

# Fredrik Karpe

## List of Publications by Year in descending order

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297  
papers

41,641  
citations

3726

89  
h-index

2743

192  
g-index

323  
all docs

323  
docs citations

323  
times ranked

44564  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Common Variant in the FTO Gene Is Associated with Body Mass Index and Predisposes to Childhood and Adult Obesity. <i>Science</i> , 2007, 316, 889-894.	6.0	3,884
2	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
3	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	9.4	2,634
4	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116.	9.4	1,982
5	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
6	Common variants near MC4R are associated with fat mass, weight and risk of obesity. <i>Nature Genetics</i> , 2008, 40, 768-775.	9.4	1,179
7	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	13.7	952
8	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960.	9.4	836
9	Fatty Acids, Obesity, and Insulin Resistance: Time for a Reevaluation. <i>Diabetes</i> , 2011, 60, 2441-2449.	0.3	692
10	Gluteofemoral body fat as a determinant of metabolic health. <i>International Journal of Obesity</i> , 2010, 34, 949-959.	1.6	607
11	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	9.4	578
12	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	13.7	544
13	Fatty Acid Uptake and Lipid Storage Induced by HIF-1 $\alpha$ Contribute to Cell Growth and Survival after Hypoxia-Reoxygenation. <i>Cell Reports</i> , 2014, 9, 349-365.	2.9	498
14	Postprandial lipoproteins and progression of coronary atherosclerosis. <i>Atherosclerosis</i> , 1994, 106, 83-97.	0.4	472
15	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766.	9.4	470
16	Genome-Wide Association Scan Meta-Analysis Identifies Three Loci Influencing Adiposity and Fat Distribution. <i>PLoS Genetics</i> , 2009, 5, e1000508.	1.5	453
17	Human Metabolic Syndrome Resulting From Dominant-Negative Mutations in the Nuclear Receptor Peroxisome Proliferator-Activated Receptor- $\alpha$ . <i>Diabetes</i> , 2003, 52, 910-917.	0.3	412
18	Downregulation of Adipose Tissue Fatty Acid Trafficking in Obesity. <i>Diabetes</i> , 2011, 60, 47-55.	0.3	397

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19	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. <i>PLoS Genetics</i> , 2013, 9, e1003500.	1.5	371
20	Integrative physiology of human adipose tissue. <i>International Journal of Obesity</i> , 2003, 27, 875-888.	1.6	361
21	Biology of upper-body and lower-body adipose tissue—link to whole-body phenotypes. <i>Nature Reviews Endocrinology</i> , 2015, 11, 90-100.	4.3	357
22	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018, 50, 559-571.	9.4	356
23	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353
24	Remodeling Phenotype of Human Subcutaneous Adipose Tissue Macrophages. <i>Circulation</i> , 2008, 117, 806-815.	1.6	320
25	Postprandial lipoprotein metabolism and atherosclerosis. <i>Journal of Internal Medicine</i> , 1999, 246, 341-355.	2.7	319
26	Factors influencing success of clinical genome sequencing across a broad spectrum of disorders. <i>Nature Genetics</i> , 2015, 47, 717-726.	9.4	310
27	Activation of Peroxisome Proliferator-Activated Receptor (PPAR) Promotes Reversal of Multiple Metabolic Abnormalities, Reduces Oxidative Stress, and Increases Fatty Acid Oxidation in Moderately Obese Men. <i>Diabetes</i> , 2008, 57, 332-339.	0.3	287
28	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	9.4	286
29	Common Variation in the <i>FTO</i> Gene Alters Diabetes-Related Metabolic Traits to the Extent Expected Given Its Effect on BMI. <i>Diabetes</i> , 2008, 57, 1419-1426.	0.3	277
30	Physical Activity and Exercise in the Regulation of Human Adipose Tissue Physiology. <i>Physiological Reviews</i> , 2012, 92, 157-191.	13.1	274
31	Regulation of adipose branched-chain amino acid catabolism enzyme expression and cross-adipose amino acid flux in human obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E1175-E1187.	1.8	267
32	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161.	9.4	261
33	Quantification of PtdInsP3 molecular species in cells and tissues by mass spectrometry. <i>Nature Methods</i> , 2011, 8, 267-272.	9.0	246
34	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495.	5.8	245
35	Alimentary Lipemia, Postprandial Triglyceride-Rich Lipoproteins, and Common Carotid Intima-Media Thickness in Healthy, Middle-Aged Men. <i>Circulation</i> , 1999, 100, 723-728.	1.6	229
36	Plasma tumour necrosis factor- $\alpha$ and early carotid atherosclerosis in healthy middle-aged men. <i>European Heart Journal</i> , 2002, 23, 376-383.	1.0	224

