Clay F Semenkovich

List of Publications by Year in Descending Order

154 papers	23,729 citations	58 h-index	154 g-index
178 ext. papers	27,126 ext. citations	12.1 avg, IF	6.44 L-index

#	Paper	IF	Citations
154	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,	11.5	2
153	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**,	15.5	2
152	Functional and epigenetic phenotypes of humans and mice with DNMT3A Overgrowth Syndrome. *Nature Communications*, **2021**, 12, 4549	17.4	2
151	Canagliflozin impedes ischemic hind-limb recovery in the setting of diabetes. *Vascular Medicine*, **2021**, 26, 131-138	3.3	2
150	CEPT1-Mediated Phospholipogenesis Regulates Endothelial Cell Function and Ischemia-Induced Angiogenesis Through PPAR*Diabetes*, **2021**, 70, 549-561	0.9	1
149	Endothelial ether lipids link the vasculature to blood pressure, behavior, and neurodegeneration. *Journal of Lipid Research*, **2021**, 62, 100079	6.3	1
148	Comprehensive Assessment of Current Management Strategies for Patients With Diabetes and Chronic Limb-Threatening Ischemia. *Clinical Diabetes*, **2021**, 39, 358-388	2.9	1
147	Prevalence of elevated serum fatty acid synthase in chronic limb-threatening ischemia. *Scientific Reports*, **2021**, 11, 19272	4.9	0
146	Glucose-mediated de novo lipogenesis in photoreceptors drives early diabetic retinopathy. *Journal of Biological Chemistry*, **2021**, 297, 101104	5.4	0
145	FASN-Dependent Lipid Metabolism Links Neurogenic Stem/Progenitor Cell Activity to Learning and Memory Deficits. *Cell Stem Cell*, **2020**, 27, 98-109.e11	18	30
144	Endothelial Palmitoylation Cycling Coordinates Vessel Remodeling in Peripheral Artery Disease. *Circulation Research*, **2020**, 127, 249-265	15.7	11
143	Light deprivation reduces the severity of experimental diabetic retinopathy. *Neurobiology of Disease*, **2020**, 137, 104754	7.5	8
142	Hepatic lipids promote liver metastasis. *JCI Insight*, **2020**, 5,	9.9	10
141	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*, **2020**, 10,	5.1	4
140	Satellite glial cells promote regenerative growth in sensory neurons. *Nature Communications*, **2020**, 11, 4891	17.4	44
139	Association of Retinopathy and Insulin Resistance: NHANES 2005-2008. *Current Eye Research*, **2020**, 45, 173-176	2.9	7
138	Measurement of Energy Metabolism in Explanted Retinal Tissue Using Extracellular Flux Analysis. *Journal of Visualized Experiments*, **2019**,	1.6	3

