Clay F Semenkovich

List of Publications by Year
in descending order

169	29,721	21215 62	7427 157
papers	citations	h-index	g-index

178	178	178	47405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	FASN-dependent de novo lipogenesis is required for brain development. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
2	Suppressing fatty acid synthase by type I interferon and chemical inhibitors as a broad spectrum anti-viral strategy against SARS-CoV-2. Acta Pharmaceutica Sinica B, 2022, 12, 1624-1635.	5.7	12
3	Parent-of-origin effects propagate through networks to shape metabolic traits. ELife, 2022, 11, .	2.8	6
4	Genetic, epigenetic, and environmental mechanisms govern allele-specific gene expression. Genome Research, 2022, 32, 1042-1057.	2.4	6
5	Canagliflozin impedes ischemic hind-limb recovery in the setting of diabetes. Vascular Medicine, 2021, 26, 131-138.	0.8	4
6	CEPT1-Mediated Phospholipogenesis Regulates Endothelial Cell Function and Ischemia-Induced Angiogenesis Through PPARÎ±. Diabetes, 2021, 70, 549-561.	0.3	11
7	Endothelial ether lipids link the vasculature to blood pressure, behavior, and neurodegeneration. Journal of Lipid Research, 2021, 62, 100079.	2.0	5
8	N-Acetyl-Cysteine Treatment after Lower Extremity Amputation Improves Areas of Perfusion Defect and Wound Healing Outcomes. Journal of Vascular Surgery, 2021, 73, 39-40.	0.6	0
9	Functional and epigenetic phenotypes of humans and mice with DNMT3A Overgrowth Syndrome. Nature Communications, 2021, 12, 4549.	5.8	21
10	Comprehensive Assessment of Current Management Strategies for Patients With Diabetes and Chronic Limb-Threatening Ischemia. Clinical Diabetes, 2021, 39, cd210019.	1.2	2
11	Fatty Acid Synthase and Apolipoprotein B Differentially Colocalize in Lower Extremity Arterial Segments in Patients With and Without Diabetes. Journal of Vascular Surgery, 2021, 74, e184.	0.6	0
12	Prevalence of elevated serum fatty acid synthase in chronic limb-threatening ischemia. Scientific Reports, 2021, 11, 19272.	1.6	2
13	Glucose-mediated de novo lipogenesis in photoreceptors drives early diabetic retinopathy. Journal of Biological Chemistry, 2021, 297, 101104.	1.6	5
14	Fenofibrate Reduces the Severity of Neuroretinopathy in a Type 2 Model of Diabetes without Inducing Peroxisome Proliferator-Activated Receptor Alpha-Dependent Retinal Gene Expression. Journal of Clinical Medicine, 2021, 10, 126.	1.0	12
15	Association of Retinopathy and Insulin Resistance: NHANES 2005-2008. Current Eye Research, 2020, 45, 173-176.	0.7	10
16	Satellite glial cells promote regenerative growth in sensory neurons. Nature Communications, 2020, 11, 4891.	5.8	129
17	Circulating Fatty Acid Synthase and Diabetes Are Independently Associated With Chronic Limb-Threatening Ischemia. Journal of Vascular Surgery, 2020, 72, e137-e138.	0.6	0
18	FASN-Dependent Lipid Metabolism Links Neurogenic Stem/Progenitor Cell Activity to Learning and Memory Deficits. Cell Stem Cell, 2020, 27, 98-109.e11.	5.2	62

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19	Endothelial Palmitoylation Cycling Coordinates Vessel Remodeling in Peripheral Artery Disease. Circulation Research, 2020, 127, 249-265.	2.0	26
20	Light deprivation reduces the severity of experimental diabetic retinopathy. Neurobiology of Disease, 2020, 137, 104754.	2.1	10
21	Hepatic lipids promote liver metastasis. JCI Insight, 2020, 5, .	2.3	24
22	Low dose chloroquine decreases insulin resistance in human metabolic syndrome but does not reduce carotid intima-media thickness. Diabetology and Metabolic Syndrome, 2019, 11, 61.	1.2	15
23	Effects of microbiota-directed foods in gnotobiotic animals and undernourished children. Science, 2019, 365, .	6.0	305
