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	Muscles, exercise and obesity: skeletal muscle as a secretory organ. Nature Reviews Endocrinology, 2012, 8, 457-465.	4.3	1,972
2	Muscle as an Endocrine Organ: Focus on Muscle-Derived Interleukin-6. Physiological Reviews, 2008, 88, 1379-1406.	13.1	1,683
3	Muscleâ€derived interleukinâ€6: mechanisms for activation and possible biological roles. FASEB Journal, 2002, 16, 1335-1347.	0.2	717
4	Interleukin-6 Increases Insulin-Stimulated Glucose Disposal in Humans and Glucose Uptake and Fatty Acid Oxidation In Vitro via AMP-Activated Protein Kinase. Diabetes, 2006, 55, 2688-2697.	0.3	699
5	Exercise and ILâ€6 infusion inhibit endotoxinâ€induced TNFâ€Î± production in humans. FASEB Journal, 2003, 17, 1-10.	0.2	612
6	Interleukin-6 Stimulates Lipolysis and Fat Oxidation in Humans. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3005-3010.	1.8	609
7	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
8	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
9	Reactive Oxygen Species Enhance Insulin Sensitivity. Cell Metabolism, 2009, 10, 260-272.	7.2	509
10	Exosome-dependent Trafficking of HSP70. Journal of Biological Chemistry, 2005, 280, 23349-23355.	1.6	483
11	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
12	Extracellular Vesicles Provide a Means for Tissue Crosstalk during Exercise. Cell Metabolism, 2018, 27, 237-251.e4.	7.2	426
13	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
14	Tumor necrosis factor Î±-induced skeletal muscle insulin resistance involves suppression of AMP-kinase signaling. Cell Metabolism, 2006, 4, 465-474.	7.2	363
15	High-Density Lipoprotein Modulates Glucose Metabolism in Patients With Type 2 Diabetes Mellitus. Circulation, 2009, 119, 2103-2111.	1.6	363
16	Interleukin-6 Is a Novel Factor Mediating Glucose Homeostasis During Skeletal Muscle Contraction. Diabetes, 2004, 53, 1643-1648.	0.3	352
17	Interleukinâ€6 production in contracting human skeletal muscle is influenced by preâ€exercise muscle glycogen content. Journal of Physiology, 2001, 537, 633-639.	1.3	348
18	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

#	Article	IF	Citations
19	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
20	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
21	IL-6 and TNF-Î± expression in, and release from, contracting human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E1272-E1278.	1.8	322
22	Intramuscular Heat Shock Protein 72 and Heme Oxygenase-1 mRNA Are Reduced in Patients With Type 2 Diabetes: Evidence That Insulin Resistance Is Associated With a Disturbed Antioxidant Defense Mechanism. Diabetes, 2003, 52, 2338-2345.	0.3	310
23	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
24	Contraction-Induced Myokine Production and Release: Is Skeletal Muscle an Endocrine Organ?. Exercise and Sport Sciences Reviews, 2005, 33, 114-119.	1.6	306
25	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
26	Plasma Lysophosphatidylcholine Levels Are Reduced in Obesity and Type 2 Diabetes. PLoS ONE, 2012, 7, e41456.	1.1	285
27	Interleukin-6-deficient mice develop hepatic inflammation and systemic insulin resistance. Diabetologia, 2010, 53, 2431-2441.	2.9	283
28	Saturated, but not n-6 polyunsaturated, fatty acids induce insulin resistance: role of intramuscular accumulation of lipid metabolites. Journal of Applied Physiology, 2006, 100, 1467-1474.	1.2	269
29	Exerkines in health, resilience and disease. Nature Reviews Endocrinology, 2022, 18, 273-289.	4.3	268
30	Effects of heat stress on physiological responses and exercise performance in elite cyclists. Journal of Science and Medicine in Sport, 2000, 3, 186-193.	0.6	250
31	CNTF reverses obesity-induced insulin resistance by activating skeletal muscle AMPK. Nature Medicine, 2006, 12, 541-548.	15.2	250
32	Hsp72 preserves muscle function and slows progression of severe muscular dystrophy. Nature, 2012, 484, 394-398.	13.7	243
33	Acute IL-6 treatment increases fatty acid turnover in elderly humans in vivo and in tissue culture in vitro. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E155-E162.	1.8	238
34	Hedgehog Partial Agonism Drives Warburg-like Metabolism in Muscle and Brown Fat. Cell, 2012, 151, 414-426.	13.5	237
35	Exercise increases serum Hsp72 in humans. Cell Stress and Chaperones, 2001, 6, 386.	1.2	236
36	Skeletal myocytes are a source of interleukinâ€6 mRNA expression and protein release during contraction: evidence of fiber type specificity. FASEB Journal, 2004, 18, 992-994.	0.2	227

