# Alexandra I F Blakemore

## List of Publications by Year in Descending Order



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| 88 papers | 10,797 citations | 44 h-index | 93 g-index |
| 93 ext. papers | 11,943 ext. citations | 11.9 avg, IF | 4.91 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 88 | GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. *Science Advances*, **2019**, 5, eaaw3095 | 14.3 | 39 |
| 87 | A neurobiological pathway to smoking in adolescence: TTC12-ANKK1-DRD2 variants and reward response. *European Neuropsychopharmacology*, **2018**, 28, 1103-1114 | 1.2 | 8 |
| 86 | Relationship between BMI and emotion-handling capacity in an adult Finnish population: The Northern Finland Birth Cohort 1966. *PLoS ONE*, **2018**, 13, e0203660 | 3.7 | 3 |
| 85 | Associations of Leukocyte Telomere Length With Aerobic and Muscular Fitness in Young Adults. *American Journal of Epidemiology*, **2017**, 185, 529-537 | 3.8 | 7 |
| 84 | Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161 | 36.3 | 181 |
| 83 | 25-Hydroxyvitamin D Concentration and Leukocyte Telomere Length in Young Adults: Findings From the Northern Finland Birth Cohort 1966. *American Journal of Epidemiology*, **2016**, 183, 191-8 | 3.8 | 25 |
| 82 | Body composition of the host influences dendritic cell phenotype in patients treated for colorectal cancer. *Tumor Biology*, **2016**, 37, 11359-64 | 2.9 | 5 |
| 81 | Analysis with the exome array identifies multiple new independent variants in lipid loci. *Human Molecular Genetics*, **2016**, 25, 4094-4106 | 5.6 | 14 |
| 80 | Genetic determinants of leucocyte telomere length in children: a neglected and challenging field. *Paediatric and Perinatal Epidemiology*, **2015**, 29, 146-50 | 2.7 | 9 |
| 79 | The prognostic significance and relationship with body composition of CCR7-positive cells in colorectal cancer. *Journal of Surgical Oncology*, **2015**, 112, 86-92 | 2.8 | 14 |
| 78 | PDGFR demarcates the cardiogenic clonogenic Sca1+ stem/progenitor cell in adult murine myocardium. *Nature Communications*, **2015**, 6, 6930 | 17.4 | 106 |
| 77 | Truncating Homozygous Mutation of Carboxypeptidase E (CPE) in a Morbidly Obese Female with Type 2 Diabetes Mellitus, Intellectual Disability and Hypogonadotrophic Hypogonadism. *PLoS ONE*, **2015**, 10, e0131417 | 3.7 | 46 |
| 76 | Imprinted expression of UBE3A in non-neuronal cells from a Prader-Willi syndrome patient with an atypical deletion. *Human Molecular Genetics*, **2014**, 23, 2364-73 | 5.6 | 44 |
| 75 | Telomere length in circulating leukocytes is associated with lung function and disease. *European Respiratory Journal*, **2014**, 43, 983-92 | 13.6 | 83 |
| 74 | Human leukocyte telomere length is associated with DNA methylation levels in multiple subtelomeric and imprinted loci. *Scientific Reports*, **2014**, 4, 4954 | 4.9 | 55 |
| 73 | Multiple measures of adiposity are associated with mean leukocyte telomere length in the northern Finland birth cohort 1966. *PLoS ONE*, **2014**, 9, e99133 | 3.7 | 20 |
| 72 | Identification of seven loci affecting mean telomere length and their association with disease. *Nature Genetics*, **2013**, 45, 422-7, 427e1-2 | 36.3 | 624 |

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| 71 | New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. *Nature Genetics*, **2013**, 45, 76-82 | 36.3 | 232 |
| 70 | A mechanistic role for leptin in human dendritic cell migration: differences between ileum and colon in health and Crohn's disease. *Mucosal Immunology*, **2013**, 6, 751-61 | 9.2 | 33 |
| 69 | Are C-reactive protein associated genetic variants associated with serum levels and retinal markers of microvascular pathology in Asian populations from Singapore?. *PLoS ONE*, **2013**, 8, e67650 | 3.7 | 18 |
