

Alexandra I F Blakemore

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

12,885
citations

53794

45
h-index

43889

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. <i>Nature Genetics</i> , 2010, 42, 937-948.	21.4	2,634
2	Identification of seven loci affecting mean telomere length and their association with disease. <i>Nature Genetics</i> , 2013, 45, 422-427.	21.4	808
3	Polymorphism in human IL-1 receptor antagonist gene intron 2 is caused by variable numbers of an 86-bp tandem repeat. <i>Human Genetics</i> , 1993, 91, 403-4.	3.8	603
4	Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. <i>Nature Genetics</i> , 2009, 41, 157-159.	21.4	585
5	A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. <i>Nature Genetics</i> , 2009, 41, 89-94.	21.4	540
6	A new highly penetrant form of obesity due to deletions on chromosome 16p11.2. <i>Nature</i> , 2010, 463, 671-675.	27.8	476
7	FCGR3B copy number variation is associated with susceptibility to systemic, but not organ-specific, autoimmunity. <i>Nature Genetics</i> , 2007, 39, 721-723.	21.4	421
8	Mirror extreme BMI phenotypes associated with gene dosage at the chromosome 16p11.2 locus. <i>Nature</i> , 2011, 478, 97-102.	27.8	394
9	A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , 2012, 44, 526-531.	21.4	352
10	Copy number variation at 1q21.1 associated with neuroblastoma. <i>Nature</i> , 2009, 459, 987-991.	27.8	329
11	Technologies for global health. <i>Lancet</i> , The, 2012, 380, 507-535.	13.7	311
12	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2012, 44, 187-192.	21.4	311
13	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013, 45, 76-82.	21.4	293
14	Interleukin-1 receptor antagonist gene polymorphism as a disease severity factor in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 1994, 37, 1380-1385.	6.7	269
15	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161.	21.4	261
16	A review of immune cells and molecules in women with recurrent miscarriage. <i>Human Reproduction Update</i> , 2003, 9, 163-174.	10.8	253
17	A deletion of the HBII-85 class of small nucleolar RNAs (snoRNAs) is associated with hyperphagia, obesity and hypogonadism. <i>Human Molecular Genetics</i> , 2009, 18, 3257-3265.	2.9	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. <i>Human Molecular Genetics</i> , 2007, 16, 2783-2794.	2.9	200