#	Article	IF	Citations
37	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
38	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
39	Effect of ambient temperature on human skeletal muscle metabolism during fatiguing submaximal exercise. Journal of Applied Physiology, 1999, 86, 902-908.	1.2	214
40	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
41	The ever-expanding myokinome: discovery challenges and therapeutic implications. Nature Reviews Drug Discovery, 2016, 15, 719-729.	21.5	204
42	Circulating monocytes are not the source of elevations in plasma IL-6 and TNF-Î± levels after prolonged running. American Journal of Physiology - Cell Physiology, 2001, 280, C769-C774.	2.1	199
43	Muscle metabolism during exercise and heat stress in trained men: effect of acclimation. Journal of Applied Physiology, 1994, 76, 589-597.	1.2	197
44	Regulation of HSL serine phosphorylation in skeletal muscle and adipose tissue. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E500-E508.	1.8	197
45	From cytokine to myokine: the emerging role of interleukinâ€6 in metabolic regulation. Immunology and Cell Biology, 2014, 92, 331-339.	1.0	196
46	Fetuin B Is a Secreted Hepatocyte Factor Linking Steatosis to Impaired Glucose Metabolism. Cell Metabolism, 2015, 22, 1078-1089.	7.2	192
47	Effect of heat stress on muscle energy metabolism during exercise. Journal of Applied Physiology, 1994, 77, 2827-2831.	1.2	182
48	Muscle-derived interleukin-6: lipolytic, anti-inflammatory and immune regulatory effects. Pflugers Archiv European Journal of Physiology, 2003, 446, 9-16.	1.3	175
49	Fructose stimulated de novo lipogenesis is promoted by inflammation. Nature Metabolism, 2020, 2, 1034-1045.	5.1	174
50	Cytokine response to eccentric exercise in young and elderly humans. American Journal of Physiology - Cell Physiology, 2002, 283, C289-C295.	2.1	171
51	Preclinical Models for Studying NASH-Driven HCC: How Useful Are They?. Cell Metabolism, 2019, 29, 18-26.	7.2	169
52	Carbohydrate ingestion attenuates the increase in plasma interleukinâ€6, but not skeletal muscle interleukinâ€6 mRNA, during exercise in humans. Journal of Physiology, 2001, 533, 585-591.	1.3	167
53	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
54	Muscle-derived interleukin-6â€"A possible link between skeletal muscle, adipose tissue, liver, and brain. Brain, Behavior, and Immunity, 2005, 19, 371-376.	2.0	166

#	Article	IF	Citations
55	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
56	Preexercise carbohydrate ingestion, glucose kinetics, and muscle glycogen use: effect of the glycemic index. Journal of Applied Physiology, 2000, 89, 1845-1851.	1.2	165
57	PI3K(p110Î±) Protects Against Myocardial Infarction-Induced Heart Failure. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 724-732.	1.1	160
58	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
59	The immunomodulating role of exercise in metabolic disease. Trends in Immunology, 2014, 35, 262-269.	2.9	157
60	Glucose Ingestion Attenuates Interleukinâ€6 Release from Contracting Skeletal Muscle in Humans. Journal of Physiology, 2003, 549, 607-612.	1.3	154
61	Male-lineage transmission of an acquired metabolic phenotype induced by grand-paternal obesity. Molecular Metabolism, 2016, 5, 699-708.	3.0	154
62	Effect of fat adaptation and carbohydrate restoration on metabolism and performance during prolonged cycling. Journal of Applied Physiology, 2000, 89, 2413-2421.	1.2	153
63	Exercise induces hepatosplanchnic release of heat shock protein 72 in humans. Journal of Physiology, 2002, 544, 957-962.	1.3	153
64	Activating HSP72 in Rodent Skeletal Muscle Increases Mitochondrial Number and Oxidative Capacity and Decreases Insulin Resistance. Diabetes, 2014, 63, 1881-1894.	0.3	153
65	Exercise Induces a Marked Increase in Plasma Follistatin: Evidence That Follistatin Is a Contraction-Induced Hepatokine. Endocrinology, 2011, 152, 164-171.	1.4	152
66	Effect of ovarian hormones on mitochondrial enzyme activity in the fat oxidation pathway of skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E803-E808.	1.8	150
67	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
68	Integrated control of hepatic lipogenesis versus glucose production requires FoxO transcription factors. Nature Communications, 2014, 5, 5190.	5.8	148
69	HSP72 gene expression progressively increases in human skeletal muscle during prolonged, exhaustive exercise. Journal of Applied Physiology, 2000, 89, 1055-1060.	1.2	147
70	Interleukin-6 and tumor necrosis factor-? are not increased in patients with Type 2 diabetes: evidence that plasma interleukin-6 is related to fat mass and not insulin responsiveness. Diabetologia, 2004, 47, 1029-37.	2.9	147
71	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
72	Apoptosis in skeletal muscle myotubes is induced by ceramides and is positively related to insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1341-E1350.	1.8	146