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37	Metabolism of triglyceride-rich lipoproteins during alimentary lipemia.. Journal of Clinical Investigation, 1993, 91, 748-758.	3.9	215
38	Preferential Uptake of Dietary Fatty Acids in Adipose Tissue and Muscle in the Postprandial Period. Diabetes, 2007, 56, 168-176.	0.3	209
39	<i>PTEN</i> Mutations as a Cause of Constitutive Insulin Sensitivity and Obesity. New England Journal of Medicine, 2012, 367, 1002-1011.	13.9	193
40	Transient Triglyceridemia Decreases Vascular Reactivity in Young, Healthy Men Without Risk Factors for Coronary Heart Disease. Circulation, 1997, 96, 3266-3268.	1.6	189
41	Parallel activation of de novo lipogenesis and stearoyl-CoA desaturase activity after 3 d of high-carbohydrate feeding. American Journal of Clinical Nutrition, 2008, 87, 817-823.	2.2	185
42	Very-Low-Density Lipoprotein Response Element in the Promoter Region of the Human Plasminogen Activator Inhibitor-1 Gene Implicated in the Impaired Fibrinolysis of Hypertriglyceridemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 20-26.	1.1	184
43	The nicotinic acid receptorâ€“a new mechanism for an old drug. Lancet, The, 2004, 363, 1892-1894.	6.3	171
44	Determination of apolipoproteins B-48 and B-100 in triglyceride-rich lipoproteins by analytical SDS-PAGE.. Journal of Lipid Research, 1994, 35, 1311-1317.	2.0	170
45	Accumulation of large very low density lipoprotein in plasma during intravenous infusion of a chylomicron-like triglyceride emulsion reflects competition for a common lipolytic pathway.. Journal of Lipid Research, 1996, 37, 76-86.	2.0	163
46	Regulation of human metabolism by hypoxia-inducible factor. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12722-12727.	3.3	160
47	Treatment effects on serum lipoprotein lipids, apolipoproteins and low density lipoprotein particle size and relationships of lipoprotein variables to progression of coronary artery disease in the Bezafibrate Coronary Atherosclerosis Intervention Trial (BECAIT). Journal of the American College of Cardiology, 1998, 32, 1648-1656.	1.2	155
48	Global Adiposity Rather Than Abnormal Regional Fat Distribution Characterizes Women with Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 999-1004.	1.8	154
49	Impaired Postprandial Adipose Tissue Blood Flow Response Is Related to Aspects of Insulin Sensitivity. Diabetes, 2002, 51, 2467-2473.	0.3	153
50	Distinct Developmental Profile of Lower-Body Adipose Tissue Defines Resistance Against Obesity-Associated Metabolic Complications. Diabetes, 2014, 63, 3785-3797.	0.3	148
51	Remnant lipoproteins are related to intima-media thickness of the carotid artery independently of LDL cholesterol and plasma triglycerides. Journal of Lipid Research, 2001, 42, 17-21.	2.0	145
52	Regulatory variants at KLF14 influence type 2 diabetes risk via a female-specific effect on adipocyte size and body composition. Nature Genetics, 2018, 50, 572-580.	9.4	143
53	Lipoprotein Lipase Mass and Activity in Plasma and Their Increase After Heparin Are Separate Parameters With Different Relations to Plasma Lipoproteins. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 1086-1093.	1.1	143
54	Structural and Functional Properties of Deep Abdominal Subcutaneous Adipose Tissue Explain Its Association With Insulin Resistance and Cardiovascular Risk in Men. Diabetes Care, 2014, 37, 821-829.	4.3	142

