

Cathryn M Lewis

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.

420
papers

47,719
citations

83
h-index

214
g-index

507
ext. papers

57,055
ext. citations

8.1
avg. IF

7.85
L-index

#	Paper	IF	Citations
420	Genome-wide association study of 14,000 cases of seven common diseases and 3,000 shared controls. <i>Nature</i> , 2007 , 447, 661-78	50.4	7801
419	A strong candidate for the breast and ovarian cancer susceptibility gene BRCA1. <i>Science</i> , 1994 , 266, 66-71	33.3	4991
418	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013 , 45, 984-94	36.3	1628
417	Localization of a breast cancer susceptibility gene, BRCA2, to chromosome 13q12-13. <i>Science</i> , 1994 , 265, 2088-90	33.3	1480
416	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018 , 50, 668-681	36.3	1301
415	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. <i>Nature Genetics</i> , 2013 , 45, 1150-9	36.3	1153
414	Association scan of 14,500 nonsynonymous SNPs in four diseases identifies autoimmunity variants. <i>Nature Genetics</i> , 2007 , 39, 1329-37	36.3	1130
413	Genome scan meta-analysis of schizophrenia and bipolar disorder, part II: Schizophrenia. <i>American Journal of Human Genetics</i> , 2003 , 73, 34-48	11	985
412	Association between insertion mutation in NOD2 gene and Crohn's disease in German and British populations. <i>Lancet, The</i> , 2001 , 357, 1925-8	40	940
411	Sequence variants in the autophagy gene IRGM and multiple other replicating loci contribute to Crohn's disease susceptibility. <i>Nature Genetics</i> , 2007 , 39, 830-2	36.3	933
410	A mega-analysis of genome-wide association studies for major depressive disorder. <i>Molecular Psychiatry</i> , 2013 , 18, 497-511	15.1	853
409	Suberoylanilide hydroxamic acid, a histone deacetylase inhibitor, ameliorates motor deficits in a mouse model of Huntington's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 2041-6	11.5	734
408	PRSice: Polygenic Risk Score software. <i>Bioinformatics</i> , 2015 , 31, 1466-8	7.2	724
407	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
406	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019 , 51, 793-803	36.3	662
405	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. <i>Nature Neuroscience</i> , 2019 , 22, 343-352	25.5	639
404	The contribution of NOD2 gene mutations to the risk and site of disease in inflammatory bowel disease. <i>Gastroenterology</i> , 2002 , 122, 867-74	13.3	597

403	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. <i>Nature Neuroscience</i> , 2015 , 18, 199-209	25.5	572
402	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , 2018 , 50, 524-537	36.3	536
401	Assignment of a locus for familial melanoma, MLM, to chromosome 9p13-p22. <i>Science</i> , 1992 , 258, 1148-52	33.3	456
400	Meta-analysis of the Association Between the Level of Cannabis Use and Risk of Psychosis. <i>Schizophrenia Bulletin</i> , 2016 , 42, 1262-9	1.3	414
399	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019 , 179, 1469-1482.e11	56.2	402
398	Genetic determinants of ulcerative colitis include the ECM1 locus and five loci implicated in Crohn's disease. <i>Nature Genetics</i> , 2008 , 40, 710-2	36.3	353
397	Genome scan meta-analysis of schizophrenia and bipolar disorder, part III: Bipolar disorder. <i>American Journal of Human Genetics</i> , 2003 , 73, 49-62	11	353
396	Genome-wide association study of major depressive disorder: new results, meta-analysis, and lessons learned. <i>Molecular Psychiatry</i> , 2012 , 17, 36-48	15.1	335
395	Genetic association studies: design, analysis and interpretation. <i>Briefings in Bioinformatics</i> , 2002 , 3, 146-53	5.4	335
394	Genome-wide association analyses identify new risk variants and the genetic architecture of amyotrophic lateral sclerosis. <i>Nature Genetics</i> , 2016 , 48, 1043-8	36.3	328
393	The contribution of cannabis use to variation in the incidence of psychotic disorder across Europe (EU-GEI): a multicentre case-control study. <i>Lancet Psychiatry</i> , 2019 , 6, 427-436	23.3	322
392	Environmental enrichment slows disease progression in R6/2 Huntington's disease mice. <i>Annals of Neurology</i> , 2002 , 51, 235-42	9.4	282
391	Genome-wide pharmacogenetics of antidepressant response in the GENDEP project. <i>American Journal of Psychiatry</i> , 2010 , 167, 555-64	11.9	280
390	Meta-analysis of the association of urbanicity with schizophrenia. <i>Schizophrenia Bulletin</i> , 2012 , 38, 1118-23	23	265
389	Adverse drug reactions to azathioprine therapy are associated with polymorphism in the gene encoding inosine triphosphate pyrophosphatase (ITPase). <i>Pharmacogenetics and Genomics</i> , 2004 , 14, 181-7		265
388	EULAR recommendations for terminology and research in individuals at risk of rheumatoid arthritis: report from the Study Group for Risk Factors for Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 638-41	2.4	263
387	A nonsynonymous SNP in ATG16L1 predisposes to ileal Crohn's disease and is independent of CARD15 and IBD5. <i>Gastroenterology</i> , 2007 , 132, 1665-71	13.3	239
386	Genome-wide association study of depression phenotypes in UK Biobank identifies variants in excitatory synaptic pathways. <i>Nature Communications</i> , 2018 , 9, 1470	17.4	226

