

Clay F Semenkovich

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7737726/clay-f-semenkovich-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The gut microbiota as an environmental factor that regulates fat storage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 15718-23	11.5	4063
153	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
152	Gut microbiota from twins discordant for obesity modulate metabolism in mice. <i>Science</i> , 2013 , 341, 1241-1244	33.14	2251
151	Mechanisms underlying the resistance to diet-induced obesity in germ-free mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 979-84	11.5	1806
150	PGC-1alpha deficiency causes multi-system energy metabolic derangements: muscle dysfunction, abnormal weight control and hepatic steatosis. <i>PLoS Biology</i> , 2005 , 3, e101	9.7	726
149	Thiazolidinedione use, fluid retention, and congestive heart failure: a consensus statement from the American Heart Association and American Diabetes Association. October 7, 2003. <i>Circulation</i> , 2003 , 108, 2941-8	16.7	658
148	Identification of a physiologically relevant endogenous ligand for PPARalpha in liver. <i>Cell</i> , 2009 , 138, 476-88	56.2	507
147	Thiazolidinedione use, fluid retention, and congestive heart failure: a consensus statement from the American Heart Association and American Diabetes Association. <i>Diabetes Care</i> , 2004 , 27, 256-63	14.6	479
146	Autophagy links inflammasomes to atherosclerotic progression. <i>Cell Metabolism</i> , 2012 , 15, 534-44	24.6	405
145	"New" hepatic fat activates PPARalpha to maintain glucose, lipid, and cholesterol homeostasis. <i>Cell Metabolism</i> , 2005 , 1, 309-22	24.6	400
144	Chronic activation of AMP kinase results in NRF-1 activation and mitochondrial biogenesis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E1340-6	6	385
143	Resistance exercise decreases skeletal muscle tumor necrosis factor alpha in frail elderly humans. <i>FASEB Journal</i> , 2001 , 15, 475-82	0.9	346
142	Metabolic control of adult neural stem cell activity by Fasn-dependent lipogenesis. <i>Nature</i> , 2013 , 493, 226-30	50.4	320
141	Insulin resistance and atherosclerosis. <i>Journal of Clinical Investigation</i> , 2006 , 116, 1813-22	15.9	271
140	Peroxisomes: a nexus for lipid metabolism and cellular signaling. <i>Cell Metabolism</i> , 2014 , 19, 380-92	24.6	263
139	Skeletal muscle respiratory uncoupling prevents diet-induced obesity and insulin resistance in mice. <i>Nature Medicine</i> , 2000 , 6, 1115-20	50.5	248
138	A potential link between muscle peroxisome proliferator-activated receptor-alpha signaling and obesity-related diabetes. <i>Cell Metabolism</i> , 2005 , 1, 133-44	24.6	216

137	The mitochondrial proteins NLRX1 and TUFM form a complex that regulates type I interferon and autophagy. <i>Immunity</i> , 2012 , 36, 933-46	32.3	199
136	Diet-induced diabetes activates an osteogenic gene regulatory program in the aortas of low density lipoprotein receptor-deficient mice. <i>Journal of Biological Chemistry</i> , 1998 , 273, 30427-34	5.4	199
135	ATM-dependent suppression of stress signaling reduces vascular disease in metabolic syndrome. <i>Cell Metabolism</i> , 2006 , 4, 377-89	24.6	194
134	PPARalpha deficiency reduces insulin resistance and atherosclerosis in apoE-null mice. <i>Journal of Clinical Investigation</i> , 2001 , 107, 1025-34	15.9	188
133	Fatty acid synthase and liver triglyceride metabolism: housekeeper or messenger?. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012 , 1821, 747-53	5	185
132	Macrophage lipoprotein lipase promotes foam cell formation and atherosclerosis in vivo. <i>Journal of Clinical Investigation</i> , 1999 , 103, 1697-705	15.9	179
131	Regulation of fatty acid synthase (FAS). <i>Progress in Lipid Research</i> , 1997 , 36, 43-53	14.3	178
130	Dexamethasone induction of hypertension and diabetes is PPAR-alpha dependent in LDL receptor-null mice. <i>Nature Medicine</i> , 2003 , 9, 1069-75	50.5	173