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55	MicroRNAs in adipose tissue: their role in adipogenesis and obesity. <i>International Journal of Obesity</i> , 2013, 37, 325-332.	1.6	141
56	Relationships of low density lipoprotein subfractions to angiographically defined coronary artery disease in young survivors of myocardial infarction. <i>Atherosclerosis</i> , 1991, 90, 67-80.	0.4	138
57	Determination of apolipoproteins B-48 and B-100 in triglyceride-rich lipoproteins by analytical SDS-PAGE. <i>Journal of Lipid Research</i> , 1994, 35, 1311-7.	2.0	138
58	Nitric Oxide and $\beta^2$ -Adrenergic Stimulation Are Major Regulators of Preprandial and Postprandial Subcutaneous Adipose Tissue Blood Flow in Humans. <i>Circulation</i> , 2004, 109, 47-52.	1.6	137
59	Quantification of Postprandial Triglyceride-Rich Lipoproteins in Healthy Men by Retinyl Ester Labeling and Simultaneous Measurement of Apolipoproteins B-48 and B-100. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 199-207.	1.1	134
60	A Common Functional Polymorphism in the Promoter Region of the Microsomal Triglyceride Transfer Protein Gene Influences Plasma LDL Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 756-761.	1.1	130
61	The effects of APOE on the functional architecture of the resting brain. <i>NeuroImage</i> , 2012, 59, 565-572.	2.1	130
62	Circulating Fibroblast Growth Factor 21 Is Induced by Peroxisome Proliferator-Activated Receptor Agonists But Not Ketosis in Man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3594-3601.	1.8	128
63	Selective partitioning of dietary fatty acids into the VLDL TG pool in the early postprandial period. <i>Journal of Lipid Research</i> , 2003, 44, 2065-2072.	2.0	126
64	Composition of human low density lipoprotein: Effects of postprandial triglyceride-rich lipoproteins, lipoprotein lipase, hepatic lipase and cholesteryl ester transfer protein. <i>Atherosclerosis</i> , 1993, 98, 33-49.	0.4	124
65	Browning of human adipocytes requires KLF11 and reprogramming of PPAR $\beta$ superenhancers. <i>Genes and Development</i> , 2015, 29, 7-22.	2.7	124
66	Fasted to Fed Trafficking of Fatty Acids in Human Adipose Tissue Reveals a Novel Regulatory Step for Enhanced Fat Storage. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1781-1788.	1.8	123
67	Association of variants in the fat mass and obesity associated (FTO) gene with polycystic ovary syndrome. <i>Diabetologia</i> , 2008, 51, 1153-1158.	2.9	121
68	Remnant lipoproteins are related to intima-media thickness of the carotid artery independently of LDL cholesterol and plasma triglycerides. <i>Journal of Lipid Research</i> , 2001, 42, 17-21.	2.0	118
69	Activation of coagulation factor VII during alimentary lipemia.. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1994, 14, 60-69.	3.8	114
70	Accumulation of large very low density lipoprotein in plasma during intravenous infusion of a chylomicron-like triglyceride emulsion reflects competition for a common lipolytic pathway. <i>Journal of Lipid Research</i> , 1996, 37, 76-86.	2.0	113
71	Comparison of regional fat measurements by dual-energy X-ray absorptiometry and conventional anthropometry and their association with markers of diabetes and cardiovascular disease risk. <i>International Journal of Obesity</i> , 2018, 42, 850-857.	1.6	109
72	Lipoprotein lipase in plasma after an oral fat load: relation to free fatty acids.. <i>Journal of Lipid Research</i> , 1992, 33, 975-984.	2.0	109