137	Circulating serum fatty acid synthase is elevated in patients with diabetes and carotid artery stenosis and is LDL-associated. *Atherosclerosis*, **2019**, 287, 38-45	3.1	7
136	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	5.6	12
135	Effects of microbiota-directed foods in gnotobiotic animals and undernourished children. *Science*, **2019**, 365,	33.3	160
134	CNS myelination and remyelination depend on fatty acid synthesis by oligodendrocytes. *ELife*, **2019**, 8,	8.9	41
133	De novo fatty acid synthesis by Schwann cells is essential for peripheral nervous system myelination. *Journal of Cell Biology*, **2018**, 217, 1353-1368	7.3	27
132	Diabetes adversely affects phospholipid profiles in human carotid artery endarterectomy plaques. *Journal of Lipid Research*, **2018**, 59, 730-738	6.3	5
131	Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. *Cell Metabolism*, **2018**, 28, 866-880.e15	24.6	83
130	Retinal de novo lipogenesis coordinates neurotrophic signaling to maintain vision. *JCI Insight*, **2018**, 3,	9.9	10
129	-Acetylcysteine accelerates amputation stump healing in the setting of diabetes. *FASEB Journal*, **2017**, 31, 2686-2695	0.9	11
128	We Know More Than We Can Tell About Diabetes and Vascular Disease: The 2016 Edwin Bierman Award Lecture. *Diabetes*, **2017**, 66, 1735-1741	0.9	12
127	PexRAP Inhibits PRDM16-Mediated Thermogenic Gene Expression. *Cell Reports*, **2017**, 20, 2766-2774	10.6	20
126	Targeting Cellular Calcium Homeostasis to Prevent Cytokine-Mediated Beta Cell Death. *Scientific Reports*, **2017**, 7, 5611	4.9	19
125	Adipocyte lipid synthesis coupled to neuronal control of thermogenic programming. *Molecular Metabolism*, **2017**, 6, 781-796	8.8	32
124	Fatty acid synthesis configures the plasma membrane for inflammation in diabetes. *Nature*, **2016**, 539, 294-298	50.4	160
123	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
122	Inactivation of fatty acid synthase impairs hepatocarcinogenesis driven by AKT in mice and humans. *Journal of Hepatology*, **2016**, 64, 333-341	13.4	85
121	Functional Deficits Precede Structural Lesions in Mice With High-Fat Diet-Induced Diabetic Retinopathy. *Diabetes*, **2016**, 65, 1072-84	0.9	57
120	Skeletal Muscle Phospholipid Metabolism Regulates Insulin Sensitivity and Contractile Function. *Diabetes*, **2016**, 65, 358-70	0.9	66

119	Diabetes Update 2016: What Bartleby the Scrivener Can Teach Us About Diabetes Care. *Missouri Medicine*, **2016**, 113, 359-360	0.8	
118	Disorders of Lipid Metabolism **2016**, 1660-1700		4
117	The Fatty Acid Synthase Inhibitor Platensimycin Improves Insulin Resistance without Inducing Liver Steatosis in Mice and Monkeys. *PLoS ONE*, **2016**, 11, e0164133	3.7	11
116	ASXL2 Regulates Glucose, Lipid, and Skeletal Homeostasis. *Cell Reports*, **2015**, 11, 1625-37	10.6	34
115	Acute ether lipid deficiency affects neutrophil biology in mice. *Cell Metabolism*, **2015**, 21, 652-3	24.6	2
114	Peroxisomal lipid synthesis regulates inflammation by sustaining neutrophil membrane phospholipid composition and viability. *Cell Metabolism*, **2015**, 21, 51-64	24.6	54
113	Peroxisomes: a nexus for lipid metabolism and cellular signaling. *Cell Metabolism*, **2014**, 19, 380-92	24.6	263
112	Structural distinction of diacyl-, alkylacyl, and alk-1-enylacyl glycerophosphocholines as [M - 15]? ions by multiple-stage linear ion-trap mass spectrometry with electrospray ionization. *Journal of the American Society for Mass Spectrometry*, **2014**, 25, 1412-20	3.5	21
111	The effect of dietary fat intake on hepatic gene expression in LG/J AND SM/J mice. *BMC Genomics*, **2014**, 15, 99	4.5	22
110	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	11.5	99
109	Insulin-regulated protein palmitoylation impacts endothelial cell function. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 346-54	9.4	47
108	Interleukins and atherosclerosis: a dysfunctional family grows. *Cell Metabolism*, **2013**, 18, 614-6	24.6	12
107	Gut microbiota from twins discordant for obesity modulate metabolism in mice. *Science*, **2013**, 341, 1241214	33.6	2251
106	Metabolic control of adult neural stem cell activity by Fasn-dependent lipogenesis. *Nature*, **2013**, 493, 226-30	50.4	320
105	Nutrient-dependent phosphorylation channels lipid synthesis to regulate PPAR *Journal of Lipid Research*, **2013**, 54, 1848-59	6.3	20
104	Muscle lipogenesis balances insulin sensitivity and strength through calcium signaling. *Journal of Clinical Investigation*, **2013**, 123, 1229-40	15.9	81
103	Inhibiting adipose tissue lipogenesis reprograms thermogenesis and PPAR activation to decrease diet-induced obesity. *Cell Metabolism*, **2012**, 16, 189-201	24.6	164
102	The mitochondrial proteins NLRX1 and TUFM form a complex that regulates type I interferon and autophagy. *Immunity*, **2012**, 36, 933-46	32.3	199