129	Brain fatty acid synthase activates PPARalpha to maintain energy homeostasis. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2539-52	15.9	166
128	Inhibiting adipose tissue lipogenesis reprograms thermogenesis and PPAR activation to decrease diet-induced obesity. <i>Cell Metabolism</i> , 2012 , 16, 189-201	24.6	164
127	Fatty acid synthesis configures the plasma membrane for inflammation in diabetes. <i>Nature</i> , 2016 , 539, 294-298	50.4	160
126	Effects of microbiota-directed foods in gnotobiotic animals and undernourished children. <i>Science</i> , 2019 , 365,	33.3	160
125	Vascular respiratory uncoupling increases blood pressure and atherosclerosis. <i>Nature</i> , 2005 , 435, 502-6	50.4	151
124	Macrophage lipoprotein lipase promotes foam cell formation and atherosclerosis in low density lipoprotein receptor-deficient mice. <i>Journal of Biological Chemistry</i> , 2000 , 275, 26293-9	5.4	112
123	Fatty acid synthase modulates intestinal barrier function through palmitoylation of mucin 2. <i>Cell Host and Microbe</i> , 2012 , 11, 140-52	23.4	103
122	A calcium-dependent protease as a potential therapeutic target for Wolfram syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E5292-301	11.5	99
121	Osteopontin transcription in aortic vascular smooth muscle cells is controlled by glucose-regulated upstream stimulatory factor and activator protein-1 activities. <i>Journal of Biological Chemistry</i> , 2002 , 277, 44485-96	5.4	98
120	Lipoexpediency: de novo lipogenesis as a metabolic signal transmitter. <i>Trends in Endocrinology and Metabolism</i> , 2011 , 22, 1-8	8.8	92

119	COOH-terminal disruption of lipoprotein lipase in mice is lethal in homozygotes, but heterozygotes have elevated triglycerides and impaired enzyme activity. <i>Journal of Biological Chemistry</i> , 1995 , 270, 12518-25	5.4	91
118	Altered hepatic triglyceride content after partial hepatectomy without impaired liver regeneration in multiple murine genetic models. <i>Hepatology</i> , 2008 , 48, 1097-105	11.2	89
117	Skeletal muscle overexpression of nuclear respiratory factor 1 increases glucose transport capacity. <i>FASEB Journal</i> , 2003 , 17, 1666-73	0.9	86
116	Inactivation of fatty acid synthase impairs hepatocarcinogenesis driven by AKT in mice and humans. <i>Journal of Hepatology</i> , 2016 , 64, 333-341	13.4	85
115	De novo lipogenesis maintains vascular homeostasis through endothelial nitric-oxide synthase (eNOS) palmitoylation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 2933-45	5.4	84
114	Respiratory uncoupling in skeletal muscle delays death and diminishes age-related disease. <i>Cell Metabolism</i> , 2007 , 6, 497-505	24.6	84
113	Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. <i>Cell Metabolism</i> , 2018 , 28, 866-880.e15	24.6	83
112	Niemann-Pick C1 protects against atherosclerosis in mice via regulation of macrophage intracellular cholesterol trafficking. <i>Journal of Clinical Investigation</i> , 2008 , 118, 2281-90	15.9	82
111	Muscle lipogenesis balances insulin sensitivity and strength through calcium signaling. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1229-40	15.9	81
110	An afferent vagal nerve pathway links hepatic PPARalpha activation to glucocorticoid-induced insulin resistance and hypertension. <i>Cell Metabolism</i> , 2007 , 5, 91-102	24.6	77
109	Why we should put clothes on mice. <i>Cell Metabolism</i> , 2009 , 9, 111-2	24.6	74
108	Retention of low-density lipoprotein in atherosclerotic lesions of the mouse: evidence for a role of lipoprotein lipase. <i>Circulation Research</i> , 2007 , 101, 777-83	15.7	72
107	Exercise induces lipoprotein lipase and GLUT-4 protein in muscle independent of adrenergic-receptor signaling. <i>Journal of Applied Physiology</i> , 2000 , 89, 176-81	3.7	72
106	Quantitative trait loci for obesity- and diabetes-related traits and their dietary responses to high-fat feeding in LGXSM recombinant inbred mouse strains. <i>Diabetes</i> , 2004 , 53, 3328-36	0.9	70