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73	Comprehensive Human Adipose Tissue mRNA and MicroRNA Endogenous Control Selection for Quantitative Real-time PCR Normalization. <i>Obesity</i> , 2011, 19, 888-892.	1.5	108
74	Sex-Specific Differences in Hepatic Fat Oxidation and Synthesis May Explain the Higher Propensity for NAFLD in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4425-4433.	1.8	108
75	Postprandial lipoprotein metabolism and atherosclerosis. <i>Current Opinion in Lipidology</i> , 1995, 6, 123-129.	1.2	106
76	The effects of rosiglitazone on fatty acid and triglyceride metabolism in type 2 diabetes. <i>Diabetologia</i> , 2005, 48, 83-95.	2.9	106
77	Metabolic Signatures of Human Adipose Tissue Hypoxia in Obesity. <i>Diabetes</i> , 2013, 62, 1417-1425.	0.3	106
78	Whole exome sequencing of familial hypercholesterolaemia patients negative for <i>LDLR</i> , <i>APOB</i> , <i>PCSK9</i> mutations. <i>Journal of Medical Genetics</i> , 2014, 51, 537-544.	1.5	104
79	The selective peroxisome proliferator-activated receptor alpha modulator (SPPARM $\alpha$ ) paradigm: conceptual framework and therapeutic potential. <i>Cardiovascular Diabetology</i> , 2019, 18, 71.	2.7	104
80	HDLs and alimentary lipemia. Studies in men with previous myocardial infarction at a young age.. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1993, 13, 11-22.	3.8	103
81	Assessment of High-Sensitivity C-Reactive Protein Levels as Diagnostic Discriminator of Maturity-Onset Diabetes of the Young Due to <i>HNFI1A</i> Mutations. <i>Diabetes Care</i> , 2010, 33, 1919-1924.	4.3	103
82	Substantial Metabolic Activity of Human Brown Adipose Tissue during Warm Conditions and Cold-Induced Lipolysis of Local Triglycerides. <i>Cell Metabolism</i> , 2018, 27, 1348-1355.e4.	7.2	101
83	LDL Particle Size Distribution Is Associated With Carotid Intima-Media Thickness in Healthy 50-Year-Old Men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 2422-2430.	1.1	99
84	Rosiglitazone Increases Indexes of Stearoyl-CoA Desaturase Activity in Humans: Link to Insulin Sensitization and the Role of Dominant-Negative Mutation in Peroxisome Proliferator-Activated Receptor- $\alpha$ . <i>Diabetes</i> , 2005, 54, 1379-1384.	0.3	99
85	Regulation of human subcutaneous adipose tissue blood flow. <i>International Journal of Obesity</i> , 2014, 38, 1019-1026.	1.6	99
86	Magnitude of alimentary lipemia is related to intima-media thickness of the common carotid artery in middle-aged men. <i>Atherosclerosis</i> , 1998, 141, 307-314.	0.4	98
87	Cortisol Release From Adipose Tissue by 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 in Humans. <i>Diabetes</i> , 2009, 58, 46-53.	0.3	98
88	Lipoprotein metabolism in hepatic lipase deficiency: studies on the turnover of apolipoprotein B and on the effect of hepatic lipase on high density lipoprotein. <i>Journal of Lipid Research</i> , 1988, 29, 1603-11.	2.0	97
89	Interaction between specific fatty acids, GLP-1 and insulin secretion in humans. <i>Diabetologia</i> , 2002, 45, 1533-1541.	2.9	96
90	Identification and Functional Characterization of G6PC2 Coding Variants Influencing Glycemic Traits Define an Effector Transcript at the G6PC2-ABCB11 Locus. <i>PLoS Genetics</i> , 2015, 11, e1004876.	1.5	95

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91	What have human experimental overfeeding studies taught us about adipose tissue expansion and susceptibility to obesity and metabolic complications?. <i>International Journal of Obesity</i> , 2017, 41, 853-865.	1.6	93
92	The Contribution of Splanchnic Fat to VLDL Triglyceride Is Greater in Insulin-Resistant Than Insulin-Sensitive Men and Women. <i>Diabetes</i> , 2007, 56, 2433-2441.	0.3	92
93	Integrated Pharmacodynamic Analysis Identifies Two Metabolic Adaption Pathways to Metformin in Breast Cancer. <i>Cell Metabolism</i> , 2018, 28, 679-688.e4.	7.2	92
94	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020, 52, 1314-1332.	9.4	91
95	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019, 51, 452-469.	9.4	89
96	Triglycerides and atherogenic dyslipidaemia: extending treatment beyond statins in the high-risk cardiovascular patient. <i>Heart</i> , 2011, 97, 350-356.	1.2	87
97	LRP5 Regulates Human Body Fat Distribution by Modulating Adipose Progenitor Biology in a Dose- and Depot-Specific Fashion. <i>Cell Metabolism</i> , 2015, 21, 262-273.	7.2	87
98	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	5.8	87
99	Differences in postprandial concentrations of very low-density lipoprotein and chylomicron remnants between normotriglyceridemic and hypertriglyceridemic men with and without coronary heart disease. <i>Metabolism: Clinical and Experimental</i> , 1999, 48, 301-307.	1.5	86
100	Upper and Lower Body Adipose Tissue Function: A Direct Comparison of Fat Mobilization in Humans. <i>Obesity</i> , 2004, 12, 114-118.	4.0	85
101	Analysis of the frequency and spectrum of mutations recognised to cause familial hypercholesterolaemia in routine clinical practice in a UK specialist hospital lipid clinic. <i>Atherosclerosis</i> , 2013, 229, 161-168.	0.4	85
102	The in vivo effects of the Pro12Ala PPAR $\gamma$ 2 polymorphism on adipose tissue NEFA metabolism: the first use of the Oxford Biobank. <i>Diabetologia</i> , 2006, 49, 158-168.	2.9	84
103	Adipose tissue fatty acid metabolism in insulin-resistant men. <i>Diabetologia</i> , 2008, 51, 1466-1474.	2.9	84
104	Gluteofemoral Adipose Tissue Plays a Major Role in Production of the Lipokine Palmitoleate in Humans. <i>Diabetes</i> , 2012, 61, 1399-1403.	0.3	84
105	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	5.8	84
106	Lipoprotein lipase in plasma after an oral fat load: relation to free fatty acids. <i>Journal of Lipid Research</i> , 1992, 33, 975-84.	2.0	84
107	The Presence of Methylation Quantitative Trait Loci Indicates a Direct Genetic Influence on the Level of DNA Methylation in Adipose Tissue. <i>PLoS ONE</i> , 2013, 8, e55923.	1.1	83
108	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. <i>Molecular Psychiatry</i> , 2020, 25, 2392-2409.	4.1	83