101	Fatty acid synthase and liver triglyceride metabolism: housekeeper or messenger?. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2012**, 1821, 747-53	5	185
100	Fatty acid synthase modulates intestinal barrier function through palmitoylation of mucin 2. *Cell Host and Microbe*, **2012**, 11, 140-52	23.4	103
99	Autophagy links inflammasomes to atherosclerotic progression. *Cell Metabolism*, **2012**, 15, 534-44	24.6	405
98	Disorders of Lipid Metabolism **2012**, 1346-1354		0
97	Quantitative trait loci affecting liver fat content in mice. *G3: Genes, Genomes, Genetics*, **2012**, 2, 1019-25	3.2	5
96	Lipoexpediency: de novo lipogenesis as a metabolic signal transmitter. *Trends in Endocrinology and Metabolism*, **2011**, 22, 1-8	8.8	92
95	Diet-dependent genetic and genomic imprinting effects on obesity in mice. *Obesity*, **2011**, 19, 160-70	8	38
94	The importance of context to the genetic architecture of diabetes-related traits is revealed in a genome-wide scan of a LG/J [illegible]SM/J murine model. *Mammalian Genome*, **2011**, 22, 197-208	3.2	26
93	Skeletal muscle lipid flux: running water carries no poison. *American Journal of Physiology - Endocrinology and Metabolism*, **2011**, 301, E245-51	6	19
92	De novo lipogenesis maintains vascular homeostasis through endothelial nitric-oxide synthase (eNOS) palmitoylation. *Journal of Biological Chemistry*, **2011**, 286, 2933-45	5.4	84
91	Fatty acid synthase modulates homeostatic responses to myocardial stress. *Journal of Biological Chemistry*, **2011**, 286, 30949-30961	5.4	49
90	Genetic effects at pleiotropic loci are context-dependent with consequences for the maintenance of genetic variation in populations. *PLoS Genetics*, **2011**, 7, e1002256	6	35
89	Common sense treatment for common lipid disorders. *Missouri Medicine*, **2011**, 108, 107-12	0.8	
88	Disorders of Lipid Metabolism **2011**, 1633-1674		
87	p53 is required for chloroquine-induced atheroprotection but not insulin sensitization. *Journal of Lipid Research*, **2010**, 51, 1738-46	6.3	23
86	Macrophage fatty-acid synthase deficiency decreases diet-induced atherosclerosis. *Journal of Biological Chemistry*, **2010**, 285, 23398-409	5.4	48
85	Mice deficient in group VIB phospholipase A2 (iPLA2gamma) exhibit relative resistance to obesity and metabolic abnormalities induced by a Western diet. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 298, E1097-114	6	34
84	Deletion of Tis7 protects mice from high-fat diet-induced weight gain and blunts the intestinal adaptive response postresection. *Journal of Nutrition*, **2010**, 140, 1907-14	4.1	11