105	Estrogens induce low-density lipoprotein receptor activity and decrease intracellular cholesterol in human hepatoma cell line Hep G2. <i>Biochemistry</i> , 1987 , 26, 4987-92	3.2	69
104	Beta3 integrin deficiency promotes atherosclerosis and pulmonary inflammation in high-fat-fed, hyperlipidemic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 6730-5	11.5	67
103	Skeletal Muscle Phospholipid Metabolism Regulates Insulin Sensitivity and Contractile Function. <i>Diabetes</i> , 2016 , 65, 358-70	0.9	66
102	Insulin resistance and atherosclerosis. <i>Endocrinology and Metabolism Clinics of North America</i> , 2008 , 37, 603-21, viii	5.5	63

101	Respiratory uncoupling lowers blood pressure through a leptin-dependent mechanism in genetically obese mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 961-8	9.4	62
100	Respiratory uncoupling induces delta-aminolevulinic acid synthase expression through a nuclear respiratory factor-1-dependent mechanism in HeLa cells. <i>Journal of Biological Chemistry</i> , 1999 , 274, 17534-40	5.4	62
99	Macrophage expression of peroxisome proliferator-activated receptor-alpha reduces atherosclerosis in low-density lipoprotein receptor-deficient mice. <i>Circulation</i> , 2007 , 116, 1404-12	16.7	59
98	Lysosomal dysfunction results in altered energy balance. <i>Journal of Biological Chemistry</i> , 2007 , 282, 35765-71	5.4	58
97	PPAR β suppresses insulin secretion and induces UCP2 in insulinoma cells. <i>Journal of Lipid Research</i> , 2002 , 43, 936-943	6.3	58
96	Functional Deficits Precede Structural Lesions in Mice With High-Fat Diet-Induced Diabetic Retinopathy. <i>Diabetes</i> , 2016 , 65, 1072-84	0.9	57
95	Peroxisomal lipid synthesis regulates inflammation by sustaining neutrophil membrane phospholipid composition and viability. <i>Cell Metabolism</i> , 2015 , 21, 51-64	24.6	54
94	PPAR α suppresses insulin secretion and induces UCP2 in insulinoma cells. <i>Journal of Lipid Research</i> , 2002 , 43, 936-43	6.3	54
93	Correction of hypertriglyceridemia and impaired fat tolerance in lipoprotein lipase-deficient mice by adenovirus-mediated expression of human lipoprotein lipase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 2532-9	9.4	53
92	Effects of heterozygous lipoprotein lipase deficiency on diet-induced atherosclerosis in mice. <i>Journal of Lipid Research</i> , 1998 , 39, 1141-1151	6.3	50
91	Fatty acid synthase modulates homeostatic responses to myocardial stress. <i>Journal of Biological Chemistry</i> , 2011 , 286, 30949-30961	5.4	49
90	Relative hypoglycemia and hyperinsulinemia in mice with heterozygous lipoprotein lipase (LPL) deficiency. Islet LPL regulates insulin secretion. <i>Journal of Biological Chemistry</i> , 1999 , 274, 27426-32	5.4	49
89	Macrophage fatty-acid synthase deficiency decreases diet-induced atherosclerosis. <i>Journal of Biological Chemistry</i> , 2010 , 285, 23398-409	5.4	48
88	Insulin-regulated protein palmitoylation impacts endothelial cell function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 346-54	9.4	47
87	UCP-mediated energy depletion in skeletal muscle increases glucose transport despite lipid accumulation and mitochondrial dysfunction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E347-53	6	44
86	Satellite glial cells promote regenerative growth in sensory neurons. <i>Nature Communications</i> , 2020 , 11, 4891	17.4	44
85	Attenuated free cholesterol loading-induced apoptosis but preserved phospholipid composition of peritoneal macrophages from mice that do not express group VIA phospholipase A2. <i>Journal of Biological Chemistry</i> , 2007 , 282, 27100-27114	5.4	43
84	Pancreatic beta-cell lipoprotein lipase independently regulates islet glucose metabolism and normal insulin secretion. <i>Journal of Biological Chemistry</i> , 2005 , 280, 9023-9	5.4	42

83	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. <i>Journal of Biological Chemistry</i> , 2001 , 276, 12162-8	5.4	42
82	Fine-mapping gene-by-diet interactions on chromosome 13 in a LG/J x SM/J murine model of obesity. <i>Diabetes</i> , 2005 , 54, 1863-72	0.9	41
