

Alexandra I F Blakemore

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
87	Identification of seven loci affecting mean telomere length and their association with disease. <i>Nature Genetics</i> , 2013 , 45, 422-7, 427e1-2	36.3	624
86	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, 157-9	36.3	521
85	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	6.3	507
84	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	36.3	466
83	A new highly penetrant form of obesity due to deletions on chromosome 16p11.2. <i>Nature</i> , 2010 , 463, 671-5	50.4	403
82	FCGR3B copy number variation is associated with susceptibility to systemic, but not organ-specific, autoimmunity. <i>Nature Genetics</i> , 2007 , 39, 721-3	36.3	378
81	Mirror extreme BMI phenotypes associated with gene dosage at the chromosome 16p11.2 locus. <i>Nature</i> , 2011 , 478, 97-102	50.4	322
80	A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , 2012 , 44, 526-31	36.3	292
79	Copy number variation at 1q21.1 associated with neuroblastoma. <i>Nature</i> , 2009 , 459, 987-91	50.4	285
78	Interleukin-1 receptor antagonist gene polymorphism as a disease severity factor in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 1994 , 37, 1380-5		245
77	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2011 , 44, 187-92	36.3	244
76	Technologies for global health. <i>Lancet, The</i> , 2012 , 380, 507-35	40	238
75	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	36.3	232
74	A review of immune cells and molecules in women with recurrent miscarriage. <i>Human Reproduction Update</i> , 2003 , 9, 163-74	15.8	219
73	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, 3257-65	5.6	217
72	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, 2783-94	5.6	191

71	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016 , 48, 1151-1161	36.3	181
70	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, 233-6	6.3	154
69	Severity of alopecia areata is associated with a polymorphism in the interleukin-1 receptor antagonist gene. <i>Journal of Investigative Dermatology</i> , 1994 , 103, 387-90	4.3	140
68	Interleukin-1 receptor antagonist allele (IL1RN*2) associated with nephropathy in diabetes mellitus. <i>Human Genetics</i> , 1996 , 97, 369-74	6.3	135
67	Genetics of obesity and the prediction of risk for health. <i>Human Molecular Genetics</i> , 2006 , 15 Spec No 2, R124-30	5.6	125
66	Combined effects of MC4R and FTO common genetic variants on obesity in European general populations. <i>Journal of Molecular Medicine</i> , 2009 , 87, 537-46	5.5	122
65	Interleukin 1 receptor antagonist gene polymorphism association with lichen sclerosus. <i>Human Genetics</i> , 1994 , 94, 407-10	6.3	112
64	PDGFR β demarcates the cardiogenic clonogenic Sca1+ stem/progenitor cell in adult murine myocardium. <i>Nature Communications</i> , 2015 , 6, 6930	17.4	106
63	Childhood obesity is associated with shorter leukocyte telomere length. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 1500-5	5.6	104
62	Structural variation in two human genomes mapped at single-nucleotide resolution by whole genome de novo assembly. <i>Nature Biotechnology</i> , 2011 , 29, 723-30	44.5	99
61	Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012 , 44, 532-538	36.3	94
60	Telomere length in circulating leukocytes is associated with lung function and disease. <i>European Respiratory Journal</i> , 2014 , 43, 983-92	13.6	83
59	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	5.6	80
58	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	6.2	72
57	Replication of 13 obesity loci among Singaporean Chinese, Malay and Asian-Indian populations. <i>International Journal of Obesity</i> , 2012 , 36, 159-63	5.5	70
56	Leptin Binding Activity Changes with Age: The Link between Leptin and Puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 2336-2341	5.6	70
55	Genetic polymorphism of human interleukin-1 alpha. <i>European Journal of Immunology</i> , 1993 , 23, 1240-5	6.1	60
54	Human leukocyte telomere length is associated with DNA methylation levels in multiple subtelomeric and imprinted loci. <i>Scientific Reports</i> , 2014 , 4, 4954	4.9	55

53	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	1.9	53
52	A rare variant in the visfatin gene (NAMPT/PBEF1) is associated with protection from obesity. <i>Obesity</i> , 2009 , 17, 1549-53	8	52
51	Association between interleukin-1 receptor antagonist (IL-1ra) gene polymorphism and early and late-onset psoriasis. <i>British Journal of Dermatology</i> , 1997 , 136, 147-8	4	52
50	Leptin and leptin-binding activity in women with recurrent miscarriage: correlation with pregnancy outcome. <i>Human Reproduction</i> , 2001 , 16, 2008-13	5.7	51
49	Small deletion variants have stable breakpoints commonly associated with alu elements. <i>PLoS ONE</i> , 2008 , 3, e3104	3.7	49
48	Is obesity our genetic legacy?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, S51-6	5.6	47
47	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	3.7	46
46	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, 2364-73	5.6	44
45	Methylglyoxal modulates immune responses: relevance to diabetes. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 1806-15	5.6	44
44	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, 544-50	6.3	40
43	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. <i>Science Advances</i> , 2019 , 5, eaaw3095	14.3	39
42	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, 180-9	6.5	39
41	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, 348-56	6.2	39
40	An allele of the interleukin-1 receptor antagonist as a genetic severity factor in alopecia areata. <i>Journal of Investigative Dermatology</i> , 1995 , 104, 15S-16S	4.3	38
39	cnvHap: an integrative population and haplotype-based multiplatform model of SNPs and CNVs. <i>Nature Methods</i> , 2010 , 7, 541-6	21.6	37
38	Effect of vertical sleeve gastrectomy in melanocortin receptor 4-deficient rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E103-10	6	37
37	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, 751-61	9.2	33
36	Transforming growth factor-beta1 SNPs: genetic and phenotypic correlations in progressive kidney insufficiency. <i>Nephron Experimental Nephrology</i> , 2005 , 101, e31-41		31