#	Article	IF	Citations
73	Effects of carbohydrate ingestion before and during exercise on glucose kinetics and performance. Journal of Applied Physiology, 2000, 89, 2220-2226.	1.2	145
74	Influence of sprint training on human skeletal muscle purine nucleotide metabolism. Journal of Applied Physiology, 1994, 76, 1802-1809.	1.2	143
75	Sex-specific adipose tissue imprinting of regulatory T cells. Nature, 2020, 579, 581-585.	13.7	141
76	Reduced glycogen availability is associated with an elevation in HSP72 in contracting human skeletal muscle. Journal of Physiology, 2002, 538, 911-917.	1.3	135
77	IL-18 Production from the NLRP1 Inflammasome Prevents Obesity and Metabolic Syndrome. Cell Metabolism, 2016, 23, 155-164.	7.2	133
78	Effect of epinephrine on muscle glycogenolysis during exercise in trained men. Journal of Applied Physiology, 1998, 84, 465-470.	1.2	131
79	Adrenaline increases skeletal muscle glycogenolysis, pyruvate dehydrogenase activation and carbohydrate oxidation during moderate exercise in humans. Journal of Physiology, 2001, 534, 269-278.	1.3	131
80	Heat stress, cytokines, and the immune response to exercise. Brain, Behavior, and Immunity, 2005, 19, 404-412.	2.0	130
81	Effect of creatine supplementation on intramuscular TCr, metabolism and performance during intermittent, supramaximal exercise in humans. Acta Physiologica Scandinavica, 1995, 155, 387-395.	2.3	127
82	Glucose kinetics and exercise performance during phases of the menstrual cycle: effect of glucose ingestion. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E817-E825.	1.8	126
83	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
84	Muscle metabolites and performance during high-intensity, intermittent exercise. Journal of Applied Physiology, 1998, 84, 1687-1691.	1.2	125
85	Suppression of plasma free fatty acids upregulates peroxisome proliferator-activated receptor (PPAR) Î± and Î´ and PPAR coactivator 1Î± in human skeletal muscle, but not lipid regulatory genes. Journal of Molecular Endocrinology, 2004, 33, 533-544.	1.1	125
86	Alterations in Energy Metabolism During Exercise and Heat Stress. Sports Medicine, 2001, 31, 47-59.	3.1	124
87	Skeletal muscle phenotype is associated with exercise tolerance in patients with peripheral arterial disease. Journal of Vascular Surgery, 2005, 41, 802-807.	0.6	124
88	Cytokine gene expression in human skeletal muscle during concentric contraction: evidence that IL-8, like IL-6, is influenced by glycogen availability. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R322-R327.	0.9	122
89	Interleukin-6 and insulin sensitivity: friend or foe?. Diabetologia, 2004, 47, 1135-1142.	2.9	119
90	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

#	Article	IF	Citations
91	Effect of the ovarian hormones on GLUT4 expression and contraction-stimulated glucose uptake. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E1139-E1146.	1.8	110
92	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
93	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
94	Effect of heat stress on glucose kinetics during exercise. Journal of Applied Physiology, 1996, 81, 1594-1597.	1.2	107
95	Acute interleukin-6 administration does not impair muscle glucose uptake or whole-body glucose disposal in healthy humans. Journal of Physiology, 2003, 548, 631-638.	1.3	106
96	gp130 receptor ligands as potential therapeutic targets for obesity. Journal of Clinical Investigation, 2007, 117, 841-849.	3.9	105
97	CHO feeding before prolonged exercise: effect of glycemic index on muscle glycogenolysis and exercise performance. Journal of Applied Physiology, 1996, 81, 1115-1120.	1.2	102
98	Effect of prolonged, submaximal exercise and carbohydrate ingestion on monocyte intracellular cytokine production in humans. Journal of Physiology, 2000, 528, 647-655.	1.3	102
99	Altering dietary nutrient intake that reduces glycogen content leads to phosphorylation of nuclear p38 MAP kinase in human skeletal muscle: association with ILâ€6 gene transcription during contraction. FASEB Journal, 2004, 18, 1785-1787.	0.2	100
100	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
101	Role of interleukins in obesity: implications for metabolic disease. Trends in Endocrinology and Metabolism, 2014, 25, 312-319.	3.1	99
102	Influence of elevated muscle temperature on metabolism during intense, dynamic exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1996, 271, R1251-R1255.	0.9	97
103	Metabolic communication during exercise. Nature Metabolism, 2020, 2, 805-816.	5.1	97
104	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
105	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
106	The roles of câ€Jun NH₂â€terminal kinases (JNKs) in obesity and insulin resistance. Journal of Physiology, 2016, 594, 267-279.	1.3	94
107	Ciliary Neurotrophic Factor Suppresses Hypothalamic AMP-Kinase Signaling in Leptin-Resistant Obese Mice. Endocrinology, 2006, 147, 3906-3914.	1.4	92
108	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