81	CNS myelination and remyelination depend on fatty acid synthesis by oligodendrocytes. <i>ELife</i> , 2019 , 8,	8.9	41
80	Short-term interruption of training affects both fasting and post-prandial lipoproteins. <i>Atherosclerosis</i> , 1992 , 95, 181-9	3.1	39
79	Diet-dependent genetic and genomic imprinting effects on obesity in mice. <i>Obesity</i> , 2011 , 19, 160-70	8	38
78	Inactivation of hypothalamic FAS protects mice from diet-induced obesity and inflammation. <i>Journal of Lipid Research</i> , 2009 , 50, 630-40	6.3	35
77	Genetic effects at pleiotropic loci are context-dependent with consequences for the maintenance of genetic variation in populations. <i>PLoS Genetics</i> , 2011 , 7, e1002256	6	35
76	ASXL2 Regulates Glucose, Lipid, and Skeletal Homeostasis. <i>Cell Reports</i> , 2015 , 11, 1625-37	10.6	34
75	Mice deficient in group VIB phospholipase A2 (iPLA2gamma) exhibit relative resistance to obesity and metabolic abnormalities induced by a Western diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E1097-114	6	34
74	Fatty acid metabolism and vascular disease. <i>Trends in Cardiovascular Medicine</i> , 2004 , 14, 72-6	6.9	34
73	The role of osteoprogenitors in vascular calcification. <i>Current Opinion in Nephrology and Hypertension</i> , 2000 , 9, 11-5	3.5	34
72	Adipocyte lipid synthesis coupled to neuronal control of thermogenic programming. <i>Molecular Metabolism</i> , 2017 , 6, 781-796	8.8	32
71	Essential amino acids regulate fatty acid synthase expression through an uncharged transfer RNA-dependent mechanism. <i>Journal of Biological Chemistry</i> , 1995 , 270, 29323-9	5.4	31
70	FASN-Dependent Lipid Metabolism Links Neurogenic Stem/Progenitor Cell Activity to Learning and Memory Deficits. <i>Cell Stem Cell</i> , 2020 , 27, 98-109.e11	18	30
69	PPARalpha activation elevates blood pressure and does not correct glucocorticoid-induced insulin resistance in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E1365-71	6	30
68	Absence of peroxisome proliferator-activated receptor-alpha abolishes hypertension and attenuates atherosclerosis in the Tsukuba hypertensive mouse. <i>Hypertension</i> , 2007 , 50, 945-51	8.5	29
67	Genetic evidence for discordance between obesity- and diabetes-related traits in the LGXSM recombinant inbred mouse strains. <i>Diabetes</i> , 2004 , 53, 2700-8	0.9	29
66	Alterations in thigh subcutaneous adipose tissue gene expression in protease inhibitor-based highly active antiretroviral therapy. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 561-7	12.7	28

65	Alpha2beta1 integrin and development of atherosclerosis in a mouse model: assessment of risk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 2104-9	9.4	28
64	De novo fatty acid synthesis by Schwann cells is essential for peripheral nervous system myelination. <i>Journal of Cell Biology</i> , 2018 , 217, 1353-1368	7.3	27
63	The pancreatic beta cell heats up: UCP2 and insulin secretion in diabetes. <i>Cell</i> , 2001 , 105, 705-7	56.2	27
62	The importance of context to the genetic architecture of diabetes-related traits is revealed in a genome-wide scan of a LG/J SM/J murine model. <i>Mammalian Genome</i> , 2011 , 22, 197-208	3.2	26
61	Requirement for p38 mitogen-activated protein kinase activity in neointima formation after vascular injury. <i>Circulation</i> , 2008 , 118, 658-66	16.7	26
60	p53 is required for chloroquine-induced atheroprotection but not insulin sensitization. <i>Journal of Lipid Research</i> , 2010 , 51, 1738-46	6.3	23
59	Genetic, epigenetic, and gene-by-diet interaction effects underlie variation in serum lipids in a LG/JxSM/J murine model. <i>Journal of Lipid Research</i> , 2010 , 51, 2976-84	6.3	23
58	Maternal genotype affects adult offspring lipid, obesity, and diabetes phenotypes in LGXSM recombinant inbred strains. <i>Journal of Lipid Research</i> , 2005 , 46, 1692-702	6.3	23
57	The effect of dietary fat intake on hepatic gene expression in LG/J AND SM/J mice. <i>BMC Genomics</i> , 2014 , 15, 99	4.5	22