24	Measurement of Energy Metabolism in Explanted Retinal Tissue Using Extracellular Flux Analysis. Journal of Visualized Experiments, 2019, , .	0.2	7
25	Circulating serum fatty acid synthase is elevated in patients with diabetes and carotid artery stenosis and is LDL-associated. Atherosclerosis, 2019, 287, 38-45.	0.4	15
26	CNS myelination and remyelination depend on fatty acid synthesis by oligodendrocytes. ELife, 2019, 8, .	2.8	87
27	De novo fatty acid synthesis by Schwann cells is essential for peripheral nervous system myelination. Journal of Cell Biology, 2018, 217, 1353-1368.	2.3	47
28	Diabetes adversely affects phospholipid profiles in human carotid artery endarterectomy plaques. Journal of Lipid Research, 2018, 59, 730-738.	2.0	13
29	Circulating Fatty Acid Synthase Is a Novel Biomarker of Disease Severity in Patients with Peripheral Arterial Disease and Diabetes. Journal of the American College of Surgeons, 2018, 227, S285-S286.	0.2	0
30	Fenofibrate Can Rescue Hindlimb Ischemia in the Setting of Diabetes and Impaired Phospholipogenesis. Journal of the American College of Surgeons, 2018, 227, S288.	0.2	0
31	Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. Cell Metabolism, 2018, 28, 866-880.e15.	7.2	154
32	Retinal de novo lipogenesis coordinates neurotrophic signaling to maintain vision. JCI Insight, 2018, 3, .	2.3	18
33	Nâ€acetylcysteine accelerates amputation stump healing in the setting of diabetes. FASEB Journal, 2017, 31, 2686-2695.	0.2	21
34	We Know More Than We Can Tell About Diabetes and Vascular Disease: The 2016 Edwin Bierman Award Lecture. Diabetes, 2017, 66, 1735-1741.	0.3	13
35	PexRAP Inhibits PRDM16-Mediated Thermogenic Gene Expression. Cell Reports, 2017, 20, 2766-2774.	2.9	32
36	Targeting Cellular Calcium Homeostasis to Prevent Cytokine-Mediated Beta Cell Death. Scientific Reports, 2017, 7, 5611.	1.6	28

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37	Adipocyte lipid synthesis coupled to neuronal control of thermogenic programming. Molecular Metabolism, 2017, 6, 781-796.	3.0	52
38	Disorders of Lipid Metabolism. , 2016, , 1660-1700.		7
39	The Fatty Acid Synthase Inhibitor Platensimycin Improves Insulin Resistance without Inducing Liver Steatosis in Mice and Monkeys. PLoS ONE, 2016, 11, e0164133.	1.1	18
40	Fatty acid synthesis configures the plasma membrane for inflammation in diabetes. Nature, 2016, 539, 294-298.	13.7	213
41	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
42	Inactivation of fatty acid synthase impairs hepatocarcinogenesis driven by AKT in mice and humans. Journal of Hepatology, 2016, 64, 333-341.	1.8	115
43	Insulin Resistance and a Long, Strange Trip. New England Journal of Medicine, 2016, 374, 1378-1379.	13.9	19
44	Functional Deficits Precede Structural Lesions in Mice With High-Fat Dietâ€“Induced Diabetic Retinopathy. Diabetes, 2016, 65, 1072-1084.	0.3	71
45	Skeletal Muscle Phospholipid Metabolism Regulates Insulin Sensitivity and Contractile Function. Diabetes, 2016, 65, 358-370.	0.3	92
46	Diabetes Update 2016: What Bartleby the Scrivener Can Teach Us About Diabetes Care. Missouri Medicine, 2016, 113, 359-360.	0.3	0
47	Acute Ether Lipid Deficiency Affects Neutrophil Biology in Mice. Cell Metabolism, 2015, 21, 652-653.	7.2	5
48	Peroxisomal Lipid Synthesis Regulates Inflammation by Sustaining Neutrophil Membrane Phospholipid Composition and Viability. Cell Metabolism, 2015, 21, 51-64.	7.2	76
49	ASXL2 Regulates Glucose, Lipid, and Skeletal Homeostasis. Cell Reports, 2015, 11, 1625-1637.	2.9	55
50	A calcium-dependent protease as a potential therapeutic target for Wolfram syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5292-301.	3.3	128