385	A genome-wide association study of anorexia nervosa. <i>Molecular Psychiatry</i> , 2014 , 19, 1085-94	15.1	224
384	Fecundity of patients with schizophrenia, autism, bipolar disorder, depression, anorexia nervosa, or substance abuse vs their unaffected siblings. <i>JAMA Psychiatry</i> , 2013 , 70, 22-30	14.5	218
383	Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. <i>Nature Genetics</i> , 2018 , 50, 6-11	36.3	202
382	Meta-analysis of 32 genome-wide linkage studies of schizophrenia. <i>Molecular Psychiatry</i> , 2009 , 14, 774-85	15.1	202
381	Inflammatory bowel disease susceptibility loci defined by genome scan meta-analysis of 1952 affected relative pairs. <i>Human Molecular Genetics</i> , 2004 , 13, 763-70	5.6	198
380	Meta-analysis of genome scans of age-related macular degeneration. <i>Human Molecular Genetics</i> , 2005 , 14, 2257-64	5.6	197
379	Genome-wide association study of major recurrent depression in the U.K. population. <i>American Journal of Psychiatry</i> , 2010 , 167, 949-57	11.9	194
378	Polygenic risk scores: from research tools to clinical instruments. <i>Genome Medicine</i> , 2020 , 12, 44	14.4	190
377	Meta-analysis of genome searches. <i>Annals of Human Genetics</i> , 1999 , 63, 263-72	2.2	183
376	Common genetic variation and antidepressant efficacy in major depressive disorder: a meta-analysis of three genome-wide pharmacogenetic studies. <i>American Journal of Psychiatry</i> , 2013 , 170, 207-17	11.9	181
375	Genetic predictors of response to antidepressants in the GENDEP project. <i>Pharmacogenomics Journal</i> , 2009 , 9, 225-33	3.5	172
374	Chromosome 9p21 in sporadic amyotrophic lateral sclerosis in the UK and seven other countries: a genome-wide association study. <i>Lancet Neurology</i> , 2010 , 9, 986-94	24.1	171
373	The neuronal transporter gene SLC6A15 confers risk to major depression. <i>Neuron</i> , 2011 , 70, 252-65	13.9	161
372	IL23R variation determines susceptibility but not disease phenotype in inflammatory bowel disease. <i>Gastroenterology</i> , 2007 , 132, 1657-64	13.3	156
371	Investigation of Crohn's disease risk loci in ulcerative colitis further defines their molecular relationship. <i>Gastroenterology</i> , 2009 , 136, 523-9.e3	13.3	152
370	Contribution of common genetic variants to antidepressant response. <i>Biological Psychiatry</i> , 2013 , 73, 679-82	7.9	146
369	An additional k-means clustering step improves the biological features of WGCNA gene co-expression networks. <i>BMC Systems Biology</i> , 2017 , 11, 47	3.5	134
368	Genome scan meta-analysis of schizophrenia and bipolar disorder, part I: Methods and power analysis. <i>American Journal of Human Genetics</i> , 2003 , 73, 17-33	11	133