| 68 | Rare genomic structural variants in complex disease: lessons from the replication of associations with obesity. *PLoS ONE*, **2013**, 8, e58048 | 3.7 | 27 |
| 67 | Long-term unemployment is associated with short telomeres in 31-year-old men: an observational study in the northern Finland birth cohort 1966. *PLoS ONE*, **2013**, 8, e80094 | 3.7 | 10 |
| 66 | Technologies for global health. *Lancet, The*, **2012**, 380, 507-35 | 40 | 238 |
| 65 | A genome-wide association meta-analysis identifies new childhood obesity loci. *Nature Genetics*, **2012**, 44, 526-31 | 36.3 | 292 |
| 64 | Relaxin polymorphisms associated with metabolic disturbance in patients treated with antipsychotics. *Journal of Psychopharmacology*, **2012**, 26, 374-9 | 4.6 | 23 |
| 63 | Replication of 13 obesity loci among Singaporean Chinese, Malay and Asian-Indian populations. *International Journal of Obesity*, **2012**, 36, 159-63 | 5.5 | 70 |
| 62 | Effect of vertical sleeve gastrectomy in melanocortin receptor 4-deficient rats. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 303, E103-10 | 6 | 37 |
| 61 | Common variants at 12q15 and 12q24 are associated with infant head circumference. *Nature Genetics*, **2012**, 44, 532-538 | 36.3 | 94 |
| 60 | Gene-targeted analysis of copy number variants identifies 3 novel associations with coronary heart disease traits. *Circulation: Cardiovascular Genetics*, **2012**, 5, 555-60 | | 7 |
| 59 | Novel association approach for variable number tandem repeats (VNTRs) identifies DOCK5 as a susceptibility gene for severe obesity. *Human Molecular Genetics*, **2012**, 21, 3727-38 | 5.6 | 29 |
| 58 | Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. *Nature Genetics*, **2011**, 44, 187-92 | 36.3 | 244 |
| 57 | Structural variation in two human genomes mapped at single-nucleotide resolution by whole genome de novo assembly. *Nature Biotechnology*, **2011**, 29, 723-30 | 44.5 | 99 |
| 56 | Childhood obesity is associated with shorter leukocyte telomere length. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 1500-5 | 5.6 | 104 |
| 55 | Mirror extreme BMI phenotypes associated with gene dosage at the chromosome 16p11.2 locus. *Nature*, **2011**, 478, 97-102 | 50.4 | 322 |
| 54 | Investigation of the HIN200 locus in UK SLE families identifies novel copy number variants. *Annals of Human Genetics*, **2011**, 75, 383-97 | 2.2 | 5 |

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| 53 | Chromosome 19p13.3 deletion in a patient with macrocephaly, obesity, mental retardation, and behavior problems. *American Journal of Medical Genetics, Part A*, **2011**, 155A, 1192-5 | 2.5 | 16 |
| 52 | Accurate single-nucleotide polymorphism allele assignment in trisomic or duplicated regions by using a single base-extension assay with MALDI-TOF mass spectrometry. *Clinical Chemistry*, **2011**, 57, 1188-95 | 5.5 | 8 |
| 51 | famCNV: copy number variant association for quantitative traits in families. *Bioinformatics*, **2011**, 27, 1873-5 | 7.2 | 9 |
| 50 | A new highly penetrant form of obesity due to deletions on chromosome 16p11.2. *Nature*, **2010**, 463, 671-5 | 50.4 | 403 |
| 49 | Investigation of Mendelian forms of obesity holds out the prospect of personalized medicine. *Annals of the New York Academy of Sciences*, **2010**, 1214, 180-9 | 6.5 | 39 |
| 48 | Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48 | 36.3 | 2267 |
| 47 | cnvHap: an integrative population and haplotype-based multiplatform model of SNPs and CNVs. *Nature Methods*, **2010**, 7, 541-6 | 21.6 | 37 |
| 46 | Inferring combined CNV/SNP haplotypes from genotype data. *Bioinformatics*, **2010**, 26, 1437-45 | 7.2 | 29 |
| 45 | Methylglyoxal modulates immune responses: relevance to diabetes. *Journal of Cellular and Molecular Medicine*, **2010**, 14, 1806-15 | 5.6 | 44 |