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19	Severity of Alopecia Areata Is Associated with a Polymorphism in the Interleukin-1 Receptor Antagonist Gene. <i>Journal of Investigative Dermatology</i> , 1994, 103, 387-390.	0.7	172
20	A single nucleotide polymorphism (SNP) in the leptin receptor is associated with BMI, fat mass and leptin levels in postmenopausal Caucasian women. <i>Human Genetics</i> , 2001, 108, 233-236.	3.8	165
21	Genetics of obesity and the prediction of risk for health. <i>Human Molecular Genetics</i> , 2006, 15, R124-R130.	2.9	147
22	Interleukin-1 receptor antagonist allele (IL1RN*2) associated with nephropathy in diabetes mellitus. <i>Human Genetics</i> , 1996, 97, 369-374.	3.8	141
23	Combined effects of MC4R and FTO common genetic variants on obesity in European general populations. <i>Journal of Molecular Medicine</i> , 2009, 87, 537-546.	3.9	141
24	Interleukin 1 receptor antagonist gene polymorphism association with lichen sclerosus. <i>Human Genetics</i> , 1994, 94, 407-10.	3.8	131
25	Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012, 44, 532-538.	21.4	130
26	PDGFR β demarcates the cardiogenic clonogenic Sca1+ stem/progenitor cell in adult murine myocardium. <i>Nature Communications</i> , 2015, 6, 6930.	12.8	130
27	Childhood Obesity Is Associated with Shorter Leukocyte Telomere Length. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1500-1505.	3.6	127
28	Structural variation in two human genomes mapped at single-nucleotide resolution by whole genome de novo assembly. <i>Nature Biotechnology</i> , 2011, 29, 723-730.	17.5	113
29	Telomere length in circulating leukocytes is associated with lung function and disease. <i>European Respiratory Journal</i> , 2014, 43, 983-992.	6.7	103
30	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. <i>Science Advances</i> , 2019, 5, eaaw3095.	10.3	86
31	Human leukocyte telomere length is associated with DNA methylation levels in multiple subtelomeric and imprinted loci. <i>Scientific Reports</i> , 2014, 4, 4954.	3.3	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. <i>Clinica Chimica Acta</i> , 1991, 203, 23-34.	1.1	83
33	Replication of 13 obesity loci among Singaporean Chinese, Malay and Asian-Indian populations. <i>International Journal of Obesity</i> , 2012, 36, 159-163.	3.4	83
34	Association of Graves' disease with an allele of the interleukin-1 receptor antagonist gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995, 80, 111-115.	3.6	83
35	Leptin Binding Activity Changes with Age: The Link between Leptin and Puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 2336-2341.	3.6	78
36	Methylglyoxal modulates immune responses: relevance to diabetes. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1806-1815.	3.6	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. <i>PLoS ONE</i> , 2015, 10, e0131417.	2.5	72
38	Human genes involved in copy number variation: mechanisms of origin, functional effects and implications for disease. <i>Cytogenetic and Genome Research</i> , 2008, 123, 17-26.	1.1	67
39	Association between interleukin-1 receptor antagonist (IL-1ra) gene polymorphism and early and late-onset psoriasis. <i>British Journal of Dermatology</i> , 1997, 136, 147-148.	1.5	65
40	Genetic polymorphism of human interleukin-1 β . <i>European Journal of Immunology</i> , 1993, 23, 1240-1245.	2.9	64
41	A Rare Variant in the Visfatin Gene (<i>NAMPT/PBEF1</i>) Is Associated With Protection From Obesity. <i>Obesity</i> , 2009, 17, 1549-1553.	3.0	60
42	Is Obesity Our Genetic Legacy?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, s51-s56.	3.6	59
43	Leptin and leptin-binding activity in women with recurrent miscarriage: correlation with pregnancy outcome. <i>Human Reproduction</i> , 2001, 16, 2008-2013.	0.9	58
44	Imprinted expression of UBE3A in non-neuronal cells from a Prader-Willi syndrome patient with an atypical deletion. <i>Human Molecular Genetics</i> , 2014, 23, 2364-2373.	2.9	58
45	Small Deletion Variants Have Stable Breakpoints Commonly Associated with Alu Elements. <i>PLoS ONE</i> , 2008, 3, e3104.	2.5	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?. <i>Clinical and Experimental Immunology</i> , 2004, 138, 348-356.	2.6	47
47	Leptin Receptor Genotype at Gln223Arg is Associated With Body Composition, BMD, and Vertebral Fracture in Postmenopausal Danish Women. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 544-550.	2.8	45
48	cnvHap: an integrative population and haplotype-based multiplatform model of SNPs and CNVs. <i>Nature Methods</i> , 2010, 7, 541-546.	19.0	44
49	Investigation of Mendelian forms of obesity holds out the prospect of personalized medicine. <i>Annals of the New York Academy of Sciences</i> , 2010, 1214, 180-189.	3.8	43
50	An Allele of the Interleukin-1 Receptor Antagonist as a Genetic Severity Factor in Alopecia Areata. <i>Journal of Investigative Dermatology</i> , 1995, 104, 15-16.	0.7	42
51	Effect of vertical sleeve gastrectomy in melanocortin receptor 4-deficient rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E103-E110.	3.5	41
52	Relaxin polymorphisms associated with metabolic disturbance in patients treated with antipsychotics. <i>Journal of Psychopharmacology</i> , 2012, 26, 374-379.	4.0	38
53	A mechanistic role for leptin in human dendritic cell migration: differences between ileum and colon in health and Crohn's disease. <i>Mucosal Immunology</i> , 2013, 6, 751-761.	6.0	38
54	Transforming Growth Factor- β 1 SNPs: Genetic and Phenotypic Correlations in Progressive Kidney Insufficiency. <i>Nephron Experimental Nephrology</i> , 2005, 101, e31-e41.	2.2	37