367	Meta-analysis of genome-wide linkage scans of attention deficit hyperactivity disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008 , 147B, 1392-8	3.5	131
366	Genome-wide Association for Major Depression Through Age at Onset Stratification: Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2017 , 81, 325-335	7.9	129
365	Meta-analysis of genome-wide scans provides evidence for sex- and site-specific regulation of bone mass. <i>Journal of Bone and Mineral Research</i> , 2007 , 22, 173-183	6.3	128
364	An Examination of Polygenic Score Risk Prediction in Individuals With First-Episode Psychosis. <i>Biological Psychiatry</i> , 2017 , 81, 470-477	7.9	126
363	Standardization and statistical approaches to therapeutic trials in the R6/2 mouse. <i>Brain Research Bulletin</i> , 2003 , 61, 469-79	3.9	125
362	Polygenic interactions with environmental adversity in the aetiology of major depressive disorder. <i>Psychological Medicine</i> , 2016 , 46, 759-70	6.9	125
361	Prospective evaluation of the pharmacogenetics of azathioprine in the treatment of inflammatory bowel disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2008 , 28, 973-83	6.1	124
360	Meta-analysis of genome-wide linkage studies in BMI and obesity. <i>Obesity</i> , 2007 , 15, 2263-75	8	122
359	Therapygenetics: the 5HTTLPR and response to psychological therapy. <i>Molecular Psychiatry</i> , 2012 , 17, 236-7	15.1	119
358	Cost-effectiveness of pharmacogenetic-guided treatment: are we there yet?. <i>Pharmacogenomics Journal</i> , 2017 , 17, 395-402	3.5	118
357	Penetrance for copy number variants associated with schizophrenia. <i>Human Molecular Genetics</i> , 2010 , 19, 3477-81	5.6	117
356	Introduction to genetic association studies. <i>Cold Spring Harbor Protocols</i> , 2012 , 2012, 297-306	1.2	113
355	Genetic Association of Major Depression With Atypical Features and Obesity-Related Immunometabolic Dysregulations. <i>JAMA Psychiatry</i> , 2017 , 74, 1214-1225	14.5	109
354	Pharmacogenetic variants in the DPYD, TYMS, CDA and MTHFR genes are clinically significant predictors of fluoropyrimidine toxicity. <i>British Journal of Cancer</i> , 2013 , 108, 2505-15	8.7	109
353	Combining clinical variables to optimize prediction of antidepressant treatment outcomes. <i>Journal of Psychiatric Research</i> , 2016 , 78, 94-102	5.2	106
352	The -174G allele of the interleukin-6 gene confers susceptibility to systemic arthritis in children: a multicenter study using simplex and multiplex juvenile idiopathic arthritis families. <i>Arthritis and Rheumatism</i> , 2003 , 48, 3202-6		104
351	GWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores. <i>American Journal of Psychiatry</i> , 2019 , 176, 651-660	11.9	103
350	Prospects for using risk scores in polygenic medicine. <i>Genome Medicine</i> , 2017 , 9, 96	14.4	103