| 44 | Absence of AVPR2 copy number variation in eunatremic and dysnatremic subjects in non-Hispanic Caucasian populations. *Physiological Genomics*, **2010**, 40, 121-7 | 3.6 | 2 |
| 43 | Implications of copy number variation in people with chromosomal abnormalities: potential for greater variation in copy number state may contribute to variability of phenotype. *The HUGO Journal*, **2010**, 4, 1-9 | | 7 |
| 42 | Implications of copy number variation in people with chromosomal abnormalities: potential for greater variation in copy number state may contribute to variability of phenotype. *The HUGO Journal*, **2010**, 4, 1-9 | | 9 |
| 41 | A deletion of the HBII-85 class of small nucleolar RNAs (snoRNAs) is associated with hyperphagia, obesity and hypogonadism. *Human Molecular Genetics*, **2009**, 18, 3257-65 | 5.6 | 217 |
| 40 | Combined effects of MC4R and FTO common genetic variants on obesity in European general populations. *Journal of Molecular Medicine*, **2009**, 87, 537-46 | 5.5 | 122 |
| 39 | Copy number variation at 1q21.1 associated with neuroblastoma. *Nature*, **2009**, 459, 987-91 | 50.4 | 285 |
| 38 | A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. *Nature Genetics*, **2009**, 41, 89-94 | 36.3 | 466 |
| 37 | Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. *Nature Genetics*, **2009**, 41, 157-9 | 36.3 | 521 |
| 36 | A rare variant in the visfatin gene (NAMPT/PBEF1) is associated with protection from obesity. *Obesity*, **2009**, 17, 1549-53 | 8 | 52 |

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| 35 | Apolipoprotein-E gene variants associated with cardiovascular risk factors in antipsychotic recipients. *European Psychiatry*, **2009**, 24, 456-63 | 6 | 15 |
| 34 | Association study of serotonergic gene variants with antipsychotic-induced adverse reactions. *Psychiatric Genetics*, **2009**, 19, 305-11 | 2.9 | 27 |
| 33 | Human genes involved in copy number variation: mechanisms of origin, functional effects and implications for disease. *Cytogenetic and Genome Research*, **2008**, 123, 17-26 | 1.9 | 53 |
| 32 | Is obesity our genetic legacy?. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, S51-6 | 5.6 | 47 |
| 31 | The power of the extreme in elucidating obesity. *New England Journal of Medicine*, **2008**, 359, 891-3 | 59.2 | 24 |
| 30 | Small deletion variants have stable breakpoints commonly associated with alu elements. *PLoS ONE*, **2008**, 3, e3104 | 3.7 | 49 |
| 29 | FCGR3B copy number variation is associated with susceptibility to systemic, but not organ-specific, autoimmunity. *Nature Genetics*, **2007**, 39, 721-3 | 36.3 | 378 |
| 28 | Leptin receptor genotype at Gln223Arg is associated with body composition, BMD, and vertebral fracture in postmenopausal Danish women. *Journal of Bone and Mineral Research*, **2007**, 22, 544-50 | 6.3 | 40 |
| 27 | Array CGH analysis of copy number variation identifies 1284 new genes variant in healthy white males: implications for association studies of complex diseases. *Human Molecular Genetics*, **2007**, 16, 2783-94 | 5.6 | 191 |
| 26 | Genetics of obesity and the prediction of risk for health. *Human Molecular Genetics*, **2006**, 15 Spec No 2, R124-30 | 5.6 | 125 |
| 25 | Interleukin-1 receptor antagonist and interleukin-1 beta polymorphisms in women with recurrent miscarriage. *Fertility and Sterility*, **2005**, 83, 1549-52 | 4.8 | 22 |
| 24 | Transforming growth factor-beta1 SNPs: genetic and phenotypic correlations in progressive kidney insufficiency. *Nephron Experimental Nephrology*, **2005**, 101, e31-41 | | 31 |
| 23 | Interleukin (IL)-10, IL-1ra and IL-12 profiles in active and quiescent systemic lupus erythematosus: could longitudinal studies reveal patient subgroups of differing pathology?. *Clinical and Experimental Immunology*, **2004**, 138, 348-56 | 6.2 | 39 |
