed and <i>ob</i>/<i>ob</i> mice. Journal of Physiology, 2009, 587, 1593-1605.	1.3	95
147	Reactive Oxygen Species Enhance Insulin Sensitivity. Cell Metabolism, 2009, 10, 260-272.	7.2	509
148	CNTF: a target therapeutic for obesity-related metabolic disease?. Journal of Molecular Medicine, 2008, 86, 353-361.	1.7	31
149	Oxidative stress-induced insulin resistance in skeletal muscle cells is ameliorated by gamma-tocopherol treatment. European Journal of Nutrition, 2008, 47, 387-392.	1.8	30
150	Muscle as an Endocrine Organ: Focus on Muscle-Derived Interleukin-6. Physiological Reviews, 2008, 88, 1379-1406.	13.1	1,683
151	HSP72 protects against obesity-induced insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1739-1744.	3.3	477
152	Prolonged interleukin-6 administration enhances glucose tolerance and increases skeletal muscle PPARÎ± and UCP2 expression in rats. Journal of Endocrinology, 2008, 198, 367-374.	1.2	55
153	FOXO1 Regulates the Expression of 4E-BP1 and Inhibits mTOR Signaling in Mammalian Skeletal Muscle. Journal of Biological Chemistry, 2007, 282, 21176-21186.	1.6	89
154	Tissue-Specific Effects of Rosiglitazone and Exercise in the Treatment of Lipid-Induced Insulin Resistance. Diabetes, 2007, 56, 1856-1864.	0.3	85
155	Exercise and inflammation. Journal of Applied Physiology, 2007, 103, 376-377.	1.2	53
156	Effect of High-Frequency Resistance Exercise on Adaptive Responses in Skeletal Muscle. Medicine and Science in Sports and Exercise, 2007, 39, 2135-2144.	0.2	30
157	Interleukin-6 does/does not have a beneficial role in insulin sensitivity and glucose homeostasis. Journal of Applied Physiology, 2007, 102, 814-816.	1.2	148
158	Last Word on Point:Counterpoint â€œInterleukin-6 does/does not have a beneficial role in insulin sensitivity and glucose homoeostasisâ€• Journal of Applied Physiology, 2007, 102, 825-825.	1.2	0
159	Hepatic lactate uptake versus leg lactate output during exercise in humans. Journal of Applied Physiology, 2007, 103, 1227-1233.	1.2	38
160	It's what you do with the fat that matters!. Nature Medicine, 2007, 13, 1137-1138.	15.2	6
161	Mechanisms of Stress-Induced Cellular Hsp72 Release. , 2007, , 31-37.		3
162	gp130 receptor ligands as potential therapeutic targets for obesity. Journal of Clinical Investigation, 2007, 117, 841-849.	3.9	105

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163	Macrophage PPARÎ³ is required for normal skeletal muscle and hepatic insulin sensitivity and full antidiabetic effects of thiazolidinediones. Journal of Clinical Investigation, 2007, 117, 1658-1669.	3.9	413
164	AMP-activated protein kinase â€" the fat controller of the energy railroadThis paper is one of a selection of papers published in this Special issue, entitled Second Messengers and Phosphoproteinsâ€"12th International Conference.. Canadian Journal of Physiology and Pharmacology, 2006, 84, 655-665.	0.7	66
165	Exercise and interleukin-6 action. Expert Review of Endocrinology and Metabolism, 2006, 1, 319-321.	1.2	9
166	Reduced glycogen availability is associated with increased AMPKÎ±2 activity, nuclear AMPKÎ±2 protein abundance, and GLUT4 mRNA expression in contracting human skeletal muscle. Applied Physiology, Nutrition and Metabolism, 2006, 31, 302-312.	0.9	83
167	Tumor necrosis factor Î±-induced skeletal muscle insulin resistance involves suppression of AMP-kinase signaling. Cell Metabolism, 2006, 4, 465-474.	7.2	363
168	Vitamin E isoform-specific inhibition of the exercise-induced heat shock protein 72 expression in humans. Journal of Applied Physiology, 2006, 100, 1679-1687.	1.2	77
169	CNTF reverses obesity-induced insulin resistance by activating skeletal muscle AMPK. Nature Medicine, 2006, 12, 541-548.	15.2	250
170	Fatty acids stimulate AMP-activated protein kinase and enhance fatty acid oxidation in L6 myotubes. Journal of Physiology, 2006, 574, 139-147.	1.3	91
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