349	Genetic evidence for interaction of the 5q31 cytokine locus and the CARD15 gene in Crohn disease. <i>American Journal of Human Genetics</i> , 2003 , 72, 1018-22	11	101
348	A multiobserver, population-based analysis of histologic dysplasia in melanocytic nevi. <i>Journal of the American Academy of Dermatology</i> , 1994 , 30, 707-14	4.5	99
347	Response to radiation therapy and prognosis in breast cancer patients with BRCA1 and BRCA2 mutations. <i>Radiotherapy and Oncology</i> , 1998 , 47, 129-36	5.3	96
346	A genome-wide association meta-analysis identifies a novel locus at 17q11.2 associated with sporadic amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2014 , 23, 2220-31	5.6	95
345	Genetic predictors of response to serotonergic and noradrenergic antidepressants in major depressive disorder: a genome-wide analysis of individual-level data and a meta-analysis. <i>PLoS Medicine</i> , 2012 , 9, e1001326	11.6	94
344	Correlation of SMN1 and SMN2 gene copy number with age of onset and survival in spinal muscular atrophy. <i>European Journal of Human Genetics</i> , 1998 , 6, 467-74	5.3	94
343	MicroRNAs 146a/b-5 and 425-3p and 24-3p are markers of antidepressant response and regulate MAPK/Wnt-system genes. <i>Nature Communications</i> , 2017 , 8, 15497	17.4	93
342	Genetics of inflammatory bowel disease: progress and prospects. <i>Human Molecular Genetics</i> , 2004 , 13 Spec No 1, R161-8	5.6	88
341	Genetic predictors of increase in suicidal ideation during antidepressant treatment in the GENDEP project. <i>Neuropsychopharmacology</i> , 2009 , 34, 2517-28	8.7	87
340	Incidence of multiple primary cancers in a cohort of women diagnosed with breast cancer in southeast England. <i>British Journal of Cancer</i> , 2001 , 84, 435-40	8.7	85
339	Polymorphisms in folate, pyrimidine, and purine metabolism are associated with efficacy and toxicity of methotrexate in psoriasis. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 1860-7	4.3	84
338	Genomewide association scan of suicidal thoughts and behaviour in major depression. <i>PLoS ONE</i> , 2011 , 6, e20690	3.7	83
337	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. <i>Nature Genetics</i> , 2021 , 53, 817-829	36.3	83
336	The risk of subsequent primary cancers after colorectal cancer in southeast England. <i>Gut</i> , 2002 , 50, 647-52.2		82
335	Using genetics to understand the causal influence of higher BMI on depression. <i>International Journal of Epidemiology</i> , 2019 , 48, 834-848	7.8	81
334	Minimal phenotyping yields genome-wide association signals of low specificity for major depression. <i>Nature Genetics</i> , 2020 , 52, 437-447	36.3	80
333	Comorbid medical illness in bipolar disorder. <i>British Journal of Psychiatry</i> , 2014 , 205, 465-72	5.4	80
332	Molecular characterization of CTNS deletions in nephropathic cystinosis: development of a PCR-based detection assay. <i>American Journal of Human Genetics</i> , 1999 , 65, 353-9	11	80