#	Article	IF	Citations
109	Effect of pre-cooling, with and without thigh cooling, on strain and endurance exercise performance in the heat. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2001, 128, 667-677.	0.8	89
110	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
111	Effect of carbohydrate or carbohydrate plus medium-chain triglyceride ingestion on cycling time trial performance. Journal of Applied Physiology, 2000, 88, 113-119.	1.2	88
112	Stearoyl CoA desaturase 1 is elevated in obesity but protects against fatty acid-induced skeletal muscle insulin resistance in vitro. Diabetologia, 2006, 49, 3027-3037.	2.9	88
113	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
114	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
115	Exercise induces the release of heat shock protein 72 from the human brain in vivo. Cell Stress and Chaperones, 2004, 9, 276.	1.2	87
116	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
117	The small-molecule BGP-15 protects against heart failure and atrial fibrillation in mice. Nature Communications, 2014, 5, 5705.	5.8	86
118	Tissue-Specific Effects of Rosiglitazone and Exercise in the Treatment of Lipid-Induced Insulin Resistance. Diabetes, 2007, 56, 1856-1864.	0.3	85
119	Reduced plasma FFA availability increases net triacylglycerol degradation, but not GPAT or HSL activity, in human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E120-E127.	1.8	84
120	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
121	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
122	Health benefits of exercise â€" more than meets the eye!. Nature Reviews Endocrinology, 2017, 13, 72-74.	4.3	83
123	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
124	Glucose ingestion attenuates the exercise-induced increase in circulating heat shock protein 72 and heat shock protein 60 in humans. Cell Stress and Chaperones, 2004, 9, 390.	1.2	77
125	17beta-estradiol upregulates the expression of peroxisome proliferator-activated receptor alpha and lipid oxidative genes in skeletal muscle. Journal of Molecular Endocrinology, 2003, 31, 37-45.	1.1	76
126	Ciliary Neurotrophic Factor Prevents Acute Lipid-Induced Insulin Resistance by Attenuating Ceramide Accumulation and Phosphorylation of c-Jun N-Terminal Kinase in Peripheral Tissues. Endocrinology, 2006, 147, 2077-2085.	1.4	76

#	Article	IF	Citations
127	Maternal obesity and diabetes induces latent metabolic defects and widespread epigenetic changes in isogenic mice. Epigenetics, 2013, 8, 602-611.	1.3	75
128	Glycogen availability does not affect the TCA cycle or TAN pools during prolonged, fatiguing exercise. Journal of Applied Physiology, 2003, 94, 2181-2187.	1.2	73
129	Muscle metabolism during sprint exercise in man: influence of sprint training. Journal of Science and Medicine in Sport, 2004, 7, 314-322.	0.6	73
130	Interleukin-18 Activates Skeletal Muscle AMPK and Reduces Weight Gain and Insulin Resistance in Mice. Diabetes, 2013, 62, 3064-3074.	0.3	71
131	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
132	Skeletal muscle interleukin-6 and tumor necrosis factor-Î± release in healthy subjects and patients with type 2 diabetes at rest and during exercise. Metabolism: Clinical and Experimental, 2003, 52, 939-944.	1.5	69
133	Adipose tissue inflammation in glucose metabolism. Reviews in Endocrine and Metabolic Disorders, 2014, 15, 31-44.	2.6	69
134	Î²â€adrenergic stimulation of skeletal muscle HSL can be overridden by AMPK signaling. FASEB Journal, 2004, 18, 1445-1446.	0.2	68
135	Disruption of the Class IIa HDAC Corepressor Complex Increases Energy Expenditure and Lipid Oxidation. Cell Reports, 2016, 16, 2802-2810.	2.9	68
136	â€œSweet deathâ€: Fructose as a metabolic toxin that targets the gut-liver axis. Cell Metabolism, 2021, 33, 2316-2328.	7.2	68
137	Blunting the rise in body temperature reduces muscle glycogenolysis during exercise in humans. Experimental Physiology, 1996, 81, 685-693.	0.9	67
138	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
139	Effect of training status and relative exercise intensity on physiological responses in men. Medicine and Science in Sports and Exercise, 2000, 32, 1648-1654.	0.2	65
140	PGCâ€1Î± gene expression is downâ€regulated by Aktâ€mediated phosphorylation and nuclear exclusion of FoxO1 in insulinâ€stimulated skeletal muscle. FASEB Journal, 2005, 19, 2072-2074.	0.2	65
141	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
142	Hepatosplanchnic clearance of interleukin-6 in humans during exercise. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E397-E402.	1.8	64
143	Activation of mitochondrial fusion provides a new treatment for mitochondria-related diseases. Biochemical Pharmacology, 2018, 150, 86-96.	2.0	63
144	Defective cholesterol metabolism in haematopoietic stem cells promotes monocyte-driven atherosclerosis in rheumatoid arthritis. European Heart Journal, 2018, 39, 2158-2167.	1.0	63