51	Peroxisome Proliferator Activated Receptor-Î´. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 5-7.	1.1	1
52	Insulin-Regulated Protein Palmitoylation Impacts Endothelial Cell Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 346-354.	1.1	65
53	Peroxisomes: A Nexus for Lipid Metabolism and Cellular Signaling. Cell Metabolism, 2014, 19, 380-392.	7.2	407
54	Structural Distinction of Diacyl-, Alkylacyl, and Alk-1-Enylacyl Glycerophosphocholines as [M â€“ 15]^{â€“} Ions by Multiple-Stage Linear Ion-Trap Mass Spectrometry with Electrospray Ionization. Journal of the American Society for Mass Spectrometry, 2014, 25, 1412-1420.	1.2	25

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55	The effect of dietary fat intake on hepatic gene expression in LG/J AND SM/J mice. BMC Genomics, 2014, 15, 99.	1.2	25
56	Interleukins and Atherosclerosis: A Dysfunctional Family Grows. Cell Metabolism, 2013, 18, 614-616.	7.2	12
57	Gut Microbiota from Twins Discordant for Obesity Modulate Metabolism in Mice. Science, 2013, 341, 1241214.	6.0	3,006
58	Metabolic control of adult neural stem cell activity by Fasn-dependent lipogenesis. Nature, 2013, 493, 226-230.	13.7	448
59	Nutrient-dependent phosphorylation channels lipid synthesis to regulate PPARÎ±. Journal of Lipid Research, 2013, 54, 1848-1859.	2.0	25
60	Muscle lipogenesis balances insulin sensitivity and strength through calcium signaling. Journal of Clinical Investigation, 2013, 123, 1229-1240.	3.9	124
61	Quantitative Trait Loci Affecting Liver Fat Content in Mice. G3: Genes, Genomes, Genetics, 2012, 2, 1019-1025.	0.8	5
62	Inhibiting Adipose Tissue Lipogenesis Reprograms Thermogenesis and PPARÎ³ Activation to Decrease Diet-Induced Obesity. Cell Metabolism, 2012, 16, 189-201.	7.2	205
63	The Mitochondrial Proteins NLRX1 and TUFM Form a Complex that Regulates Type I Interferon and Autophagy. Immunity, 2012, 36, 933-946.	6.6	241
64	Fatty acid synthase and liver triglyceride metabolism: Housekeeper or messenger?. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 747-753.	1.2	278
65	Fatty Acid Synthase Modulates Intestinal Barrier Function through Palmitoylation of Mucin 2. Cell Host and Microbe, 2012, 11, 140-152.	5.1	139
66	Autophagy Links Inflammasomes to Atherosclerotic Progression. Cell Metabolism, 2012, 15, 534-544.	7.2	509
67	Disorders of Lipid Metabolism. , 2012, , 1346-1354.		2
68	Lipoexpediency: de novo lipogenesis as a metabolic signal transmitter. Trends in Endocrinology and Metabolism, 2011, 22, 1-8.	3.1	112
69	Dietâ€Ðependent Genetic and Genomic Imprinting Effects on Obesity in Mice. Obesity, 2011, 19, 160-170.	1.5	49
70	The importance of context to the genetic architecture of diabetes-related traits is revealed in a genome-wide scan of a LG/JÂÃ—ÂSM/J murine model. Mammalian Genome, 2011, 22, 197-208.	1.0	38
71	Skeletal muscle lipid flux: running water carries no poison. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E245-E251.	1.8	24
72	De Novo Lipogenesis Maintains Vascular Homeostasis through Endothelial Nitric-oxide Synthase (eNOS) Palmitoylation*. Journal of Biological Chemistry, 2011, 286, 2933-2945.	1.6	105

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73	Fatty Acid Synthase Modulates Homeostatic Responses to Myocardial Stress. Journal of Biological Chemistry, 2011, 286, 30949-30961.	1.6	55
74	Genetic Effects at Pleiotropic Loci Are Context-Dependent with Consequences for the Maintenance of Genetic Variation in Populations. PLoS Genetics, 2011, 7, e1002256.	1.5	47
75	Disorders of Lipid Metabolism. , 2011, , 1633-1674.		5
76	Common sense treatment for common lipid disorders. Missouri Medicine, 2011, 108, 107-12.	0.3	0
