

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 | The associations between body fat distribution and bone mineral density in the Oxford Biobank: a cross sectional study. <i>Expert Review of Endocrinology and Metabolism</i> , 2022, 17, 75-81. | 1.2 | 10 |
| 2 | Sex hormones, adiposity, and metabolic traits in men and women: a Mendelian randomisation study. <i>European Journal of Endocrinology</i> , 2022, 186, 407-416. | 1.9 | 17 |
| 3 | Waist circumference thresholds predicting incident dysglycaemia and type 2 diabetes in Black African men and women. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 918-927. | 2.2 | 12 |
| 4 | The Arg82Cys Polymorphism of the Protein Nepmucin Implies a Role in HDL Metabolism. <i>Journal of the Endocrine Society</i> , 2022, 6, bvac034. | 0.1 | 1 |
| 5 | Apolipoprotein A-V is a potential target for treating coronary artery disease: evidence from genetic and metabolomic analyses. <i>Journal of Lipid Research</i> , 2022, , 100193. | 2.0 | 4 |
| 6 | Increased risk for type 2 diabetes in relation to adiposity in middle-aged Black South African men compared to women. <i>European Journal of Endocrinology</i> , 2022, 186, 523-533. | 1.9 | 9 |
| 7 | TCF7L2 plays a complex role in human adipose progenitor biology, which might contribute to genetic susceptibility to type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2022, 133, 155240. | 1.5 | 6 |
| 8 | Effects of Obesity and Insulin on Tissue-Specific Recycling Between Cortisol and Cortisone in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1206-e1220. | 1.8 | 8 |
| 9 | Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24. | 5.8 | 87 |
| 10 | A prospective study of the relationships between change in body composition and cardiovascular risk factors across the menopause. <i>Menopause</i> , 2021, 28, 400-406. | 0.8 | 12 |
| 11 | A haemagglutination test for rapid detection of antibodies to SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 1951. | 5.8 | 54 |
| 12 | Markers of adipose tissue hypoxia are elevated in subcutaneous adipose tissue of severely obese patients with obesity hypoventilation syndrome but not in the moderately obese. <i>International Journal of Obesity</i> , 2021, 45, 1618-1622. | 1.6 | 14 |
| 13 | Case Report: Metreleptin Treatment in a Patient With a Novel Mutation for Familial Partial Lipodystrophy Type 3, Presenting With Uncontrolled Diabetes and Insulin Resistance. <i>Frontiers in Endocrinology</i> , 2021, 12, 684182. | 1.5 | 3 |
| 14 | The Relation Between Adult Weight Gain, Adipocyte Volume, and the Metabolic Profile at Middle Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4438-e4447. | 1.8 | 6 |
| 15 | Distinct opposing associations of upper and lower body fat depots with metabolic and cardiovascular disease risk markers. <i>International Journal of Obesity</i> , 2021, 45, 2490-2498. | 1.6 | 5 |
| 16 | Triglyceride-lowering LPL alleles combined with LDL-C-lowering alleles are associated with an additively improved lipoprotein profile. <i>Atherosclerosis</i> , 2021, 328, 144-152. | 0.4 | 4 |
| 17 | Pregnancy-related interventions in mothers at risk for gestational diabetes in Asian India and low and middle-income countries (PRIMORDIAL study): protocol for a randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e042069. | 0.8 | 1 |
| 18 | The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679. | 13.7 | 353 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Distinctive Features of Orbital Adipose Tissue (OAT) in Graves's Orbitopathy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9145. | 1.8 | 9 |
| 22 | Associations between outdoor temperature and bright sunlight with metabolites in two population-based European cohorts. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 2252-2261. | 1.1 | 4 |
| 23 | 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 |
| 24 | RSPO3 impacts body fat distribution and regulates adipose cell biology in vitro. <i>Nature Communications</i> , 2020, 11, 2797. | 5.8 | 34 |
| 25 | Hepatic de novo lipogenesis is suppressed and fat oxidation is increased by omega-3 fatty acids at the expense of glucose metabolism. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000871. | 1.2 | 46 |