83	Genetic, epigenetic, and gene-by-diet interaction effects underlie variation in serum lipids in a LG/JxSM/J murine model. *Journal of Lipid Research*, **2010**, 51, 2976-84	6.3	23
82	Calpain-10 is a component of the obesity-related quantitative trait locus Adip1. *Journal of Lipid Research*, **2010**, 51, 907-913	6.3	11
81	Calpain-10 is a component of the obesity-related quantitative trait locus Adip1. *Journal of Lipid Research*, **2010**, 51, 907-13	6.3	20
80	Inactivation of hypothalamic FAS protects mice from diet-induced obesity and inflammation. *Journal of Lipid Research*, **2009**, 50, 630-40	6.3	35
79	Getting away from glucose: stop sugarcoating diabetes. *Nature Medicine*, **2009**, 15, 372-3	50.5	7
78	Identification of a physiologically relevant endogenous ligand for PPARalpha in liver. *Cell*, **2009**, 138, 476-88	56.2	507
77	Why we should put clothes on mice. *Cell Metabolism*, **2009**, 9, 111-2	24.6	74
76	Insulin resistance and atherosclerosis. *Endocrinology and Metabolism Clinics of North America*, **2008**, 37, 603-21, viii	5.5	63
75	Decreased fetal size is associated with beta-cell hyperfunction in early life and failure with age. *Diabetes*, **2008**, 57, 2698-707	0.9	18
74	Requirement for p38 mitogen-activated protein kinase activity in neointima formation after vascular injury. *Circulation*, **2008**, 118, 658-66	16.7	26
73	Niemann-Pick C1 protects against atherosclerosis in mice via regulation of macrophage intracellular cholesterol trafficking. *Journal of Clinical Investigation*, **2008**, 118, 2281-90	15.9	82
72	Altered hepatic triglyceride content after partial hepatectomy without impaired liver regeneration in multiple murine genetic models. *Hepatology*, **2008**, 48, 1097-105	11.2	89
71	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, 979-84	11.5	1806
70	Lysosomal dysfunction results in altered energy balance. *Journal of Biological Chemistry*, **2007**, 282, 35765-71	5.4	58
69	Absence of peroxisome proliferator-activated receptor-alpha abolishes hypertension and attenuates atherosclerosis in the Tsukuba hypertensive mouse. *Hypertension*, **2007**, 50, 945-51	8.5	29
68	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	5.4	43
67	Grb2 is required for atherosclerotic lesion formation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 1361-7	9.4	17
66	Macrophage beta3 integrin suppresses hyperlipidemia-induced inflammation by modulating TNFalpha expression. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 2699-706	9.4	20

65	Macrophage expression of peroxisome proliferator-activated receptor-alpha reduces atherosclerosis in low-density lipoprotein receptor-deficient mice. *Circulation*, **2007**, 116, 1404-12	16.7	59
64	Retention of low-density lipoprotein in atherosclerotic lesions of the mouse: evidence for a role of lipoprotein lipase. *Circulation Research*, **2007**, 101, 777-83	15.7	72
63	Bone weighs in on obesity. *Cell*, **2007**, 130, 409-11	56.2	11
62	An afferent vagal nerve pathway links hepatic PPARalpha activation to glucocorticoid-induced insulin resistance and hypertension. *Cell Metabolism*, **2007**, 5, 91-102	24.6	77
61	Respiratory uncoupling in skeletal muscle delays death and diminishes age-related disease. *Cell Metabolism*, **2007**, 6, 497-505	24.6	84
60	Brain fatty acid synthase activates PPARalpha to maintain energy homeostasis. *Journal of Clinical Investigation*, **2007**, 117, 2539-52	15.9	166
59	PPARalpha activation elevates blood pressure and does not correct glucocorticoid-induced insulin resistance in humans. *American Journal of Physiology - Endocrinology and Metabolism*, **2006**, 291, E1365-71	6	30
58	ATM-dependent suppression of stress signaling reduces vascular disease in metabolic syndrome. *Cell Metabolism*, **2006**, 4, 377-89	24.6	194
57	Insulin resistance and atherosclerosis. *Journal of Clinical Investigation*, **2006**, 116, 1813-22	15.9	271
56	Alterations in thigh subcutaneous adipose tissue gene expression in protease inhibitor-based highly active antiretroviral therapy. *Metabolism: Clinical and Experimental*, **2005**, 54, 561-7	12.7	28
55	A potential link between muscle peroxisome proliferator- activated receptor-alpha signaling and obesity-related diabetes. *Cell Metabolism*, **2005**, 1, 133-44	24.6	216
54	"New" hepatic fat activates PPARalpha to maintain glucose, lipid, and cholesterol homeostasis. *Cell Metabolism*, **2005**, 1, 309-22	24.6	400
53	PPARalpha: savior or savage?. *Cell Metabolism*, **2005**, 2, 341-2	24.6	3
52	PGC-1alpha deficiency causes multi-system energy metabolic derangements: muscle dysfunction, abnormal weight control and hepatic steatosis. *PLoS Biology*, **2005**, 3, e101	9.7	726
51	Vascular respiratory uncoupling increases blood pressure and atherosclerosis. *Nature*, **2005**, 435, 502-6	50.4	151
50	Targeted intestinal overexpression of the immediate early gene tis7 in transgenic mice increases triglyceride absorption and adiposity. *Journal of Biological Chemistry*, **2005**, 280, 34764-75	5.4	18
49	Pancreatic beta-cell lipoprotein lipase independently regulates islet glucose metabolism and normal insulin secretion. *Journal of Biological Chemistry*, **2005**, 280, 9023-9	5.4	42
48	Fine-mapping gene-by-diet interactions on chromosome 13 in a LG/J x SM/J murine model of obesity. *Diabetes*, **2005**, 54, 1863-72	0.9	41