77	Endocrinology in 2011: new options for intractable problems. Missouri Medicine, 2011, 108, 90-1.	0.3	0
78	p53 is required for chloroquine-induced atheroprotection but not insulin sensitization. Journal of Lipid Research, 2010, 51, 1738-1746.	2.0	30
79	Macrophage Fatty-acid Synthase Deficiency Decreases Diet-induced Atherosclerosis. Journal of Biological Chemistry, 2010, 285, 23398-23409.	1.6	57
80	Mice deficient in Group VIB phospholipase A₂(iPLA₂Î³) exhibit relative resistance to obesity and metabolic abnormalities induced by a Western diet. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E1097-E1114.	1.8	50
81	Deletion of Tis7 Protects Mice from High-Fat Diet-Induced Weight Gain and Blunts the Intestinal Adaptive Response Postresection. Journal of Nutrition, 2010, 140, 1907-1914.	1.3	17
82	Genetic, epigenetic, and gene-by-diet interaction effects underlie variation in serum lipids in a LG/JÃ—SM/J murine model. Journal of Lipid Research, 2010, 51, 2976-2984.	2.0	32
83	Calpain-10 is a component of the obesity-related quantitative trait locus Adip1. Journal of Lipid Research, 2010, 51, 907-913.	2.0	16
84	Calpain-10 is a component of the obesity-related quantitative trait locus Adip1. Journal of Lipid Research, 2010, 51, 907-913.	2.0	26
85	Inactivation of hypothalamic FAS protects mice from diet-induced obesity and inflammation. Journal of Lipid Research, 2009, 50, 630-640.	2.0	41
86	Getting away from glucose: stop sugarcoating diabetes. Nature Medicine, 2009, 15, 372-373.	15.2	7
87	Identification of a Physiologically Relevant Endogenous Ligand for PPARÎ± in Liver. Cell, 2009, 138, 476-488.	13.5	589
88	Why We Should Put Clothes on Mice. Cell Metabolism, 2009, 9, 111-112.	7.2	80
89	Altered hepatic triglyceride content after partial hepatectomy without impaired liver regeneration in multiple murine genetic models. Hepatology, 2008, 48, 1097-1105.	3.6	101
90	Insulin Resistance and Atherosclerosis. Endocrinology and Metabolism Clinics of North America, 2008, 37, 603-621.	1.2	82

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91	Decreased Fetal Size Is Associated With Â-Cell Hyperfunction in Early Life and Failure With Age. Diabetes, 2008, 57, 2698-2707.	0.3	25
92	Requirement for p38 Mitogen-Activated Protein Kinase Activity in Neointima Formation After Vascular Injury. Circulation, 2008, 118, 658-666.	1.6	29
93	Niemann-Pick C1 protects against atherosclerosis in mice via regulation of macrophage intracellular cholesterol trafficking. Journal of Clinical Investigation, 2008, 118, 2281-90.	3.9	89
94	Mechanisms underlying the resistance to diet-induced obesity in germ-free mice. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 979-984.	3.3	2,197
95	Lysosomal Dysfunction Results in Altered Energy Balance. Journal of Biological Chemistry, 2007, 282, 35765-35771.	1.6	65
96	Absence of Peroxisome Proliferator-Activated Receptor-Î± Abolishes Hypertension and Attenuates Atherosclerosis in the Tsukuba Hypertensive Mouse. Hypertension, 2007, 50, 945-951.	1.3	34
97	Attenuated Free Cholesterol Loading-induced Apoptosis but Preserved Phospholipid Composition of Peritoneal Macrophages from Mice That Do Not Express Group VIA Phospholipase A2. Journal of Biological Chemistry, 2007, 282, 27100-27114.	1.6	50
98	Grb2 Is Required for Atherosclerotic Lesion Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1361-1367.	1.1	23
99	Macrophage Î²3 Integrin Suppresses Hyperlipidemia-Induced Inflammation by Modulating TNFÎ± Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2699-2706.	1.1	28
100	Macrophage Expression of Peroxisome Proliferatorâ€“Activated Receptor-Î± Reduces Atherosclerosis in Low-Density Lipoprotein Receptorâ€“Deficient Mice. Circulation, 2007, 116, 1404-1412.	1.6	74
