

Fredrik Karpe

List of Publications by Year in descending order

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Version: 2024-02-01

297
papers

41,641
citations

3721

89
h-index

2736

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 α 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- α . <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- α and early carotid atherosclerosis in healthy middle-aged men. <i>European Heart Journal</i> , 2002, 23, 376-383. | 1.0 | 224 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 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 β^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 β 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 α) 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>HN1A</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- α . <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 β -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 γ 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 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 |
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