331	Independent and population-specific association of risk variants at the IRGM locus with Crohn's disease. <i>Human Molecular Genetics</i> , 2010 , 19, 1828-39	5.6	79
330	O3.1. ASSOCIATION OF EXTENT OF CANNABIS USE AND ACUTE INTOXICATION EXPERIENCES IN A MULTI-NATIONAL SAMPLE OF FIRST EPISODE PSYCHOSIS PATIENTS AND CONTROLS. <i>Schizophrenia Bulletin</i> , 2019 , 45, S165-S166	1.3	78
329	S126. THE RELATION OF THE PSYCHOSIS CONTINUUM WITH SCHIZOPHRENIA POLYGENIC RISK SCORE AND CANNABIS USE. <i>Schizophrenia Bulletin</i> , 2020 , 46, S83-S83	1.3	78
328	Genome-wide association study of increasing suicidal ideation during antidepressant treatment in the GENDEP project. <i>Pharmacogenomics Journal</i> , 2012 , 12, 68-77	3.5	76
327	Controlling misdiagnosis errors in preimplantation genetic diagnosis: a comprehensive model encompassing extrinsic and intrinsic sources of error. <i>Human Reproduction</i> , 2001 , 16, 43-50	5.7	75
326	Modelling the effects of penetrance and family size on rates of sporadic and familial disease. <i>Human Heredity</i> , 2011 , 71, 281-8	1.1	74
325	Genetic relationships between suicide attempts, suicidal ideation and major psychiatric disorders: a genome-wide association and polygenic scoring study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014 , 165B, 428-37	3.5	70
324	Expression quantitative trait loci in the developing human brain and their enrichment in neuropsychiatric disorders. <i>Genome Biology</i> , 2018 , 19, 194	18.3	69
323	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. <i>Biological Psychiatry</i> , 2017 , 82, 322-329	7.9	68
322	Relationship between p53 codon 72 polymorphism and susceptibility to sunburn and skin cancer. <i>Journal of Investigative Dermatology</i> , 2002 , 119, 84-90	4.3	68
321	A Genome-Wide Test of the Differential Susceptibility Hypothesis Reveals a Genetic Predictor of Differential Response to Psychological Treatments for Child Anxiety Disorders. <i>Psychotherapy and Psychosomatics</i> , 2016 , 85, 146-58	9.4	68
320	Genome-wide meta-analysis of cerebral white matter hyperintensities in patients with stroke. <i>Neurology</i> , 2016 , 86, 146-53	6.5	67
319	The protective effect of alcohol on developing rheumatoid arthritis: a systematic review and meta-analysis. <i>Rheumatology</i> , 2013 , 52, 856-67	3.9	67
318	Uncovering the Genetic Architecture of Major Depression. <i>Neuron</i> , 2019 , 102, 91-103	13.9	66
317	EPIBLASTER-fast exhaustive two-locus epistasis detection strategy using graphical processing units. <i>European Journal of Human Genetics</i> , 2011 , 19, 465-71	5.3	66
316	Novel pharmacogenetic markers for treatment outcome in azathioprine-treated inflammatory bowel disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2009 , 30, 375-84	6.1	66
315	Meta-analysis of four rheumatoid arthritis genome-wide linkage studies: confirmation of a susceptibility locus on chromosome 16. <i>Arthritis and Rheumatism</i> , 2003 , 48, 1200-6		66
314	Two families with familial amyotrophic lateral sclerosis are linked to a novel locus on chromosome 16q. <i>American Journal of Human Genetics</i> , 2003 , 73, 390-6	11	66

313	Genetics of Depression: Progress at Last. <i>Current Psychiatry Reports</i> , 2017 , 19, 43	9.1	65
312	Associations of allelic variants of the multidrug resistance gene (ABCB1 or MDR1) and inflammatory bowel disease and their effects on disease behavior: a case-control and meta-analysis study. <i>Inflammatory Bowel Diseases</i> , 2006 , 12, 263-71	4.5	65
311	Meta-analysis of 4 coronary heart disease genome-wide linkage studies confirms a susceptibility locus on chromosome 3q. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1863-8	9.4	65
310	A novel MMP12 locus is associated with large artery atherosclerotic stroke using a genome-wide age-at-onset informed approach. <i>PLoS Genetics</i> , 2014 , 10, e1004469	6	63
309	Tumor necrosis factor and its targets in the inflammatory cytokine pathway are identified as putative transcriptomic biomarkers for escitalopram response. <i>European Neuropsychopharmacology</i> , 2013 , 23, 1105-14	1.2	62
308	Association of DLG5 R30Q variant with inflammatory bowel disease. <i>European Journal of Human Genetics</i> , 2005 , 13, 835-9	5.3	61
307	Novel IL10 gene family associations with systemic juvenile idiopathic arthritis. <i>Arthritis Research and Therapy</i> , 2006 , 8, R148	5.7	60
306	Depressive disorder moderates the effect of the FTO gene on body mass index. <i>Molecular Psychiatry</i> , 2012 , 17, 604-11	15.1	59
305	A candidate gene analysis of three related photosensitivity disorders: cutaneous lupus erythematosus, polymorphic light eruption and actinic prurigo. <i>British Journal of Dermatology</i> , 2001 , 145, 229-36	4	59
304	Predicting outcomes following cognitive behaviour therapy in child anxiety disorders: the influence of genetic, demographic and clinical information. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2013 , 54, 1086-94	7.9	58
303	Pharmacogenetics of antidepressant response: A polygenic approach. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 75, 128-134	5.5	54
302	The correlation between reading and mathematics ability at age twelve has a substantial genetic component. <i>Nature Communications</i> , 2014 , 5, 4204	17.4	54
301	Methyl-CpG-binding protein 2 polymorphisms and vulnerability to autism. <i>Genes, Brain and Behavior</i> , 2008 , 7, 754-60	3.6	53
300	Allelic differences between Europeans and Chinese for CREB1 SNPs and their implications in gene expression regulation, hippocampal structure and function, and bipolar disorder susceptibility. <i>Molecular Psychiatry</i> , 2014 , 19, 452-61	15.1	52
299	Predicting treatment response in psoriasis using serum levels of adalimumab and etanercept: a single-centre, cohort study. <i>British Journal of Dermatology</i> , 2013 , 169, 306-13	4	52
298	Genetic variation at 16q24.2 is associated with small vessel stroke. <i>Annals of Neurology</i> , 2017 , 81, 383-394	9.4	51
297	ACPA-positive and ACPA-negative rheumatoid arthritis differ in their requirements for combination DMARDs and corticosteroids: secondary analysis of a randomized controlled trial. <i>Arthritis Research and Therapy</i> , 2014 , 16, R13	5.7	51
296	The genetics of affective disorder and suicide. <i>European Psychiatry</i> , 2010 , 25, 275-7	6	51

