Alexandra I F Blakemore

List of Publications by Year
in descending order

90 papers	12,885 citations	53751 45 h-index	43868 91 g-index
93 all docs	93 docs citations	93 times ranked	22324 citing authors

#	Article	IF	Citations
1	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	9.4	2,634
2	Identification of seven loci affecting mean telomere length and their association with disease. Nature Genetics, 2013, 45, 422-427.	9.4	808
3	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.	1.8	603
4	Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. Nature Genetics, 2009, 41, 157-159.	9.4	585
5	A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. Nature Genetics, 2009, 41, 89-94.	9.4	540
6	A new highly penetrant form of obesity due to deletions on chromosome 16p11.2. Nature, 2010, 463, 671-675.	13.7	476
7	FCGR3B copy number variation is associated with susceptibility to systemic, but not organ-specific, autoimmunity. Nature Genetics, 2007, 39, 721-723.	9.4	421
8	Mirror extreme BMI phenotypes associated with gene dosage at the chromosome 16p11.2 locus. Nature, 2011, 478, 97-102.	13.7	394
9	A genome-wide association meta-analysis identifies new childhood obesity loci. Nature Genetics, 2012, 44, 526-531.	9.4	352
10	Copy number variation at 1q21.1 associated with neuroblastoma. Nature, 2009, 459, 987-991.	13.7	329
11	Technologies for global health. Lancet, The, 2012, 380, 507-535.	6.3	311
12	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. Nature Genetics, 2012, 44, 187-192.	9.4	311
13	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. Nature Genetics, 2013, 45, 76-82.	9.4	293
14	Interleukinâ€“1 receptor antagonist gene polymorphism as a disease severity factor in systemic lupus erythematosus. Arthritis and Rheumatism, 1994, 37, 1380-1385.	6.7	269
15	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	9.4	261
16	A review of immune cells and molecules in women with recurrent miscarriage. Human Reproduction Update, 2003, 9, 163-174.	5.2	253
17	A deletion of the HBII-85 class of small nucleolar RNAs (snoRNAs) is associated with hyperphagia, obesity and hypogonadism. Human Molecular Genetics, 2009, 18, 3257-3265.	1.4	253
18	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, 2783-2794.	1.4	200

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19	Severity of Alopecia Areata Is Associated with a Polymorphism in the Interleukin-1 Receptor Antagonist Gene. Journal of Investigative Dermatology, 1994, 103, 387-390.	0.3	172
20	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, 233-236.	1.8	165
21	Genetics of obesity and the prediction of risk for health. Human Molecular Genetics, 2006, 15, R124-R130.	1.4	147
22	Interleukin-1 receptor antagonist allele (IL1RN*2) associated with nephropathy in diabetes mellitus. Human Genetics, 1996, 97, 369-374.	1.8	141
23	Combined effects of MC4R and FTO common genetic variants on obesity in European general populations. Journal of Molecular Medicine, 2009, 87, 537-546.	1.7	141
24	Interleukin 1 receptor antagonist gene polymorphism association with lichen sclerosus. Human Genetics, 1994, 94, 407-10.	1.8	131
25	Common variants at 12q15 and 12q24 are associated with infant head circumference. Nature Genetics, 2012, 44, 532-538.	9.4	130
26	PDGFRÎ± demarcates the cardiogenic clonogenic Sca1+ stem/progenitor cell in adult murine myocardium. Nature Communications, 2015, 6, 6930.	5.8	130
27	Childhood Obesity Is Associated with Shorter Leukocyte Telomere Length. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1500-1505.	1.8	127
28	Structural variation in two human genomes mapped at single-nucleotide resolution by whole genome de novo assembly. Nature Biotechnology, 2011, 29, 723-730.	9.4	113
29	Telomere length in circulating leukocytes is associated with lung function and disease. European Respiratory Journal, 2014, 43, 983-992.	3.1	103
30	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science Advances, 2019, 5, eaaw3095.	4.7	86
31	Human leukocyte telomere length is associated with DNA methylation levels in multiple subtelomeric and imprinted loci. Scientific Reports, 2014, 4, 4954.	1.6	85
32	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.	0.5	83
33	Replication of 13 obesity loci among Singaporean Chinese, Malay and Asian-Indian populations. International Journal of Obesity, 2012, 36, 159-163.	1.6	83
34	Association of Graves' disease with an allele of the interleukin-1 receptor antagonist gene. Journal of Clinical Endocrinology and Metabolism, 1995, 80, 111-115.	1.8	83
35	Leptin Binding Activity Changes with Age: The Link between Leptin and Puberty. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 2336-2341.	1.8	78
36	Methylglyoxal modulates immune responses: relevance to diabetes. Journal of Cellular and Molecular Medicine, 2010, 14, 1806-1815.	1.6	73