| 26 | Prevalence, incidence and predictors of cardiovascular risk factors: longitudinal data from rural and urban South India and comparison with global data. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001782. | 1.2 | 3 |
| 27 | The proposed systemic thermogenic metabolites succinate and 12,13-diHOME are inversely associated with adiposity and related metabolic traits: evidence from a large human cross-sectional study. <i>Diabetologia</i> , 2019, 62, 2079-2087. | 2.9 | 46 |
| 28 | Bone morphogenetic protein 2 is a depot-specific regulator of human adipogenesis. <i>International Journal of Obesity</i> , 2019, 43, 2458-2468. | 1.6 | 21 |
| 29 | Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957. | 5.8 | 84 |
| 30 | Conditionally immortalized brown preadipocytes can switch between proliferative and differentiated states. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 158511. | 1.2 | 8 |
| 31 | Regional fat depot masses are influenced by protein-coding gene variants. <i>PLoS ONE</i> , 2019, 14, e0217644. | 1.1 | 9 |
| 32 | 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 |
| 33 | Associations of Outdoor Temperature, Bright Sunlight, and Cardiometabolic Traits in Two European Population-Based Cohorts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2903-2910. | 1.8 | 11 |
| 34 | MicroRNA-196a links human body fat distribution to adipose tissue extracellular matrix composition. <i>EBioMedicine</i> , 2019, 44, 467-475. | 2.7 | 22 |
| 35 | Body Fat Distribution and Systolic Blood Pressure in 10,000 Adults with Whole-Body Imaging: UK Biobank and Oxford BioBank. <i>Obesity</i> , 2019, 27, 1200-1206. | 1.5 | 38 |
| 36 | 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 |

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|----|---|------|-----------|
| 37 | Association of prolactin receptor (<i>PRLR</i>) variants with prolactinomas. Human Molecular Genetics, 2019, 28, 1023-1037. | 1.4 | 24 |
| 38 | Hyperinsulinaemia: does it tip the balance toward intrahepatic fat accumulation?. Endocrine Connections, 2019, 8, R157-R168. | 0.8 | 12 |
| 39 | Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. Nature Genetics, 2018, 50, 559-571. | 9.4 | 356 |
| 40 | 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 |
| 41 | Formalising recall by genotype as an efficient approach to detailed phenotyping and causal inference. Nature Communications, 2018, 9, 711. | 5.8 | 54 |
| 42 | Chylomicron-Derived Fatty Acid Spillover in Adipose Tissue: A Signature of Metabolic Health?. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 25-34. | 1.8 | 26 |
| 43 | A Diurnal Rhythm in Brown Adipose Tissue Causes Rapid Clearance and Combustion of Plasma Lipids at Wakening. Cell Reports, 2018, 22, 3521-3533. | 2.9 | 68 |
| 44 | Cohort Profile: The Oxford Biobank. International Journal of Epidemiology, 2018, 47, 21-21g. | 0.9 | 39 |
| 45 | 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. International Journal of Obesity, 2018, 42, 850-857. | 1.6 | 109 |
| 46 | Integrated Pharmacodynamic Analysis Identifies Two Metabolic Adaption Pathways to Metformin in Breast Cancer. Cell Metabolism, 2018, 28, 679-688.e4. | 7.2 | 92 |
| 47 | Substantial Metabolic Activity of Human Brown Adipose Tissue during Warm Conditions and Cold-Induced Lipolysis of Local Triglycerides. Cell Metabolism, 2018, 27, 1348-1355.e4. | 7.2 | 101 |
| 48 | Relevance of human fat distribution on lipid and lipoprotein metabolism and cardiovascular disease risk. Current Opinion in Lipidology, 2018, 29, 285-292. | 1.2 | 21 |
| 49 | Cartilage oligomeric matrix protein is differentially expressed in human subcutaneous adipose tissue and regulates adipogenesis. Molecular Metabolism, 2018, 16, 172-179. | 3.0 | 12 |
| 50 | Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41. | 9.4 | 286 |
| 51 | IndEcho study: cohort study investigating birth size, childhood growth and young adult cardiovascular risk factors as predictors of midlife myocardial structure and function in South Asians. BMJ Open, 2018, 8, e019675. | 0.8 | 5 |
| 52 | Inequality and childhood overweight and obesity: a commentary. Pediatric Obesity, 2017, 12, 195-202. | 1.4 | 22 |