101	Retention of Low-Density Lipoprotein in Atherosclerotic Lesions of the Mouse. Circulation Research, 2007, 101, 777-783.	2.0	80
102	Bone Weighs in on Obesity. Cell, 2007, 130, 409-411.	13.5	13
103	An Afferent Vagal Nerve Pathway Links Hepatic PPARÎ± Activation to Glucocorticoid-Induced Insulin Resistance and Hypertension. Cell Metabolism, 2007, 5, 91-102.	7.2	90
104	Respiratory Uncoupling in Skeletal Muscle Delays Death and Diminishes Age-Related Disease. Cell Metabolism, 2007, 6, 497-505.	7.2	96
105	The ABCs of Î²-cell dysfunction in type 2 diabetes. Nature Medicine, 2007, 13, 241-242.	15.2	12
106	Brain fatty acid synthase activates PPARÎ± to maintain energy homeostasis. Journal of Clinical Investigation, 2007, 117, 2539-2552.	3.9	183
107	ATM-dependent suppression of stress signaling reduces vascular disease in metabolic syndrome. Cell Metabolism, 2006, 4, 377-389.	7.2	222
108	Fast predators or fast food, the fit still survive. Nature Medicine, 2006, 12, 46-47.	15.2	12

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109	PPARÎ± activation elevates blood pressure and does not correct glucocorticoid-induced insulin resistance in humans. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E1365-E1371.	1.8	33
110	Insulin resistance and atherosclerosis. Journal of Clinical Investigation, 2006, 116, 1813-1822.	3.9	350
111	TZDs and diabetes: testing the waters. Nature Medicine, 2005, 11, 822-824.	15.2	16
112	Vascular respiratory uncoupling increases blood pressure and atherosclerosis. Nature, 2005, 435, 502-506.	13.7	178
113	Targeted Intestinal Overexpression of the Immediate Early Gene tis7 in Transgenic Mice Increases Triglyceride Absorption and Adiposity. Journal of Biological Chemistry, 2005, 280, 34764-34775.	1.6	24
114	Pancreatic Î²-Cell Lipoprotein Lipase Independently Regulates Islet Glucose Metabolism and Normal Insulin Secretion. Journal of Biological Chemistry, 2005, 280, 9023-9029.	1.6	49
115	Fine-Mapping Gene-by-Diet Interactions on Chromosome 13 in a LG/J x SM/J Murine Model of Obesity. Diabetes, 2005, 54, 1863-1872.	0.3	49
116	Maternal genotype affects adult offspring lipid, obesity, and diabetes phenotypes in LGXSM recombinant inbred strains. Journal of Lipid Research, 2005, 46, 1692-1702.	2.0	27
117	Alterations in thigh subcutaneous adipose tissue gene expression in protease inhibitor-based highly active antiretroviral therapy. Metabolism: Clinical and Experimental, 2005, 54, 561-567.	1.5	32
118	A potential link between muscle peroxisome proliferator- activated receptor-Î± signaling and obesity-related diabetes. Cell Metabolism, 2005, 1, 133-144.	7.2	241
119	â€œNewâ€•hepatic fat activates PPARÎ± to maintain glucose, lipid, and cholesterol homeostasis. Cell Metabolism, 2005, 1, 309-322.	7.2	462
120	PPARÎ±: Savior or savage?. Cell Metabolism, 2005, 2, 341-342.	7.2	3
121	PGC-1Î± Deficiency Causes Multi-System Energy Metabolic Derangements: Muscle Dysfunction, Abnormal Weight Control and Hepatic Steatosis. PLoS Biology, 2005, 3, e101.	2.6	817
122	Genetic Evidence for Discordance Between Obesity- and Diabetes-Related Traits in the LGXSM Recombinant Inbred Mouse Strains. Diabetes, 2004, 53, 2700-2708.	0.3	34
123	Thiazolidinedione Use, Fluid Retention, and Congestive Heart Failure: A consensus statement from the American Heart Association and American Diabetes Association. Diabetes Care, 2004, 27, 256-263.	4.3	561
124	UCP-mediated energy depletion in skeletal muscle increases glucose transport despite lipid accumulation and mitochondrial dysfunction. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E347-E353.	1.8	49
125	Fatty Acid Metabolism and Vascular Disease. Trends in Cardiovascular Medicine, 2004, 14, 72-76.	2.3	40