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37	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.	1.1	72
38	Human genes involved in copy number variation: mechanisms of origin, functional effects and implications for disease. Cytogenetic and Genome Research, 2008, 123, 17-26.	0.6	67
39	Association between interleukin-1 receptor antagonist (IL-1ra) gene polymorphism and early and late-onset psoriasis. British Journal of Dermatology, 1997, 136, 147-148.	1.4	65
40	Genetic polymorphism of human interleukin-1Î±. European Journal of Immunology, 1993, 23, 1240-1245.	1.6	64
41	A Rare Variant in the Visfatin Gene (NAMPT/PBEF1) Is Associated With Protection From Obesity. Obesity, 2009, 17, 1549-1553.	1.5	60
42	Is Obesity Our Genetic Legacy?. Journal of Clinical Endocrinology and Metabolism, 2008, 93, s51-s56.	1.8	59
43	Leptin and leptin-binding activity in women with recurrent miscarriage: correlation with pregnancy outcome. Human Reproduction, 2001, 16, 2008-2013.	0.4	58
44	Imprinted expression of UBE3A in non-neuronal cells from a Praderâ€“Willi syndrome patient with an atypical deletion. Human Molecular Genetics, 2014, 23, 2364-2373.	1.4	58
45	Small Deletion Variants Have Stable Breakpoints Commonly Associated with Alu Elements. PLoS ONE, 2008, 3, e3104.	1.1	52
46	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, 348-356.	1.1	47
47	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, 544-550.	3.1	45
48	cnvHap: an integrative population and haplotypeâ€“based multiplatform model of SNPs and CNVs. Nature Methods, 2010, 7, 541-546.	9.0	44
49	Investigation of Mendelian forms of obesity holds out the prospect of personalized medicine. Annals of the New York Academy of Sciences, 2010, 1214, 180-189.	1.8	43
50	An Allele of the Interleukin-1 Receptor Antagonist as a Genetic Severity Factor in Alopecia Areata. Journal of Investigative Dermatology, 1995, 104, 15-16.	0.3	42
51	Effect of vertical sleeve gastrectomy in melanocortin receptor 4-deficient rats. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E103-E110.	1.8	41
52	Relaxin polymorphisms associated with metabolic disturbance in patients treated with antipsychotics. Journal of Psychopharmacology, 2012, 26, 374-379.	2.0	38
53	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, 751-761.	2.7	38
54	Transforming Growth Factor-Î²₁ SNPs: Genetic and Phenotypic Correlations in Progressive Kidney Insufficiency. Nephron Experimental Nephrology, 2005, 101, e31-e41.	2.4	37