#	Article	IF	Citations
145	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
146	Hydroximic Acid Derivatives: Pleiotropic Hsp Co-Inducers Restoring Homeostasis and Robustness. Current Pharmaceutical Design, 2013, 19, 309-346.	0.9	61
147	p32 protein levels are integral to mitochondrial and endoplasmic reticulum morphology, cell metabolism and survival. Biochemical Journal, 2013, 453, 381-391.	1.7	61
148	Pre-exercise carbohydrate ingestion: effect of the glycemic index on endurance exercise performance. Medicine and Science in Sports and Exercise, 1998, 30, 844-849.	0.2	60
149	Effect of Temperature on Muscle Metabolism During Submaximal Exercise in Humans. Experimental Physiology, 1999, 84, 775-784.	0.9	59
150	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
151	Muscle glycogen content and glucose uptake during exercise in humans: influence of prior exercise and dietary manipulation. Journal of Physiology, 2002, 541, 273-281.	1.3	58
152	Chronic rosiglitazone treatment restores AMPKÎ±2 activity in insulin-resistant rat skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E251-E257.	1.8	58
153	Nanoporous Metalâ€"Phenolic Particles as Ultrasound Imaging Probes for Hydrogen Peroxide. Advanced Healthcare Materials, 2015, 4, 2170-2175.	3.9	57
154	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
155	Treatment of type 2 diabetes with the designer cytokine IC7Fc. Nature, 2019, 574, 63-68.	13.7	55
156	Muscle glycogen storage following prolonged exercise: effect of timing of ingestion of high glycemic index food. Medicine and Science in Sports and Exercise, 1997, 29, 220-224.	0.2	54
157	Female reproductive life span is extended by targeted removal of fibrotic collagen from the mouse ovary. Science Advances, 2022, 8, .	4.7	54
158	Skeletal muscle energy metabolism during prolonged, fatiguing exercise. Journal of Applied Physiology, 1999, 87, 2341-2347.	1.2	53
159	Rosiglitazone Enhances Glucose Tolerance by Mechanisms Other than Reduction of Fatty Acid Accumulation within Skeletal Muscle. Endocrinology, 2004, 145, 5665-5670.	1.4	53
160	Exercise and inflammation. Journal of Applied Physiology, 2007, 103, 376-377.	1.2	53
161	Attenuation of AMPK signaling by ROQUIN promotes T follicular helper cell formation. ELife, 2015, 4, .	2.8	52
162	Effect of Caffeine Co-Ingested with Carbohydrate or Fat on Metabolism and Performance in Endurance-Trained Men. Experimental Physiology, 2001, 86, 137-144.	0.9	51

#	Article	IF	Citations
163	The influence of whole-body vs. torso pre-cooling on physiological strain and performance of high-intensity exercise in the heat. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2001, 128, 657-666.	0.8	51
164	Current knowledge on playing football in hot environments. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, 161-167.	1.3	51
165	Mechanisms of stress-induced cellular HSP72 release: implications for exercise-induced increases in extracellular HSP72. Exercise Immunology Review, 2005, 11, 46-52.	0.4	51
166	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
167	Effect of Glycerol-Induced Hyperhydration on Thermoregulation and Metabolism during Exercise in the Heat. International Journal of Sport Nutrition and Exercise Metabolism, 2001, 11, 315-333.	1.0	49
168	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
169	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
170	Is Interleukin-6 Receptor Blockade the Holy Grail for Inflammatory Diseases?. Clinical Pharmacology and Therapeutics, 2010, 87, 396-398.	2.3	49
171	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
172	The 2009 Stock Conference Report: Inflammation, Obesity and Metabolic Disease. Obesity Reviews, 2010, 11, 635-644.	3.1	48
173	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
174	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
175	Effect of CHO ingestion on exercise metabolism and performance in different ambient temperatures. Medicine and Science in Sports and Exercise, 1996, 28, 1380-1387.	0.2	47
176	Does muscle function and metabolism affect exercise performance in the heat?. Exercise and Sport Sciences Reviews, 2000, 28, 171-6.	1.6	47
177	Effects of ovarian hormones on exercise metabolism. Current Opinion in Clinical Nutrition and Metabolic Care, 2001, 4, 515-520.	1.3	45
178	The role of gp130 receptor cytokines in the regulation of metabolic homeostasis. Journal of Experimental Biology, 2016, 219, 259-265.	0.8	45
179	Effect of altering substrate availability on metabolism and performance during intense exercise. British Journal of Nutrition, 2000, 84, 829-838.	1.2	44
180	Effect of adrenergic blockade on lymphocyte cytokine production at rest and during exercise. American Journal of Physiology - Cell Physiology, 2001, 281, C1233-C1240.	2.1	43