126	Quantitative Trait Loci for Obesity- and Diabetes-Related Traits and Their Dietary Responses to High-Fat Feeding in LGXSM Recombinant Inbred Mouse Strains. Diabetes, 2004, 53, 3328-3336.	0.3	79

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127	The gut microbiota as an environmental factor that regulates fat storage. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15718-15723.	3.3	5,131
128	Numerous transcriptional alterations in liver persist after short-term enzyme-replacement therapy in a murine model of mucopolysaccharidosis type VII. Biochemical Journal, 2004, 379, 461-469.	1.7	19
129	Dexamethasone induction of hypertension and diabetes is PPAR-Î± dependent in LDL receptorâ€“null mice. Nature Medicine, 2003, 9, 1069-1075.	15.2	187
130	Transgenic Mice Expressing Lipoprotein Lipase in Adipose Tissue. Journal of Biological Chemistry, 2003, 278, 32702-32709.	1.6	21
131	Amino Terminal 38.9% of Apolipoprotein B-100 Is Sufficient to Support Cholesterol-Rich Lipoprotein Production and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 668-674.	1.1	7
132	Î±2Î²1Integrin and Development of Atherosclerosis in a Mouse Model. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 2104-2109.	1.1	34
133	Thiazolidinedione Use, Fluid Retention, and Congestive Heart Failure. Circulation, 2003, 108, 2941-2948.	1.6	767
134	Skeletal muscle overexpression of nuclear respiratory factor 1 increases glucose transport capacity. FASEB Journal, 2003, 17, 1666-1673.	0.2	98
135	Â3 integrin deficiency promotes atherosclerosis and pulmonary inflammation in high-fat-fed, hyperlipidemic mice. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6730-6735.	3.3	76
136	Visceral adiposity, C-peptide levels, and low lipase activities predict HIV-dyslipidemia. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E899-E905.	1.8	23
137	Osteopontin Transcription in Aortic Vascular Smooth Muscle Cells Is Controlled by Glucose-regulated Upstream Stimulatory Factor and Activator Protein-1 Activities. Journal of Biological Chemistry, 2002, 277, 44485-44496.	1.6	109
138	Respiratory Uncoupling Lowers Blood Pressure Through a Leptin-Dependent Mechanism in Genetically Obese Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 961-968.	1.1	73
139	PPARÎ± suppresses insulin secretion and induces UCP2 in insulinoma cells. Journal of Lipid Research, 2002, 43, 936-943.	2.0	75
140	PPARalpha suppresses insulin secretion and induces UCP2 in insulinoma cells. Journal of Lipid Research, 2002, 43, 936-43.	2.0	58
141	The Pancreatic Î² Cell Heats Up. Cell, 2001, 105, 705-707.	13.5	30
142	Chronic activation of AMP kinase results in NRF-1 activation and mitochondrial biogenesis. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E1340-E1346.	1.8	449
143	Glucose and Insulin Stimulate Heparin-releasable Lipoprotein Lipase Activity in Mouse Islets and INS-1 Cells. Journal of Biological Chemistry, 2001, 276, 12162-12168.	1.6	47
144	Resistance exercise decreases skeletal muscle tumor necrosis factor Î± in frail elderly humans. FASEB Journal, 2001, 15, 475-482.	0.2	391

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145	PPARÎ± deficiency reduces insulin resistance and atherosclerosis in apoE-null mice. Journal of Clinical Investigation, 2001, 107, 1025-1034.	3.9	212
146	The role of osteoprogenitors in vascular calcification. Current Opinion in Nephrology and Hypertension, 2000, 9, 11-15.	1.0	42
147	Skeletal muscle respiratory uncoupling prevents diet-induced obesity and insulin resistance in mice. Nature Medicine, 2000, 6, 1115-1120.	15.2	280