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55	Novel association approach for variable number tandem repeats (VNTRs) identifies DOCK5 as a susceptibility gene for severe obesity. <i>Human Molecular Genetics</i> , 2012, 21, 3727-3738.	2.9	37
56	Expression of interleukin-11 receptor $\hat{\pm}$ and interleukin-11 protein in the endometrium of normal fertile women and women with recurrent miscarriage. <i>Journal of Reproductive Immunology</i> , 2004, 64, 145-155.	1.9	33
57	Rare Genomic Structural Variants in Complex Disease: Lessons from the Replication of Associations with Obesity. <i>PLoS ONE</i> , 2013, 8, e58048.	2.5	33
58	Inferring combined CNV/SNP haplotypes from genotype data. <i>Bioinformatics</i> , 2010, 26, 1437-1445.	4.1	31
59	25-Hydroxyvitamin D Concentration and Leukocyte Telomere Length in Young Adults: Findings From the Northern Finland Birth Cohort 1966. <i>American Journal of Epidemiology</i> , 2016, 183, 191-198.	3.4	30
60	The Power of the Extreme in Elucidating Obesity. <i>New England Journal of Medicine</i> , 2008, 359, 891-893.	27.0	29
61	Association study of serotonergic gene variants with antipsychotic-induced adverse reactions. <i>Psychiatric Genetics</i> , 2009, 19, 305-311.	1.1	28
62	Single nucleotide polymorphisms in the leptin receptor gene: studies in anorexia nervosa. <i>Psychiatric Genetics</i> , 2004, 14, 191-194.	1.1	24
63	Interleukin-1 receptor antagonist and interleukin-1 beta polymorphisms in women with recurrent miscarriage. <i>Fertility and Sterility</i> , 2005, 83, 1549-1552.	1.0	24
64	Are C-Reactive Protein Associated Genetic Variants Associated with Serum Levels and Retinal Markers of Microvascular Pathology in Asian Populations from Singapore?. <i>PLoS ONE</i> , 2013, 8, e67650.	2.5	23
65	Interleukin-1 receptor antagonist allele (IL1RN*2) associated with nephropathy in diabetes mellitus. <i>Human Genetics</i> , 1996, 97, 369-374.	3.8	23
66	Multiple Measures of Adiposity Are Associated with Mean Leukocyte Telomere Length in the Northern Finland Birth Cohort 1966. <i>PLoS ONE</i> , 2014, 9, e99133.	2.5	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. <i>Human Genetics</i> , 1991, 87, 425-8.	3.8	21
68	Apolipoprotein-E gene variants associated with cardiovascular risk factors in antipsychotic recipients. <i>European Psychiatry</i> , 2009, 24, 456-463.	0.2	21
69	Analysis with the exome array identifies multiple new independent variants in lipid loci. <i>Human Molecular Genetics</i> , 2016, 25, 4094-4106.	2.9	19
70	Chromosome 19p13.3 deletion in a patient with macrocephaly, obesity, mental retardation, and behavior problems. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 1192-1195.	1.2	18
71	Stability of Serum Interleukin-10 Levels During the Menstrual Cycle. <i>American Journal of Reproductive Immunology</i> , 1997, 38, 339-342.	1.2	17
72	The prognostic significance and relationship with body composition of CCR7-positive cells in colorectal cancer. <i>Journal of Surgical Oncology</i> , 2015, 112, 86-92.	1.7	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. <i>PLoS ONE</i> , 2013, 8, e80094.	2.5	13
74	A neurobiological pathway to smoking in adolescence: TTC12-ANKK1-DRD2 variants and reward response. <i>European Neuropsychopharmacology</i> , 2018, 28, 1103-1114.	0.7	12
75	Associations of Leukocyte Telomere Length With Aerobic and Muscular Fitness in Young Adults. <i>American Journal of Epidemiology</i> , 2017, 185, 529-537.	3.4	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. <i>The HUGO Journal</i> , 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. <i>Clinical Chemistry</i> , 2011, 57, 1188-1195.	3.2	10
78	famCNV: copy number variant association for quantitative traits in families. <i>Bioinformatics</i> , 2011, 27, 1873-1875.	4.1	10
79	Obesity, genetic risk, and environment. <i>BMJ, The</i> , 2014, 348, g1900-g1900.	6.0	10
80	Genetic Determinants of Leucocyte Telomere Length in Children: a Neglected and Challenging Field. <i>Paediatric and Perinatal Epidemiology</i> , 2015, 29, 146-150.	1.7	10
81	Heterogeneity for mutations in medium chain acylâ€“CoA dehydrogenase deficiency in the UK population. <i>Clinical Genetics</i> , 1991, 40, 283-286.	2.0	9
82	Gene-Targeted Analysis of Copy Number Variants Identifies 3 Novel Associations With Coronary Heart Disease Traits. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 555-560.	5.1	9
83	Body composition of the host influences dendritic cell phenotype in patients treated for colorectal cancer. <i>Tumor Biology</i> , 2016, 37, 11359-11364.	1.8	8
84	HGM 2010 Programme / Abstract. <i>The HUGO Journal</i> , 2010, 4, 1-190.	4.1	7
85	Investigation of the HIN200 Locus in UK SLE Families Identifies Novel Copy Number Variants. <i>Annals of Human Genetics</i> , 2011, 75, 383-397.	0.8	5
86	Relationship between BMI and emotion-handling capacity in an adult Finnish population: The Northern Finland Birth Cohort 1966. <i>PLoS ONE</i> , 2018, 13, e0203660.	2.5	4
87	Psoriasis and interleukin-1. A translation. <i>Journal of the Royal College of Physicians of London</i> , 1993, 27, 366.	0.2	4
88	Urinary Sodium Excretion Enhances the Effect of Alcohol on Blood Pressure. <i>Healthcare (Switzerland)</i> , 2022, 10, 1296.	2.0	3
89	Absence of <i>AVPR2</i> copy number variation in eunatremic and dysnatremic subjects in non-Hispanic Caucasian populations. <i>Physiological Genomics</i> , 2010, 40, 121-127.	2.3	2
90	Understanding MCAD deficiency: one cause of cot death. <i>Current Biology</i> , 1991, 1, 195-197.	3.9	1