#	Article	IF	Citations
181	Hormone-sensitive lipase is reduced in the adipose tissue of patients with type 2 diabetes mellitus: influence of IL-6 infusion. Diabetologia, 2005, 48, 105-112.	2.9	43
182	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
183	Exercise improves adipose function and inflammation and ameliorates fatty liver disease in obese diabetic mice. Obesity, 2015, 23, 1845-1855.	1.5	43
184	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
185	High-density lipoprotein delivered after myocardial infarction increases cardiac glucose uptake and function in mice. Science Translational Medicine, 2017, 9, .	5.8	43
186	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
187	IL-6 activates HSP72 gene expression in human skeletal muscle. Biochemical and Biophysical Research Communications, 2002, 296, 1264-1266.	1.0	40
188	Cytokine Regulation of AMPK signalling. Frontiers in Bioscience - Landmark, 2009, Volume, 1902.	3.0	40
189	Discordant gene expression in skeletal muscle and adipose tissue of patients with type 2 diabetes: effect of interleukin-6 infusion. Diabetologia, 2006, 49, 1000-1007.	2.9	39
190	Effect of carbohydrate ingestion on ammonia metabolism during exercise in humans. Journal of Applied Physiology, 2000, 88, 1576-1580.	1.2	38
191	Hepatic lactate uptake versus leg lactate output during exercise in humans. Journal of Applied Physiology, 2007, 103, 1227-1233.	1.2	38
192	Come on BAIBA Light My Fire. Cell Metabolism, 2014, 19, 1-2.	7.2	38
193	Ionomycin, but not physiologic doses of epinephrine, stimulates skeletal muscle Interleukin-6 mRNA expression and protein release. Metabolism: Clinical and Experimental, 2004, 53, 1492-1495.	1.5	37
194	IL6 as a mediator of insulin resistance: fat or fiction?. Diabetologia, 2010, 53, 399-402.	2.9	37
195	Glucose production during strenuous exercise in humans: role of epinephrine. American Journal of Physiology - Endocrinology and Metabolism, 1999, 276, E1130-E1135.	1.8	36
196	Effect of Active versus Passive Recovery on Metabolism and Performance during Subsequent Exercise. International Journal of Sport Nutrition and Exercise Metabolism, 2004, 14, 185-196.	1.0	36
197	Effect of creatine supplementation on metabolism and performance in humans during intermittent sprint cycling. European Journal of Applied Physiology, 2001, 84, 238-243.	1.2	35
198	Pre-exercise carbohydrate ingestion. Medicine and Science in Sports and Exercise, 1998, 30, 844-849.	0.2	34

#	Article	IF	Citations
199	Muscle adenine nucleotide metabolism during and in recovery from maximal exercise in humans. Journal of Applied Physiology, 2000, 88, 1513-1519.	1.2	33
200	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
201	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
202	Does the aging skeletal muscle maintain its endocrine function?. Exercise Immunology Review, 2004, 10, 42-55.	0.4	33
203	Evidence against a role for NLRP3-driven islet inflammation in db/db mice. Molecular Metabolism, 2018, 10, 66-73.	3.0	32
204	CNTF: a target therapeutic for obesity-related metabolic disease?. Journal of Molecular Medicine, 2008, 86, 353-361.	1.7	31
205	The Protective Effect of Exercise in Neurodegenerative Diseases: The Potential Role of Extracellular Vesicles. Cells, 2020, 9, 2182.	1.8	31
206	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
207	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
208	Effect of carbohydrate ingestion on glucose kinetics during exercise in the heat. Journal of Applied Physiology, 2001, 90, 601-605.	1.2	28
209	Suppressing lipolysis increases interleukin-6 at rest and during prolonged moderate-intensity exercise in humans. Journal of Applied Physiology, 2004, 97, 689-696.	1.2	28
210	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
211	Current and Future Treatments in the Fight against Non-Alcoholic Fatty Liver Disease. Cancers, 2020, 12, 1714.	1.7	28
212	Effect of acute plasma volume expansion on thermoregulation and exercise performance in the heat. Medicine and Science in Sports and Exercise, 2000, 32, 958-962.	0.2	27
213	Targeting gp130 to prevent inflammation and promote insulin action. Diabetes, Obesity and Metabolism, 2013, 15, 170-175.	2.2	26
214	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
215	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
216	Metabolic control and sex: A focus on inflammatoryâ€linked mediators. British Journal of Pharmacology, 2019, 176, 4193-4207.	2.7	25