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55	Novel association approach for variable number tandem repeats (VNTRs) identifies DOCK5 as a susceptibility gene for severe obesity. Human Molecular Genetics, 2012, 21, 3727-3738.	1.4	37
56	Expression of interleukin-11 receptor Î± and interleukin-11 protein in the endometrium of normal fertile women and women with recurrent miscarriage. Journal of Reproductive Immunology, 2004, 64, 145-155.	0.8	33
57	Rare Genomic Structural Variants in Complex Disease: Lessons from the Replication of Associations with Obesity. PLoS ONE, 2013, 8, e58048.	1.1	33
58	Inferring combined CNV/SNP haplotypes from genotype data. Bioinformatics, 2010, 26, 1437-1445.	1.8	31
59	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, 191-198.	1.6	30
60	The Power of the Extreme in Elucidating Obesity. New England Journal of Medicine, 2008, 359, 891-893.	13.9	29
61	Association study of serotonergic gene variants with antipsychotic-induced adverse reactions. Psychiatric Genetics, 2009, 19, 305-311.	0.6	28
62	Single nucleotide polymorphisms in the leptin receptor gene: studies in anorexia nervosa. Psychiatric Genetics, 2004, 14, 191-194.	0.6	24
63	Interleukin-1 receptor antagonist and interleukin-1 beta polymorphisms in women with recurrent miscarriage. Fertility and Sterility, 2005, 83, 1549-1552.	0.5	24
64	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.	1.1	23
65	Interleukin-1 receptor antagonist allele (IL1RN*2) associated with nephropathy in diabetes mellitus. Human Genetics, 1996, 97, 369-374.	1.8	23
66	Multiple Measures of Adiposity Are Associated with Mean Leukocyte Telomere Length in the Northern Finland Birth Cohort 1966. PLoS ONE, 2014, 9, e99133.	1.1	22
67	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.	1.8	21
68	Apolipoprotein-E gene variants associated with cardiovascular risk factors in antipsychotic recipients. European Psychiatry, 2009, 24, 456-463.	0.1	21
69	Analysis with the exome array identifies multiple new independent variants in lipid loci. Human Molecular Genetics, 2016, 25, 4094-4106.	1.4	19
70	Chromosome 19p13.3 deletion in a patient with macrocephaly, obesity, mental retardation, and behavior problems. American Journal of Medical Genetics, Part A, 2011, 155, 1192-1195.	0.7	18
71	Stability of Serum Interleukinâ€10 Levels During the Menstrual Cycle. American Journal of Reproductive Immunology, 1997, 38, 339-342.	1.2	17
72	The prognostic significance and relationship with body composition of CCR7-positive cells in colorectal cancer. Journal of Surgical Oncology, 2015, 112, 86-92.	0.8	16

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73	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.	1.1	13
74	A neurobiological pathway to smoking in adolescence: TTC12-ANKK1-DRD2 variants and reward response. European Neuropsychopharmacology, 2018, 28, 1103-1114.	0.3	12
75	Associations of Leukocyte Telomere Length With Aerobic and Muscular Fitness in Young Adults. American Journal of Epidemiology, 2017, 185, 529-537.	1.6	11
76	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.	4.1	10
77	Accurate Single-Nucleotide Polymorphism Allele Assignment in Trisomic or Duplicated Regions by Using a Single Baseâ€“Extension Assay with MALDI-TOF Mass Spectrometry. Clinical Chemistry, 2011, 57, 1188-1195.	1.5	10
78	famCNV: copy number variant association for quantitative traits in families. Bioinformatics, 2011, 27, 1873-1875.	1.8	10
79	Obesity, genetic risk, and environment. BMJ, The, 2014, 348, g1900-g1900.	3.0	10
80	Genetic Determinants of Leucocyte Telomere Length in Children: a Neglected and Challenging Field. Paediatric and Perinatal Epidemiology, 2015, 29, 146-150.	0.8	10
81	Heterogeneity for mutations in medium chain acylâ€CoA dehydrogenase deficiency in the UK population. Clinical Genetics, 1991, 40, 283-286.	1.0	9
82	Gene-Targeted Analysis of Copy Number Variants Identifies 3 Novel Associations With Coronary Heart Disease Traits. Circulation: Cardiovascular Genetics, 2012, 5, 555-560.	5.1	9
83	Body composition of the host influences dendritic cell phenotype in patients treated for colorectal cancer. Tumor Biology, 2016, 37, 11359-11364.	0.8	8
84	HGM 2010 Programme / Abstract. The HUGO Journal, 2010, 4, 1-190.	4.1	7
85	Investigation of the HIN200 Locus in UK SLE Families Identifies Novel Copy Number Variants. Annals of Human Genetics, 2011, 75, 383-397.	0.3	5
86	Relationship between BMI and emotion-handling capacity in an adult Finnish population: The Northern Finland Birth Cohort 1966. PLoS ONE, 2018, 13, e0203660.	1.1	4
87	Psoriasis and interleukin-1. A translation. Journal of the Royal College of Physicians of London, 1993, 27, 366.	0.2	4
88	Urinary Sodium Excretion Enhances the Effect of Alcohol on Blood Pressure. Healthcare (Switzerland), 2022, 10, 1296.	1.0	3
89	Absence ofAVPR2copy number variation in eunatremic and dysnatremic subjects in non-Hispanic Caucasian populations. Physiological Genomics, 2010, 40, 121-127.	1.0	2
90	Understanding MCAD deficiency: one cause of cot death. Current Biology, 1991, 1, 195-197.	1.8	1