56	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. <i>Journal of the American Society for Mass Spectrometry</i> , 2014 , 25, 1412-20	3.5	21
55	PexRAP Inhibits PRDM16-Mediated Thermogenic Gene Expression. <i>Cell Reports</i> , 2017 , 20, 2766-2774	10.6	20
54	Nutrient-dependent phosphorylation channels lipid synthesis to regulate PPAR α . <i>Journal of Lipid Research</i> , 2013 , 54, 1848-59	6.3	20
53	Macrophage beta3 integrin suppresses hyperlipidemia-induced inflammation by modulating TNF α expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2699-706	9.4	20
52	Transgenic mice expressing lipoprotein lipase in adipose tissue. Absence of the proximal 3' untranslated region causes translational upregulation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 32702-9	5.4	20
51	Calpain-10 is a component of the obesity-related quantitative trait locus Adip1. <i>Journal of Lipid Research</i> , 2010 , 51, 907-13	6.3	20
50	Targeting Cellular Calcium Homeostasis to Prevent Cytokine-Mediated Beta Cell Death. <i>Scientific Reports</i> , 2017 , 7, 5611	4.9	19
49	Skeletal muscle lipid flux: running water carries no poison. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E245-51	6	19
48	Decreased fetal size is associated with beta-cell hyperfunction in early life and failure with age. <i>Diabetes</i> , 2008 , 57, 2698-707	0.9	18

47	Visceral adiposity, C-peptide levels, and low lipase activities predict HIV-dyslipidemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E899-905	6	18
46	Numerous transcriptional alterations in liver persist after short-term enzyme-replacement therapy in a murine model of mucopolysaccharidosis type VII. <i>Biochemical Journal</i> , 2004 , 379, 461-9	3.8	18
45	Targeted intestinal overexpression of the immediate early gene <i>tis7</i> in transgenic mice increases triglyceride absorption and adiposity. <i>Journal of Biological Chemistry</i> , 2005 , 280, 34764-75	5.4	18
44	Mutants of <i>Volvox carteri</i> affecting nitrogen assimilation. <i>Molecular Genetics and Genomics</i> , 1979 , 169, 157-161		18
43	Grb2 is required for atherosclerotic lesion formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1361-7	9.4	17
42	We Know More Than We Can Tell About Diabetes and Vascular Disease: The 2016 Edwin Bierman Award Lecture. <i>Diabetes</i> , 2017 , 66, 1735-1741	0.9	12
41	Low dose chloroquine decreases insulin resistance in human metabolic syndrome but does not reduce carotid intima-media thickness. <i>Diabetology and Metabolic Syndrome</i> , 2019 , 11, 61	5.6	12
40	Interleukins and atherosclerosis: a dysfunctional family grows. <i>Cell Metabolism</i> , 2013 , 18, 614-6	24.6	12
39	Adverse effects due to morphine sulfate. Challenge to previous clinical doctrine. <i>American Journal of Medicine</i> , 1985 , 79, 325-30	2.4	12
38	The low density lipoprotein receptor on human peripheral blood monocytes and lymphocytes: visualization by ligand blotting and immunoblotting techniques. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986 , 62, 1279-87	5.6	12
37	-Acetylcysteine accelerates amputation stump healing in the setting of diabetes. <i>FASEB Journal</i> , 2017 , 31, 2686-2695	0.9	11
36	Endothelial Palmitoylation Cycling Coordinates Vessel Remodeling in Peripheral Artery Disease. <i>Circulation Research</i> , 2020 , 127, 249-265	15.7	11
35	Deletion of <i>Tis7</i> protects mice from high-fat diet-induced weight gain and blunts the intestinal adaptive response postresection. <i>Journal of Nutrition</i> , 2010 , 140, 1907-14	4.1	11
34	Calpain-10 is a component of the obesity-related quantitative trait locus <i>Adip1</i> . <i>Journal of Lipid Research</i> , 2010 , 51, 907-913	6.3	11
33	Bone weighs in on obesity. <i>Cell</i> , 2007 , 130, 409-11	56.2	11
32	The Fatty Acid Synthase Inhibitor Platensimycin Improves Insulin Resistance without Inducing Liver Steatosis in Mice and Monkeys. <i>PLoS ONE</i> , 2016 , 11, e0164133	3.7	11
31	Plasma Lipids in Patients With Type I Diabetes Mellitus. <i>Archives of Internal Medicine</i> , 1989 , 149, 51		10