#	Article	IF	Citations
217	The PI3K pathway preserves metabolic health through MARCO-dependent lipid uptake by adipose tissue macrophages. Nature Metabolism, 2020, 2, 1427-1442.	5.1	24
218	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
219	Effect of temperature on muscle metabolism during submaximal exercise in humans. Experimental Physiology, 1999, 84, 775-84.	0.9	24
220	Recombinant human interleukin-6 infusion during low-intensity exercise does not enhance whole body lipolysis or fat oxidation in humans. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E2-E7.	1.8	23
221	Glucose ingestion blunts hormone-sensitive lipase activity in contracting human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E144-E150.	1.8	22
222	Increased liver AGEs induce hepatic injury mediated through an OST48 pathway. Scientific Reports, 2017, 7, 12292.	1.6	22
223	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
224	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
225	Interleukin-6 gene expression is increased in insulin-resistant rat skeletal muscle following insulin stimulation. Biochemical and Biophysical Research Communications, 2003, 302, 837-840.	1.0	20
226	Glucose-6-phosphate dehydrogenase contributes to the regulation of glucose uptake in skeletal muscle. Molecular Metabolism, 2016, 5, 1083-1091.	3.0	19
227	Who would have thought â€" myokines two decades on. Nature Reviews Endocrinology, 2020, 16, 619-620.	4.3	19
228	IL-6 Muscles In on the Gut and Pancreas to Enhance Insulin Secretion. Cell Metabolism, 2012, 15, 8-9.	7.2	18
229	Scriptaid enhances skeletal muscle insulin action and cardiac function in obese mice. Diabetes, Obesity and Metabolism, 2017, 19, 936-943.	2.2	18
230	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
231	Relieving ER stress to target NASH-driven hepatocellular carcinoma. Nature Reviews Endocrinology, 2019, 15, 73-74.	4.3	18
232	Yap regulates skeletal muscle fatty acid oxidation and adiposity in metabolic disease. Nature Communications, 2021, 12, 2887.	5.8	18
233	Circulating Ceramides- Are Origins Important for Sphingolipid Biomarkers and Treatments?. Frontiers in Endocrinology, 2021, 12, 684448.	1.5	18
234	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

#	Article	IF	Citations
235	Effect of Temperature on Muscle Metabolism During Submaximal Exercise in Humans. , 1999, 84, 775.		17
236	Redefining Tissue Crosstalk via Shotgun Proteomic Analyses of Plasma Extracellular Vesicles. Proteomics, 2019, 19, e1800154.	1.3	16
237	Immune-based therapies in cardiovascular and metabolic diseases: past, present and future. Nature Reviews Immunology, 2021, 21, 669-679.	10.6	16
238	Heat stress increases ammonia accumulation during exercise in humans. Experimental Physiology, 1993, 78, 847-850.	0.9	15
239	Adiponectin sphings into action. Nature Medicine, 2011, 17, 37-38.	15.2	15
240	Overcoming Insulin Resistance with Ciliary Neurotrophic Factor. Handbook of Experimental Pharmacology, 2011, , 179-199.	0.9	15
241	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
242	Plasma glucose kinetics during prolonged exercise in trained humans when fed carbohydrate. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E573-E577.	1.8	14
243	Regulation of glucose kinetics during intense exercise in humans: effects of Î±- and Î²-adrenergic blockade. Metabolism: Clinical and Experimental, 2003, 52, 1615-1620.	1.5	13
244	Central blockade of nitric oxide synthesis induces hyperthermia that is prevented by indomethacin in rats. Journal of Thermal Biology, 2004, 29, 401-405.	1.1	13
245	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
246	Adiponectin serenades ceramidase to improve metabolism. Molecular Metabolism, 2017, 6, 233-235.	3.0	13
247	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
248	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
249	Signaling pathways for IL-6 within skeletal muscle. Exercise Immunology Review, 2003, 9, 34-9.	0.4	12
250	Exercise and the immune system: implications for elite athletes and the general population. Immunology and Cell Biology, 2016, 94, 115-116.	1.0	11
251	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
252	Muscle IMP accumulation during fatiguing submaximal exercise in endurance trained and untrained men. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R295-R300.	0.9	10