| 53 | A cellular model for the investigation of depot specific human adipocyte biology. Adipocyte, 2017, 6, 40-55. | 1.3 | 21 |
| 54 | Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190. | 13.7 | 544 |

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|----|--|------|-----------|
| 55 | 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 |
| 56 | A Low-Frequency Inactivating <i>AKT2</i> Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017, 66, 2019-2032. | 0.3 | 47 |
| 57 | Sex and APOE: A memory advantage in male APOE ϵ 4 carriers in midlife. <i>Cortex</i> , 2017, 88, 98-105. | 1.1 | 34 |
| 58 | Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766. | 9.4 | 470 |
| 59 | New Blood Pressure-Associated Loci Identified in Meta-Analyses of 475,000 Individuals. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, . | 5.1 | 48 |
| 60 | Weight Gain and Height Growth during Infancy, Childhood, and Adolescence as Predictors of Adult Cardiovascular Risk. <i>Journal of Pediatrics</i> , 2017, 180, 53-61.e3. | 0.9 | 45 |
| 61 | Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179. | 2.4 | 31 |
| 62 | High resolution HLA haplotyping by imputation for a British population bioresource. <i>Human Immunology</i> , 2017, 78, 242-251. | 1.2 | 31 |
| 63 | Commentary: Chylomicronaemia, fat tolerance and atherosclerosis—a commentary on a landmark paper. <i>International Journal of Epidemiology</i> , 2016, 45, 1385-1387. | 0.9 | 1 |
| 64 | Insulin Resistance and Fatty Acid Trafficking. , 2016, , . | | 0 |
| 65 | The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47. | 13.7 | 952 |
| 66 | Fat, yet fit. <i>Nature Reviews Endocrinology</i> , 2016, 12, 375-376. | 4.3 | 17 |
| 67 | Obesity — On or Off?. <i>New England Journal of Medicine</i> , 2016, 374, 1486-1488. | 13.9 | 7 |
| 68 | Fasting Plasma Insulin Concentrations Are Associated With Changes in Hepatic Fatty Acid Synthesis and Partitioning Prior to Changes in Liver Fat Content in Healthy Adults. <i>Diabetes</i> , 2016, 65, 1858-1867. | 0.3 | 37 |
| 69 | 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 |
| 70 | Triglyceride-rich lipoprotein metabolism in women: roles of apoB and apoA. <i>European Journal of Clinical Investigation</i> , 2016, 46, 730-736. | 1.7 | 9 |
| 71 | Measuring body composition and regional fat mass accurately. <i>Practical Diabetes</i> , 2016, 33, 224-226. | 0.1 | 10 |
| 72 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495. | 5.8 | 245 |

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|----|--|------|-----------|
| 73 | Loss-of-Function Mutations in the Cell-Cycle Control Gene <i>CDKN2A</i> Impact on Glucose Homeostasis in Humans. <i>Diabetes</i> , 2016, 65, 527-533. | 0.3 | 38 |
| 74 | Role of developmental transcription factors in white, brown and beige adipose tissues. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 686-696. | 1.2 | 45 |
| 75 | New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196. | 13.7 | 1,328 |
| 76 | Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206. | 13.7 | 3,823 |
| 77 | 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 |
| 78 | 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 |
| 79 | Factors influencing success of clinical genome sequencing across a broad spectrum of disorders. <i>Nature Genetics</i> , 2015, 47, 717-726. | 9.4 | 310 |
| 80 | 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 |
| 81 | Menopausal Status and Abdominal Obesity Are Significant Determinants of Hepatic Lipid Metabolism in Women. <i>Journal of the American Heart Association</i> , 2015, 4, e002258. | 1.6 | 44 |
| 82 | Browning of human adipocytes requires KLF11 and reprogramming of PPAR β superenhancers. <i>Genes and Development</i> , 2015, 29, 7-22. | 2.7 | 124 |
| 83 | 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 |
| 84 | An atlas of G-protein coupled receptor expression and function in human subcutaneous adipose tissue. , 2015, 146, 61-93. | | 65 |
| 85 | Structural and Functional Properties of Deep Abdominal Subcutaneous Adipose Tissue Explain Its Association With Insulin Resistance and Cardiovascular Risk in Men. <i>Diabetes Care</i> , 2014, 37, 821-829. | 4.3 | 142 |