| 22 | Expression of interleukin-11 receptor alpha and interleukin-11 protein in the endometrium of normal fertile women and women with recurrent miscarriage. *Journal of Reproductive Immunology*, **2004**, 64, 145-55 | 4.2 | 25 |
| 21 | Single nucleotide polymorphisms in the leptin receptor gene: studies in anorexia nervosa. *Psychiatric Genetics*, **2004**, 14, 191-4 | 2.9 | 21 |
| 20 | A review of immune cells and molecules in women with recurrent miscarriage. *Human Reproduction Update*, **2003**, 9, 163-74 | 15.8 | 219 |
| 19 | A single nucleotide polymorphism (SNP) in the leptin receptor is associated with BMI, fat mass and leptin levels in postmenopausal Caucasian women. *Human Genetics*, **2001**, 108, 233-6 | 6.3 | 154 |
| 18 | Leptin and leptin-binding activity in women with recurrent miscarriage: correlation with pregnancy outcome. *Human Reproduction*, **2001**, 16, 2008-13 | 5.7 | 51 |

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| 17 | Leptin Binding Activity Changes with Age: The Link between Leptin and Puberty. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 2336-2341 | 5.6 | 70 |
| 16 | Association between interleukin-1 receptor antagonist (IL-1ra) gene polymorphism and early and late-onset psoriasis. *British Journal of Dermatology*, **1997**, 136, 147-8 | 4 | 52 |
| 15 | Stability of serum interleukin-10 levels during the menstrual cycle. *American Journal of Reproductive Immunology*, **1997**, 38, 339-42 | 3.8 | 12 |
| 14 | Interleukin-1 receptor antagonist allele (IL1RN*2) associated with nephropathy in diabetes mellitus. *Human Genetics*, **1996**, 97, 369-74 | 6.3 | 135 |
| 13 | Interleukin-1 receptor antagonist allele (ILIRN*2) associated with nephropathy in diabetes mellitus **1996**, 97, 369 | | 19 |
| 12 | An allele of the interleukin-1 receptor antagonist as a genetic severity factor in alopecia areata. *Journal of Investigative Dermatology*, **1995**, 104, 15S-16S | 4.3 | 38 |
| 11 | Association of GravesSdisease with an allele of the interleukin-1 receptor antagonist gene. *Journal of Clinical Endocrinology and Metabolism*, **1995**, 80, 111-115 | 5.6 | 80 |
| 10 | Severity of alopecia areata is associated with a polymorphism in the interleukin-1 receptor antagonist gene. *Journal of Investigative Dermatology*, **1994**, 103, 387-90 | 4.3 | 140 |
| 9 | Interleukin 1 receptor antagonist gene polymorphism association with lichen sclerosus. *Human Genetics*, **1994**, 94, 407-10 | 6.3 | 112 |
| 8 | Interleukin-1 receptor antagonist gene polymorphism as a disease severity factor in systemic lupus erythematosus. *Arthritis and Rheumatism*, **1994**, 37, 1380-5 | | 245 |
| 7 | Genetic polymorphism of human interleukin-1 alpha. *European Journal of Immunology*, **1993**, 23, 1240-5 | 6.1 | 60 |
| 6 | Polymorphism in human IL-1 receptor antagonist gene intron 2 is caused by variable numbers of an 86-bp tandem repeat. *Human Genetics*, **1993**, 91, 403-4 | 6.3 | 507 |
| 5 | Psoriasis and interleukin-1. A translation. *Journal of the Royal College of Physicians of London*, **1993**, 27, 366 | | 4 |
| 4 | Heterogeneity for mutations in medium chain acyl-CoA dehydrogenase deficiency in the UK population. *Clinical Genetics*, **1991**, 40, 283-6 | 4 | 7 |
| 3 | Understanding MCAD deficiency: one cause of cot death. *Current Biology*, **1991**, 1, 195-7 | 6.3 | 1 |
| 2 | The most common mutation causing medium-chain acyl-CoA dehydrogenase deficiency is strongly associated with a particular haplotype in the region of the gene. *Human Genetics*, **1991**, 87, 425-8 | 6.3 | 21 |
| 1 | Specific diagnosis of medium-chain acyl-CoA dehydrogenase (MCAD) deficiency in dried blood spots by a polymerase chain reaction (PCR) assay detecting a point-mutation (G985) in the MCAD gene. *Clinica Chimica Acta*, **1991**, 203, 23-34 | 6.2 | 72 |