295	Meta-analysis of linkage studies for Alzheimer's disease--a web resource. <i>Neurobiology of Aging</i> , 2009 , 30, 1037-47	5.6	51
294	Comprehensive association study of genetic variants in the IL-1 gene family in systemic juvenile idiopathic arthritis. <i>Genes and Immunity</i> , 2008 , 9, 349-57	4.4	51
293	From SNPs to genes: disease association at the gene level. <i>PLoS ONE</i> , 2011 , 6, e20133	3.7	50
292	Genetic determinants of the thiopurine methyltransferase intermediate activity phenotype in British Asians and Caucasians. <i>Pharmacogenetics and Genomics</i> , 2003 , 13, 97-105		50
291	Localization of the 9p melanoma susceptibility locus (MLM) to a 2-cM region between D9S736 and D9S171. <i>Genomics</i> , 1994 , 23, 265-8	4.3	50
290	COMT but not serotonin-related genes modulates the influence of childhood abuse on anger traits. <i>Genes, Brain and Behavior</i> , 2010 , 9, 193-202	3.6	49
289	Genetic effects influencing risk for major depressive disorder in China and Europe. <i>Translational Psychiatry</i> , 2017 , 7, e1074	8.6	48
288	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2018 , 84, 138-147	7.9	48
287	Relationship between obesity and the risk of clinically significant depression: Mendelian randomisation study. <i>British Journal of Psychiatry</i> , 2014 , 205, 24-8	5.4	48
286	Mutation in the ITPA gene predicts intolerance to azathioprine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004 , 23, 1393-7	1.4	48
285	Meta-analysis of genome-wide scans for hypertension and blood pressure in Caucasians shows evidence of susceptibility regions on chromosomes 2 and 3. <i>Human Molecular Genetics</i> , 2004 , 13, 2325-32	5.6	48
284	A common Fanconi anemia mutation in black populations of sub-Saharan Africa. <i>Blood</i> , 2005 , 105, 3542-4	4.2	48
283	Interobserver concordance in discriminating clinical atypia of melanocytic nevi, and correlations with histologic atypia. <i>Journal of the American Academy of Dermatology</i> , 1996 , 34, 618-25	4.5	48
282	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. <i>Molecular Psychiatry</i> , 2020 , 25, 1430-1446	15.1	47
281	Genetic risk score analysis indicates migraine with and without comorbid depression are genetically different disorders. <i>Human Genetics</i> , 2014 , 133, 173-86	6.3	47
280	Meta-analysis of genome-wide linkage studies of systemic lupus erythematosus. <i>Genes and Immunity</i> , 2006 , 7, 609-14	4.4	47
279	A bidirectional relationship between depression and the autoimmune disorders - New perspectives from the National Child Development Study. <i>PLoS ONE</i> , 2017 , 12, e0173015	3.7	46
278	A genetic risk score combining 32 SNPs is associated with body mass index and improves obesity prediction in people with major depressive disorder. <i>BMC Medicine</i> , 2015 , 13, 86	11.4	45