| 86 | 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 |
| 87 | Lower resting and total energy expenditure in postmenopausal compared with premenopausal women matched for abdominal obesity. <i>Journal of Nutritional Science</i> , 2014, 3, e3. | 0.7 | 44 |
| 88 | FTO genetic variants and risk of obesity and type 2 diabetes: A meta-analysis of 28,394 Indians. <i>Obesity</i> , 2014, 22, 964-970. | 1.5 | 40 |
| 89 | 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 |
| 90 | Distinct Developmental Profile of Lower-Body Adipose Tissue Defines Resistance Against Obesity-Associated Metabolic Complications. <i>Diabetes</i> , 2014, 63, 3785-3797. | 0.3 | 148 |

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|-----|--|-----|-----------|
| 91 | Regulation of human subcutaneous adipose tissue blood flow. <i>International Journal of Obesity</i> , 2014, 38, 1019-1026. | 1.6 | 99 |
| 92 | Genomics of Adipose Tissue. <i>Frontiers in Diabetes</i> , 2014, , 122-132. | 0.4 | 0 |
| 93 | MicroRNAs in adipose tissue: their role in adipogenesis and obesity. <i>International Journal of Obesity</i> , 2013, 37, 325-332. | 1.6 | 141 |
| 94 | 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 |
| 95 | Apolipoprotein M can discriminate <sc>HNF</sc>1A<sc>MODY</sc> from Type 1 diabetes. <i>Diabetic Medicine</i> , 2013, 30, 246-250. | 1.2 | 27 |
| 96 | Insulin Resistance by Adiponectin Deficiency: Is the Action in Skeletal Muscle?. <i>Diabetes</i> , 2013, 62, 701-702. | 0.3 | 14 |
| 97 | Circulating MicroRNAs: What Is Their Relevance?. <i>Clinical Chemistry</i> , 2013, 59, 729-731. | 1.5 | 15 |
| 98 | Metabolic Signatures of Human Adipose Tissue Hypoxia in Obesity. <i>Diabetes</i> , 2013, 62, 1417-1425. | 0.3 | 106 |
| 99 | 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 |
| 100 | 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 |
| 101 | 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 |
| 102 | Assessing association between protein truncating variants and quantitative traits. <i>Bioinformatics</i> , 2013, 29, 2419-2426. | 1.8 | 12 |
| 103 | Is there something special about palmitoleate?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 16, 225-231. | 1.3 | 53 |
| 104 | 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 |
| 105 | A common variant in the <sc>FTO</sc> locus is associated with waist-to-hip ratio in <sc>Indian</sc> adolescents. <i>Pediatric Obesity</i> , 2013, 8, e45-9. | 1.4 | 14 |
| 106 | The minor allele of the missense polymorphism Ser251Pro in perilipin 2 (PLIN2) disrupts an α -helix, affects lipolysis, and is associated with reduced plasma triglyceride concentration in humans. <i>FASEB Journal</i> , 2013, 27, 3090-3099. | 0.2 | 44 |
| 107 | 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 |
| 108 | Chylomicron production as a feature of atherogenic lipoproteins. <i>Current Opinion in Lipidology</i> , 2012, 23, 398-399. | 1.2 | 3 |

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|-----|--|------|-----------|
| 109 | Determinants of VLDL-triglycerides production. <i>Current Opinion in Lipidology</i> , 2012, 23, 321-326. | 1.2 | 71 |
| 110 | Familial hypercholesterolaemia. <i>BMJ, The</i> , 2012, 344, e3228-e3228. | 3.0 | 13 |
| 111 | Association of adipose tissue blood flow with fat depot sizes and adipokines in women. <i>International Journal of Obesity</i> , 2012, 36, 783-789. | 1.6 | 12 |
| 112 | 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 |
| 113 | The effects of APOE on brain activity do not simply reflect the risk of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 618.e1-618.e13. | 1.5 | 48 |
| 114 | <i>PTEN</i> Mutations as a Cause of Constitutive Insulin Sensitivity and Obesity. <i>New England Journal of Medicine</i> , 2012, 367, 1002-1011. | 13.9 | 193 |
| 115 | Failure to increase postprandial blood flow in subcutaneous adipose tissue is associated with tissue resistance to adrenergic stimulation. <i>Diabetes and Metabolism</i> , 2012, 38, 27-33. | 1.4 | 16 |
| 116 | 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 |
| 117 | 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 |
| 118 | The effects of APOE on the functional architecture of the resting brain. <i>NeuroImage</i> , 2012, 59, 565-572. | 2.1 | 130 |