47	Maternal genotype affects adult offspring lipid, obesity, and diabetes phenotypes in LGXSM recombinant inbred strains. *Journal of Lipid Research*, **2005**, 46, 1692-702	6.3	23
46	Genetic evidence for discordance between obesity- and diabetes-related traits in the LGXSM recombinant inbred mouse strains. *Diabetes*, **2004**, 53, 2700-8	0.9	29
45	Thiazolidinedione use, fluid retention, and congestive heart failure: a consensus statement from the American Heart Association and American Diabetes Association. *Diabetes Care*, **2004**, 27, 256-63	14.6	479
44	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, E347-53	6	44
43	Fatty acid metabolism and vascular disease. *Trends in Cardiovascular Medicine*, **2004**, 14, 72-6	6.9	34
42	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, 3328-36	0.9	70
41	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, 15718-23	11.5	4063
40	Numerous transcriptional alterations in liver persist after short-term enzyme-replacement therapy in a murine model of mucopolysaccharidosis type VII. *Biochemical Journal*, **2004**, 379, 461-9	3.8	18
39	Thiazolidinedione use, fluid retention, and congestive heart failure: a consensus statement from the American Heart Association and American Diabetes Association. October 7, 2003. *Circulation*, **2003**, 108, 2941-8	16.7	658
38	Skeletal muscle overexpression of nuclear respiratory factor 1 increases glucose transport capacity. *FASEB Journal*, **2003**, 17, 1666-73	0.9	86
37	Beta3 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, 6730-5	11.5	67
36	Visceral adiposity, C-peptide levels, and low lipase activities predict HIV-dyslipidemia. *American Journal of Physiology - Endocrinology and Metabolism*, **2003**, 285, E899-905	6	18
35	Dexamethasone induction of hypertension and diabetes is PPAR-alpha dependent in LDL receptor-null mice. *Nature Medicine*, **2003**, 9, 1069-75	50.5	173
34	Transgenic mice expressing lipoprotein lipase in adipose tissue. Absence of the proximal 3Quntranslated region causes translational upregulation. *Journal of Biological Chemistry*, **2003**, 278, 32702-9	5.4	20
33	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, 668-74	9.4	4
32	Alpha2beta1 integrin and development of atherosclerosis in a mouse model: assessment of risk. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 2104-9	9.4	28
31	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, 44485-96	5.4	98
30	Respiratory uncoupling lowers blood pressure through a leptin-dependent mechanism in genetically obese mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2002**, 22, 961-8	9.4	62