35	Inferring combined CNV/SNP haplotypes from genotype data. <i>Bioinformatics</i> , 2010 , 26, 1437-45	7.2	29
34	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, 3727-38	5.6	29
33	Association study of serotonergic gene variants with antipsychotic-induced adverse reactions. <i>Psychiatric Genetics</i> , 2009 , 19, 305-11	2.9	27
32	Rare genomic structural variants in complex disease: lessons from the replication of associations with obesity. <i>PLoS ONE</i> , 2013 , 8, e58048	3.7	27
31	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, 191-8	3.8	25
30	Expression of interleukin-11 receptor alpha and interleukin-11 protein in the endometrium of normal fertile women and women with recurrent miscarriage. <i>Journal of Reproductive Immunology</i> , 2004 , 64, 145-55	4.2	25
29	The power of the extreme in elucidating obesity. <i>New England Journal of Medicine</i> , 2008 , 359, 891-3	59.2	24
28	Relaxin polymorphisms associated with metabolic disturbance in patients treated with antipsychotics. <i>Journal of Psychopharmacology</i> , 2012 , 26, 374-9	4.6	23
27	Interleukin-1 receptor antagonist and interleukin-1 beta polymorphisms in women with recurrent miscarriage. <i>Fertility and Sterility</i> , 2005 , 83, 1549-52	4.8	22
26	Single nucleotide polymorphisms in the leptin receptor gene: studies in anorexia nervosa. <i>Psychiatric Genetics</i> , 2004 , 14, 191-4	2.9	21
25	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	6.3	21
24	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	3.7	20
23	Interleukin-1 receptor antagonist allele (IL1RN*2) associated with nephropathy in diabetes mellitus 1996 , 97, 369		19
22	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	3.7	18
21	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 , 155A, 1192-5	2.5	16
20	Apolipoprotein-E gene variants associated with cardiovascular risk factors in antipsychotic recipients. <i>European Psychiatry</i> , 2009 , 24, 456-63	6	15
19	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	2.8	14
18	Analysis with the exome array identifies multiple new independent variants in lipid loci. <i>Human Molecular Genetics</i> , 2016 , 25, 4094-4106	5.6	14

17	Stability of serum interleukin-10 levels during the menstrual cycle. <i>American Journal of Reproductive Immunology</i> , 1997 , 38, 339-42	3.8	12
16	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	3.7	10
15	Genetic determinants of leucocyte telomere length in children: a neglected and challenging field. <i>Paediatric and Perinatal Epidemiology</i> , 2015 , 29, 146-50	2.7	9
14	famCNV: copy number variant association for quantitative traits in families. <i>Bioinformatics</i> , 2011 , 27, 1873-5	7.2	9
13	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		9
12	A neurobiological pathway to smoking in adolescence: TTC12-ANKK1-DRD2 variants and reward response. <i>European Neuropsychopharmacology</i> , 2018 , 28, 1103-1114	1.2	8
11	Accurate single-nucleotide polymorphism allele assignment in trisomic or duplicated regions by using a single base-extension assay with MALDI-TOF mass spectrometry. <i>Clinical Chemistry</i> , 2011 , 57, 1188-95	5.5	8
10	Associations of Leukocyte Telomere Length With Aerobic and Muscular Fitness in Young Adults. <i>American Journal of Epidemiology</i> , 2017 , 185, 529-537	3.8	7
9	Gene-targeted analysis of copy number variants identifies 3 novel associations with coronary heart disease traits. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 555-60		7
8	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		7
7	Heterogeneity for mutations in medium chain acyl-CoA dehydrogenase deficiency in the UK population. <i>Clinical Genetics</i> , 1991 , 40, 283-6	4	7
6	Body composition of the host influences dendritic cell phenotype in patients treated for colorectal cancer. <i>Tumor Biology</i> , 2016 , 37, 11359-64	2.9	5
5	Investigation of the HIN200 locus in UK SLE families identifies novel copy number variants. <i>Annals of Human Genetics</i> , 2011 , 75, 383-97	2.2	5
4	Psoriasis and interleukin-1. A translation. <i>Journal of the Royal College of Physicians of London</i> , 1993 , 27, 366		4
3	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	3.7	3
2	Absence of AVPR2 copy number variation in eunatremic and dysnatremic subjects in non-Hispanic Caucasian populations. <i>Physiological Genomics</i> , 2010 , 40, 121-7	3.6	2
1	Understanding MCAD deficiency: one cause of cot death. <i>Current Biology</i> , 1991 , 1, 195-7	6.3	1