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109	Peroxisome proliferator activated receptor delta genotype in relation to cardiovascular risk factors and risk of coronary heart disease in hypercholesterolaemic men. <i>Journal of Internal Medicine</i> , 2003, 254, 597-604.	2.7	82
110	Vascular Peptide Endothelin-1 Links Fat Accumulation With Alterations of Visceral Adipocyte Lipolysis. <i>Diabetes</i> , 2008, 57, 378-386.	0.3	77
111	Chylomicron/chylomicron remnant turnover in humans: evidence for margination of chylomicrons and poor conversion of larger to smaller chylomicron remnants. <i>Journal of Lipid Research</i> , 1997, 38, 949-961.	2.0	77
112	Exercise Prevents the Accumulation of Triglyceride-Rich Lipoproteins and Their Remnants Seen When Changing to a High-Carbohydrate Diet. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1520-1525.	1.1	75
113	Variants of the microsomal triglyceride transfer protein gene are associated with plasma cholesterol levels and body mass index. <i>Journal of Lipid Research</i> , 2002, 43, 51-58.	2.0	75
114	Effects of insulin on adipose tissue blood flow in man. <i>Journal of Physiology</i> , 2002, 540, 1087-1093.	1.3	74
115	Reduced oxidation of dietary fat after a short term high-carbohydrate diet. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 824-831.	2.2	74
116	Determinants of VLDL-triglycerides production. <i>Current Opinion in Lipidology</i> , 2012, 23, 321-326.	1.2	71
117	Differences in partitioning of meal fatty acids into blood lipid fractions: a comparison of linoleate, oleate, and palmitate. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E64-E71.	1.8	70
118	Femoral Adipose Tissue May Accumulate the Fat That Has Been Recycled as VLDL and Nonesterified Fatty Acids. <i>Diabetes</i> , 2010, 59, 2465-2473.	0.3	69
119	The Microsomal Triglyceride Transfer Protein Gene-493T Variant Lowers Cholesterol But Increases the Risk of Coronary Heart Disease. <i>Circulation</i> , 2004, 109, 2279-2284.	1.6	68
120	Changes in adiponectin receptor expression in muscle and adipose tissue of type 2 diabetic patients during rosiglitazone therapy. <i>Diabetologia</i> , 2005, 48, 1585-1589.	2.9	68
121	A Diurnal Rhythm in Brown Adipose Tissue Causes Rapid Clearance and Combustion of Plasma Lipids at Wakening. <i>Cell Reports</i> , 2018, 22, 3521-3533.	2.9	68
122	Endogenous triglyceride-rich lipoproteins accumulate in rat plasma when competing with a chylomicron-like triglyceride emulsion for a common lipolytic pathway. <i>Journal of Lipid Research</i> , 1995, 36, 1557-1566.	2.0	68
123	The Antidiabetogenic Effect of GLP-1 Is Maintained During a 7-Day Treatment Period and Improves Diabetic Dyslipoproteinemia in NIDDM Patients. <i>Diabetes Care</i> , 1996, 19, 1200-1206.	4.3	67
124	An atlas of G-protein coupled receptor expression and function in human subcutaneous adipose tissue. , 2015, 146, 61-93.		65
125	In Vivo Demonstration in Humans That Large Postprandial Triglyceride-Rich Lipoproteins Activate Coagulation Factor VII Through the Intrinsic Coagulation Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 1333-1339.	1.1	65
126	Distribution of PCB Congeners, DDE, Hexachlorobenzene, and Methylsulfonyl Metabolites of PCB and DDE Among Various Fractions of Human Blood Plasma. <i>Archives of Environmental Contamination and Toxicology</i> , 1999, 37, 408-414.	2.1	64