| 119 | Marked resistance of femoral adipose tissue blood flow and lipolysis to adrenaline in vivo. <i>Diabetologia</i> , 2012, 55, 3029-3037. | 2.9 | 39 |
| 120 | Physical Activity and Exercise in the Regulation of Human Adipose Tissue Physiology. <i>Physiological Reviews</i> , 2012, 92, 157-191. | 13.1 | 274 |
| 121 | Effects of genetic variation in the <i>P2RX7</i> gene on pharmacodynamics of a P2X ₇ receptor antagonist: a prospective genotyping approach. <i>British Journal of Clinical Pharmacology</i> , 2012, 74, 376-380. | 1.1 | 19 |
| 122 | Triglycerides and atherogenic dyslipidaemia: extending treatment beyond statins in the high-risk cardiovascular patient. <i>Heart</i> , 2011, 97, 350-356. | 1.2 | 87 |
| 123 | Downregulation of Adipose Tissue Fatty Acid Trafficking in Obesity. <i>Diabetes</i> , 2011, 60, 47-55. | 0.3 | 397 |
| 124 | Republished review: Triglycerides and atherogenic dyslipidaemia: extending treatment beyond statins in the high-risk cardiovascular patient. <i>Postgraduate Medical Journal</i> , 2011, 87, 776-782. | 0.9 | 8 |
| 125 | MicroRNA Expression in Abdominal and Gluteal Adipose Tissue Is Associated with mRNA Expression Levels and Partly Genetically Driven. <i>PLoS ONE</i> , 2011, 6, e27338. | 1.1 | 46 |
| 126 | A large waist circumference is associated with higher liver fat in healthy pre-menopausal women in the absence of classical biochemical risk factors for CVD. <i>Proceedings of the Nutrition Society</i> , 2011, 70, . | 0.4 | 0 |

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|-----|--|-----|-----------|
| 127 | DNA methylation of genes in adipose tissue. <i>Proceedings of the Nutrition Society</i> , 2011, 70, 57-63. | 0.4 | 47 |
| 128 | Quantification of PtdInsP3 molecular species in cells and tissues by mass spectrometry. <i>Nature Methods</i> , 2011, 8, 267-272. | 9.0 | 246 |
| 129 | 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 |
| 130 | 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 |
| 131 | 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 |
| 132 | Fatty Acids, Obesity, and Insulin Resistance: Time for a Reevaluation. <i>Diabetes</i> , 2011, 60, 2441-2449. | 0.3 | 692 |
| 133 | Why, when and how should hypertriglyceridemia be treated in the high-risk cardiovascular patient?. <i>Expert Review of Cardiovascular Therapy</i> , 2011, 9, 987-997. | 0.6 | 6 |
| 134 | Absence of Birth-Weight Lowering Effect of ADCY5 and Near CCNL, but Association of Impaired Glucose-Insulin Homeostasis with ADCY5 in Asian Indians. <i>PLoS ONE</i> , 2011, 6, e21331. | 1.1 | 14 |
| 135 | Dysregulation of subcutaneous adipose tissue blood flow in overweight postmenopausal women. <i>Menopause</i> , 2010, 17, 365-371. | 0.8 | 17 |
| 136 | Hyperlipidaemia and cardiovascular disease: nonantipolytic effects of nicotinic acid in adipose tissue. <i>Current Opinion in Lipidology</i> , 2010, 21, 282-283. | 1.2 | 3 |
| 137 | Regulation of subcutaneous adipose tissue blood flow is related to measures of vascular and autonomic function. <i>Clinical Science</i> , 2010, 119, 313-322. | 1.8 | 10 |
| 138 | Dietary fat and insulin sensitivity. <i>Diabetologia</i> , 2010, 53, 799-801. | 2.9 | 4 |
| 139 | Comparative protein profiling of serum and plasma using an antibody suspension bead array approach. <i>Proteomics</i> , 2010, 10, 532-540. | 1.3 | 34 |
| 140 | More than meets the eye: the ACCORD trial and use of statin-fibrate combination in type 2 diabetes mellitus. <i>Practical Diabetes International: the International Journal for Diabetes Care Teams Worldwide</i> , 2010, 27, 326-328. | 0.2 | 0 |
| 141 | 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 |
| 142 | Gluteofemoral body fat as a determinant of metabolic health. <i>International Journal of Obesity</i> , 2010, 34, 949-959. | 1.6 | 607 |
| 143 | Response to Janiszewski et al.. <i>International Journal of Obesity</i> , 2010, 34, 1101-1101. | 1.6 | 0 |
| 144 | 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 |

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|-----|--|-----|-----------|
| 145 | 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 |
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