277	A genome-wide association study of a sustained pattern of antidepressant response. <i>Journal of Psychiatric Research</i> , 2013 , 47, 1157-65	5.2	45
276	Meta-analysis of 20 genome-wide linkage studies evidenced new regions linked to asthma and atopy. <i>European Journal of Human Genetics</i> , 2010 , 18, 700-6	5.3	44
275	Sex stratification of an inflammatory bowel disease genome search shows male-specific linkage to the HLA region of chromosome 6. <i>European Journal of Human Genetics</i> , 2002 , 10, 259-65	5.3	44
274	Mutation rates in humans. I. Overall and sex-specific rates obtained from a population study of hemophilia B. <i>American Journal of Human Genetics</i> , 1999 , 65, 1572-9	11	44
273	Pooled sequencing of 531 genes in inflammatory bowel disease identifies an associated rare variant in BTNL2 and implicates other immune related genes. <i>PLoS Genetics</i> , 2015 , 11, e1004955	6	43
272	Genetic modeling of abnormal photosensitivity in families with polymorphic light eruption and actinic prurigo. <i>Journal of Investigative Dermatology</i> , 2000 , 115, 471-6	4.3	43
271	Genome-wide gene-environment interaction in depression: A systematic evaluation of candidate genes: The childhood trauma working-group of PGC-MDD. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018 , 177, 40-49	3.5	43
270	Effect of cytochrome CYP2C19 metabolizing activity on antidepressant response and side effects: Meta-analysis of data from genome-wide association studies. <i>European Neuropsychopharmacology</i> , 2018 , 28, 945-954	1.2	43
269	Visual analysis of geocoded twin data puts nature and nurture on the map. <i>Molecular Psychiatry</i> , 2012 , 17, 867-74	15.1	42
268	Population-specific genetic associations with oesophageal squamous cell carcinoma in South Africa. <i>Carcinogenesis</i> , 2011 , 32, 1855-61	4.6	42
267	Multipoint linkage analysis of a candidate gene locus in rheumatoid arthritis demonstrates significant evidence of linkage and association with the corticotropin-releasing hormone genomic region. <i>Arthritis and Rheumatism</i> , 2000 , 43, 1673-8		42
266	Shared genetic contribution to Ischaemic Stroke and Alzheimer's Disease. <i>Annals of Neurology</i> , 2016 , 79, 739-747	9.4	42
265	Transdiagnostic dimensions of psychopathology at first episode psychosis: findings from the multinational EU-GEI study. <i>Psychological Medicine</i> , 2019 , 49, 1378-1391	6.9	42
264	Joint genome-wide association study of progressive supranuclear palsy identifies novel susceptibility loci and genetic correlation to neurodegenerative diseases. <i>Molecular Neurodegeneration</i> , 2018 , 13, 41	19	41
263	Direct or indirect association in a complex disease: the role of SLC22A4 and SLC22A5 functional variants in Crohn disease. <i>Human Mutation</i> , 2006 , 27, 778-85	4.7	41
262	Association of a Locus in the CAMTA1 Gene With Survival in Patients With Sporadic Amyotrophic Lateral Sclerosis. <i>JAMA Neurology</i> , 2016 , 73, 812-20	17.2	40
261	Genome-wide association analysis of copy number variation in recurrent depressive disorder. <i>Molecular Psychiatry</i> , 2013 , 18, 183-9	15.1	40
260	Predicting the risk of rheumatoid arthritis and its age of onset through modelling genetic risk variants with smoking. <i>PLoS Genetics</i> , 2013 , 9, e1003808	6	40

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33	Identifying Potential Causal Risk Factors for Self-Harm: A Polygenic Risk Scoring and Mendelian Randomisation Approach		1
32	What's in a diagnosis? A genetic decomposition of major depression		1
31	Pharmacogenetic testing through the direct-to-consumer genetic testing company 23andMe		1
30	Phenotypic Associations and Shared Genetic Etiology between Bipolar Disorder and Cardiometabolic Traits		1
29	Evaluation of Polygenic Prediction Methodology within a Reference-Standardized Framework		1
28	Transforming summary statistics from logistic regression to the liability scale: application to genetic and environmental risk scores		1
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