148	Exercise induces lipoprotein lipase and GLUT-4 protein in muscle independent of adrenergic-receptor signaling. Journal of Applied Physiology, 2000, 89, 176-181.	1.2	80
149	Macrophage Lipoprotein Lipase Promotes Foam Cell Formation and Atherosclerosis in Low Density Lipoprotein Receptor-deficient Mice. Journal of Biological Chemistry, 2000, 275, 26293-26299.	1.6	136
150	Respiratory Uncoupling Induces Î´-Aminolevulinate Synthase Expression through a Nuclear Respiratory Factor-1-dependent Mechanism in HeLa Cells. Journal of Biological Chemistry, 1999, 274, 17534-17540.	1.6	69
151	Relative Hypoglycemia and Hyperinsulinemia in Mice with Heterozygous Lipoprotein Lipase (LPL) Deficiency. Journal of Biological Chemistry, 1999, 274, 27426-27432.	1.6	56
152	Macrophage lipoprotein lipase promotes foam cell formation and atherosclerosis in vivo. Journal of Clinical Investigation, 1999, 103, 1697-1705.	3.9	206
153	Diet-induced Diabetes Activates an Osteogenic Gene Regulatory Program in the Aortas of Low Density Lipoprotein Receptor-deficient Mice. Journal of Biological Chemistry, 1998, 273, 30427-30434.	1.6	233
154	Properties and purification of a glucose-inducible human fatty acid synthase mRNA-binding protein. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E577-E585.	1.8	2
155	Effects of heterozygous lipoprotein lipase deficiency on diet-induced atherosclerosis in mice. Journal of Lipid Research, 1998, 39, 1141-1151.	2.0	58
156	Genetics and molecular biology. Current Opinion in Lipidology, 1998, 9, 603-604.	1.2	0
157	Regulation of fatty acid synthase (FAS). Progress in Lipid Research, 1997, 36, 43-53.	5.3	214
158	Correction of Hypertriglyceridemia and Impaired Fat Tolerance in Lipoprotein Lipaseâ€“Deficient Mice by Adenovirus-Mediated Expression of Human Lipoprotein Lipase. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 2532-2539.	1.1	58
159	COOH-terminal Disruption of Lipoprotein Lipase in Mice Is Lethal in Homozygotes, but Heterozygotes Have Elevated Triglycerides and Impaired Enzyme Activity. Journal of Biological Chemistry, 1995, 270, 12518-12525.	1.6	105
160	Essential Amino Acids Regulate Fatty Acid Synthase Expression through an Uncharged Transfer RNA-dependent Mechanism. Journal of Biological Chemistry, 1995, 270, 29323-29329.	1.6	33
161	Increased low density lipoprotein receptor expression mediated through the insulin-like growth factor-I receptor in cultured fibroblasts. Molecular Endocrinology, 1994, 8, 904-909.	3.7	1
162	Short-term interruption of training affects both fasting and post-prandial lipoproteins. Atherosclerosis, 1992, 95, 181-189.	0.4	46

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163	Plasma Lipids in Patients With Type I Diabetes Mellitus. Archives of Internal Medicine, 1989, 149, 51.	4.3	17
164	Estrogens induce low-density lipoprotein receptor activity and decrease intracellular cholesterol in human hepatoma cell line Hep G2. Biochemistry, 1987, 26, 4987-4992.	1.2	72
165	The Low Density Lipoprotein Receptor on Human Peripheral Blood Monocytes and Lymphocytes: Visualization by Ligand Blotting and Immunoblotting Techniques*. Journal of Clinical Endocrinology and Metabolism, 1986, 62, 1279-1287.	1.8	14
166	Adverse effects due to morphine sulfate. Challenge to previous clinical doctrine. American Journal of Medicine, 1985, 79, 325-330.	0.6	20
167	Mutants of Volvox carteri affecting nitrogen assimilation. Molecular Genetics and Genomics, 1979, 169, 157-161.	2.4	19
168	FASN-Dependent Metabolism Links Neural Stem Cell Activity to Intellectual Disability. SSRN Electronic Journal, 0, , .	0.4	0
169	Altered Peroxisome Proliferator-Activated Receptor Alpha Signaling in Variably Diseased Peripheral Arterial Segments. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	1