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127	Associations of Variants in <i>FTO</i> and Near <i>MC4R</i> With Obesity Traits in South Asian Indians. <i>Obesity</i> , 2012, 20, 2268-2277.	1.5	64
128	Alimentary lipemia enhances the membrane expression of platelet P-selectin without affecting other markers of platelet activation. <i>Atherosclerosis</i> , 1998, 137, 107-113.	0.4	62
129	Acute and selective regulation of glyceroneogenesis and cytosolic phosphoenolpyruvate carboxykinase in adipose tissue by thiazolidinediones in type 2 diabetes. <i>Diabetologia</i> , 2007, 50, 666-675.	2.9	62
130	Proteomic Analysis of Human Adipose Tissue After Rosiglitazone Treatment Shows Coordinated Changes to Promote Glucose Uptake. <i>Obesity</i> , 2010, 18, 27-34.	1.5	61
131	Induction of Vascular GTP-Cyclohydrolase I and Endogenous Tetrahydrobiopterin Synthesis Protect Against Inflammation-Induced Endothelial Dysfunction in Human Atherosclerosis. <i>Circulation</i> , 2011, 124, 1860-1870.	1.6	61
132	Greater dietary fat oxidation in obese compared with lean men: an adaptive mechanism to prevent liver fat accumulation?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E584-E592.	1.8	60
133	Variants of the microsomal triglyceride transfer protein gene are associated with plasma cholesterol levels and body mass index. <i>Journal of Lipid Research</i> , 2002, 43, 51-8.	2.0	59
134	Young women partition fatty acids towards ketone body production rather than VLDL-TAG synthesis, compared with young men. <i>British Journal of Nutrition</i> , 2011, 105, 857-865.	1.2	57
135	Recycling Between Cortisol and Cortisone in Human Splanchnic, Subcutaneous Adipose, and Skeletal Muscle Tissues In Vivo. <i>Diabetes</i> , 2012, 61, 1357-1364.	0.3	57
136	Coexpression Network Analysis in Abdominal and Gluteal Adipose Tissue Reveals Regulatory Genetic Loci for Metabolic Syndrome and Related Phenotypes. <i>PLoS Genetics</i> , 2012, 8, e1002505.	1.5	57
137	RANTES release by human adipose tissue in vivo and evidence for depot-specific differences. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E1262-E1268.	1.8	56
138	Alterations of VLDL composition during alimentary lipemia. <i>Journal of Lipid Research</i> , 1997, 38, 301-314.	2.0	56
139	Monitoring adipose tissue blood flow in man: a comparison between the <sup>133</sup> xenon washout method and microdialysis. <i>International Journal of Obesity</i> , 2002, 26, 1-5.	1.6	55
140	Chylomicron/chylomicron remnant turnover in humans: evidence for margination of chylomicrons and poor conversion of larger to smaller chylomicron remnants. <i>Journal of Lipid Research</i> , 1997, 38, 949-61.	2.0	55
141	Formalising recall by genotype as an efficient approach to detailed phenotyping and causal inference. <i>Nature Communications</i> , 2018, 9, 711.	5.8	54
142	A haemagglutination test for rapid detection of antibodies to SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 1951.	5.8	54
143	Differences in apolipoprotein and lipid composition between human chylomicron remnants and very low density lipoproteins isolated from fasting and postprandial plasma. <i>Journal of Lipid Research</i> , 1998, 39, 1412-1420.	2.0	54
144	Remnant-like lipoprotein particle cholesterol concentration and progression of coronary and vein-graft atherosclerosis in response to gemfibrozil treatment. <i>Atherosclerosis</i> , 2001, 157, 181-187.	0.4	53

#	ARTICLE	IF	CITATIONS
145	Is there something special about palmitoleate?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 16, 225-231.	1.3	53
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296	Using a new socioepidemiological questionnaire to analyse associations between intergenerational upward social mobility and body fat distribution: a pilot study with the Oxford BioBank cohort. <i>Journal of Epidemiology and Community Health</i> , 2020, 74, jech-2020-213930.	2.0	0
297	Genetic determinants of dietary and drug responsiveness. <i>Proceedings of the Nutrition Society</i> , 2000, 59, 437-8.	0.4	0