#	Article	IF	Citations
253	Skeletal muscle: not simply an organ for locomotion and energy storage. Journal of Physiology, 2009, 587, 509-510.	1.3	10
254	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
255	Intravascular Follistatin gene delivery improves glycemic control in a mouse model of type 2 diabetes. FASEB Journal, 2020, 34, 5697-5714.	0.2	10
256	Exercise and interleukin-6 action. Expert Review of Endocrinology and Metabolism, 2006, 1, 319-321.	1.2	9
257	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
258	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
259	Adiponectin Sparks an Interest in Calcium. Cell Metabolism, 2010, 11, 447-449.	7.2	8
260	Differential response to resistance training in CHF according to ACE genotype. International Journal of Cardiology, 2011, 149, 330-334.	0.8	8
261	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
262	Tumor Progression Locus 2 (Tpl2) Deficiency Does Not Protect against Obesity-Induced Metabolic Disease. PLoS ONE, 2012, 7, e39100.	1.1	7
263	EFFECT OF AMBIENT TEMPERATURE ON METABOLIC INDICES OF FATIGUE DURING PROLONGED EXERCISE 1071. Medicine and Science in Sports and Exercise, 1996, 28, 180.	0.2	7
264	Acute plasma volume expansion: effect on metabolism during submaximal exercise. Journal of Applied Physiology, 1999, 87, 1202-1206.	1.2	6
265	It's what you do with the fat that matters!. Nature Medicine, 2007, 13, 1137-1138.	15.2	6
266	Treatment of diabetes mellitus: new tricks by an old player. Nature Reviews Endocrinology, 2010, 6, 482-483.	4.3	6
267	IL-6 family cytokines as potential therapeutic strategies to treat metabolic diseases. Cytokine, 2021, 144, 155549.	1.4	6
268	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
269	No effect of mild heat stress on the regulation of carbohydrate metabolism at the onset of exercise. Journal of Applied Physiology, 2001, 91, 2282-2288.	1.2	5
270	The Cellular Origin of Plasma Cytokine Expression After Acute Exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R1253-R1257.	0.9	5

#	Article	IF	Citations
271	HSP and Diabetes. Heat Shock Proteins, 2010, , 3-18.	0.2	5
272	IÎºB kinase Î² (IKKÎ²) does not mediate feedback inhibition of the insulin signalling cascade. Biochemical Journal, 2012, 442, 723-732.	1.7	5
273	IL-1Î² delivers a sweet deal. Nature Immunology, 2017, 18, 247-248.	7.0	4
274	Exercise as medicine for survivors of paediatric cancer. Nature Reviews Endocrinology, 2018, 14, 506-508.	4.3	4
275	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
276	Mechanisms of Stress-Induced Cellular Hsp72 Release. , 2007, , 31-37.		3
277	Can microbes increase exercise performance in athletes?. Nature Reviews Endocrinology, 2019, 15, 629-630.	4.3	2
278	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
279	EFFECT OF ACUTE PLASMA VOLUME EXPANSION ON EXERCISE PERFORMANCE IN THE HEAT. Medicine and Science in Sports and Exercise, 1999, 31, S299.	0.2	2
280	Exercise at Climatic Extremes. , 0, , 497-509.		1
281	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
282	GLUCOSE KINETICS DURING PROLONGED EXERCISE TO FATIGUE WITH CARBOHYDRATE INGESTION. Medicine and Science in Sports and Exercise, 1999, 31, S127.	0.2	1
283	Last Word on Point:Counterpoint â€œInterleukin-6 does/does not have a beneficial role in insulin sensitivity and glucose homoestasisâ€. Journal of Applied Physiology, 2007, 102, 825-825.	1.2	0
284	Vale Pernille HÃ¸jman (1977â€"2019). Cell Metabolism, 2019, 29, 1235.	7.2	0
285	Interleukin-6 Is A Novel Factor Mediating Hepatic Glucose Production During Exercise. Medicine and Science in Sports and Exercise, 2004, 36, S177.	0.2	0
286	THERMOREGULATORY, METABOLIC AND CARDIOVASCULAR RESPONSES DURING EXERCISE AND HEAT STRESS: EFFECT OF GLYCEROL INDUCED HYPERHYDRATION. Medicine and Science in Sports and Exercise, 1999, 31, S200.	0.2	0
287	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
288	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

#	Article	IF	Citations
289	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
290	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