30	Hepatic lipids promote liver metastasis. <i>JCI Insight</i> , 2020 , 5,	9.9	10

29	Retinal de novo lipogenesis coordinates neurotrophic signaling to maintain vision. <i>JCI Insight</i> , 2018 , 3,	9.9	10
28	Light deprivation reduces the severity of experimental diabetic retinopathy. <i>Neurobiology of Disease</i> , 2020 , 137, 104754	7.5	8
27	Circulating serum fatty acid synthase is elevated in patients with diabetes and carotid artery stenosis and is LDL-associated. <i>Atherosclerosis</i> , 2019 , 287, 38-45	3.1	7
26	Getting away from glucose: stop sugarcoating diabetes. <i>Nature Medicine</i> , 2009 , 15, 372-3	50.5	7
25	Association of Retinopathy and Insulin Resistance: NHANES 2005-2008. <i>Current Eye Research</i> , 2020 , 45, 173-176	2.9	7
24	Diabetes adversely affects phospholipid profiles in human carotid artery endarterectomy plaques. <i>Journal of Lipid Research</i> , 2018 , 59, 730-738	6.3	5
23	Quantitative trait loci affecting liver fat content in mice. <i>G3: Genes, Genomes, Genetics</i> , 2012 , 2, 1019-25	3.2	5
22	Amino terminal 38.9% of apolipoprotein B-100 is sufficient to support cholesterol-rich lipoprotein production and atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 668-74	9.4	4
21	Fenofibrate Reduces the Severity of Neuroretinopathy in a Type 2 Model of Diabetes without Inducing Peroxisome Proliferator-Activated Receptor Alpha-Dependent Retinal Gene Expression. <i>Journal of Clinical Medicine</i> , 2020 , 10,	5.1	4
20	Disorders of Lipid Metabolism 2016 , 1660-1700		4
19	Measurement of Energy Metabolism in Explanted Retinal Tissue Using Extracellular Flux Analysis. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	3
18	PPARalpha: savior or savage?. <i>Cell Metabolism</i> , 2005 , 2, 341-2	24.6	3
17	Acute ether lipid deficiency affects neutrophil biology in mice. <i>Cell Metabolism</i> , 2015 , 21, 652-3	24.6	2
16	Properties and purification of a glucose-inducible human fatty acid synthase mRNA-binding protein. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998 , 274, E577-85	6	2
15	FASN-dependent de novo lipogenesis is required for brain development.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	2
14	Functional and epigenetic phenotypes of humans and mice with DNMT3A Overgrowth Syndrome. <i>Nature Communications</i> , 2021 , 12, 4549	17.4	2
13	Canagliflozin impedes ischemic hind-limb recovery in the setting of diabetes. <i>Vascular Medicine</i> , 2021 , 26, 131-138	3.3	2
12	Suppressing fatty acid synthase by type I interferon and chemical inhibitors as a broad spectrum anti-viral strategy against SARS-CoV-2.. <i>Acta Pharmaceutica Sinica B</i> , 2022 ,	15.5	2

11	Satellite glial cells promote regenerative growth in sensory neurons		1
10	CEPT1-Mediated Phospholipogenesis Regulates Endothelial Cell Function and Ischemia-Induced Angiogenesis Through PPAR α <i>Diabetes</i> , 2021 , 70, 549-561	0.9	1
9	Endothelial ether lipids link the vasculature to blood pressure, behavior, and neurodegeneration. <i>Journal of Lipid Research</i> , 2021 , 62, 100079	6.3	1
8	Comprehensive Assessment of Current Management Strategies for Patients With Diabetes and Chronic Limb-Threatening Ischemia. <i>Clinical Diabetes</i> , 2021 , 39, 358-388	2.9	1
7	Disorders of Lipid Metabolism 2012 , 1346-1354		0
6	Prevalence of elevated serum fatty acid synthase in chronic limb-threatening ischemia. <i>Scientific Reports</i> , 2021 , 11, 19272	4.9	0
5	Glucose-mediated de novo lipogenesis in photoreceptors drives early diabetic retinopathy. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101104	5.4	0
4	Genetics and molecular biology. <i>Current Opinion in Lipidology</i> , 1996 , 7, U113-8	4.4	
3	Diabetes Update 2016: What Bartleby the Scrivener Can Teach Us About Diabetes Care. <i>Missouri Medicine</i> , 2016 , 113, 359-360	0.8	
2	Common sense treatment for common lipid disorders. <i>Missouri Medicine</i> , 2011 , 108, 107-12	0.8	
1	Disorders of Lipid Metabolism 2011 , 1633-1674		