29	PPARδ suppresses insulin secretion and induces UCP2 in insulinoma cells. *Journal of Lipid Research*, **2002**, 43, 936-943	6.3	58
28	PPARalpha suppresses insulin secretion and induces UCP2 in insulinoma cells. *Journal of Lipid Research*, **2002**, 43, 936-43	6.3	54
27	Glucose and insulin stimulate heparin-releasable lipoprotein lipase activity in mouse islets and INS-1 cells. A potential link between insulin resistance and beta-cell dysfunction. *Journal of Biological Chemistry*, **2001**, 276, 12162-8	5.4	42
26	Resistance exercise decreases skeletal muscle tumor necrosis factor alpha in frail elderly humans. *FASEB Journal*, **2001**, 15, 475-82	0.9	346
25	The pancreatic beta cell heats up: UCP2 and insulin secretion in diabetes. *Cell*, **2001**, 105, 705-7	56.2	27
24	Chronic activation of AMP kinase results in NRF-1 activation and mitochondrial biogenesis. *American Journal of Physiology - Endocrinology and Metabolism*, **2001**, 281, E1340-6	6	385
23	PPARalpha deficiency reduces insulin resistance and atherosclerosis in apoE-null mice. *Journal of Clinical Investigation*, **2001**, 107, 1025-34	15.9	188
22	The role of osteoprogenitors in vascular calcification. *Current Opinion in Nephrology and Hypertension*, **2000**, 9, 11-5	3.5	34
21	Skeletal muscle respiratory uncoupling prevents diet-induced obesity and insulin resistance in mice. *Nature Medicine*, **2000**, 6, 1115-20	50.5	248
20	Exercise induces lipoprotein lipase and GLUT-4 protein in muscle independent of adrenergic-receptor signaling. *Journal of Applied Physiology*, **2000**, 89, 176-81	3.7	72
19	Macrophage lipoprotein lipase promotes foam cell formation and atherosclerosis in low density lipoprotein receptor-deficient mice. *Journal of Biological Chemistry*, **2000**, 275, 26293-9	5.4	112
18	Respiratory uncoupling induces delta-aminolevulinate synthase expression through a nuclear respiratory factor-1-dependent mechanism in HeLa cells. *Journal of Biological Chemistry*, **1999**, 274, 17534-40	5.4	62
17	Relative hypoglycemia and hyperinsulinemia in mice with heterozygous lipoprotein lipase (LPL) deficiency. Islet LPL regulates insulin secretion. *Journal of Biological Chemistry*, **1999**, 274, 27426-32	5.4	49
16	Macrophage lipoprotein lipase promotes foam cell formation and atherosclerosis in vivo. *Journal of Clinical Investigation*, **1999**, 103, 1697-705	15.9	179
15	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, 30427-34	5.4	199
14	Properties and purification of a glucose-inducible human fatty acid synthase mRNA-binding protein. *American Journal of Physiology - Endocrinology and Metabolism*, **1998**, 274, E577-85	6	2
13	Effects of heterozygous lipoprotein lipase deficiency on diet-induced atherosclerosis in mice. *Journal of Lipid Research*, **1998**, 39, 1141-1151	6.3	50
12	Regulation of fatty acid synthase (FAS). *Progress in Lipid Research*, **1997**, 36, 43-53	14.3	178

11	Correction of hypertriglyceridemia and impaired fat tolerance in lipoprotein lipase-deficient mice by adenovirus-mediated expression of human lipoprotein lipase. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1997**, 17, 2532-9	9.4	53
10	Genetics and molecular biology. *Current Opinion in Lipidology*, **1996**, 7, U113-8	4.4	
9	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, 12518-25	5.4	91
8	Essential amino acids regulate fatty acid synthase expression through an uncharged transfer RNA-dependent mechanism. *Journal of Biological Chemistry*, **1995**, 270, 29323-9	5.4	31
7	Short-term interruption of training affects both fasting and post-prandial lipoproteins. *Atherosclerosis*, **1992**, 95, 181-9	3.1	39
6	Plasma Lipids in Patients With Type I Diabetes Mellitus. *Archives of Internal Medicine*, **1989**, 149, 51		10
5	Estrogens induce low-density lipoprotein receptor activity and decrease intracellular cholesterol in human hepatoma cell line Hep G2. *Biochemistry*, **1987**, 26, 4987-92	3.2	69
4	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, 1279-87	5.6	12
3	Adverse effects due to morphine sulfate. Challenge to previous clinical doctrine. *American Journal of Medicine*, **1985**, 79, 325-30	2.4	12
2	Mutants of Volvox carteri affecting nitrogen assimilation. *Molecular Genetics and Genomics*, **1979**, 169, 157-161		18
1	Satellite glial cells promote regenerative growth in sensory neurons		1