Xavier Estivill

List of Publications by Year in Descending Order

559 papers	47,531 citations	101 h-index	203 g-index
586 ext. papers	53,180 ext. citations	8.9 avg, IF	6.4 L-index

#	Paper	IF	Citations
559	Analysis of incidental findings in Qatar genome participants reveals novel functional variants in LMNA and DSP.. *Human Molecular Genetics*, **2022**,	5.6	1
558	Cell type-specific novel long non-coding RNA and circular RNA in the BLUEPRINT hematopoietic transcriptomes atlas. *Haematologica*, **2021**, 106, 2613-2623	6.6	5
557	Genetic evaluation of cardiomyopathies in Qatar identifies enrichment of pathogenic sarcomere gene variants and possible founder disease mutations in the Arabs. *Molecular Genetics & Genomic Medicine*, **2021**, 9, e1709	2.3	1
556	The alternative serotonin transporter promoter P2 impacts gene function in females with irritable bowel syndrome. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 8047-8061	5.6	1
555	Variability of multi-omics profiles in a population-based child cohort. *BMC Medicine*, **2021**, 19, 166	11.4	7
554	Shared genetic risk between eating disorder- and substance-use-related phenotypes: Evidence from genome-wide association studies. *Addiction Biology*, **2021**, 26, e12880	4.6	12
553	Efficient and flexible Integration of variant characteristics in rare variant association studies using integrated nested Laplace approximation. *PLoS Computational Biology*, **2021**, 17, e1007784	5	0
552	Common Genetic Variation And Age at Onset Of Anorexia Nervosa. *Biological Psychiatry Global Open Science*, **2021**,		3
551	Genome sequencing data analysis for rare disease gene discovery. *Briefings in Bioinformatics*, **2021**,	13.4	2
550	Actionable genomic variants in 6045 participants from the Qatar Genome Program. *Human Mutation*, **2021**, 42, 1584	4.7	5
549	In utero and childhood exposure to tobacco smoke and multi-layer molecular signatures in children. *BMC Medicine*, **2020**, 18, 243	11.4	6
548	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. *Science Advances*, **2019**, 5, eaaw3095	14.3	39
547	Associations Between Attention-Deficit/Hyperactivity Disorder and Various Eating Disorders: A Swedish Nationwide Population Study Using Multiple Genetically Informative Approaches. *Biological Psychiatry*, **2019**, 86, 577-586	7.9	24
546	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, **2019**, 51, 804-814	36.3	181
545	eDiVA-Classification and prioritization of pathogenic variants for clinical diagnostics. *Human Mutation*, **2019**, 40, 865-878	4.7	8
544	Biallelic loss-of-function LACC1/FAMIN Mutations Presenting as Rheumatoid Factor-Negative Polyarticular Juvenile Idiopathic Arthritis. *Scientific Reports*, **2019**, 9, 4579	4.9	14
543	Genome-wide association study in frontal fibrosing alopecia identifies four susceptibility loci including HLA-B*07:02. *Nature Communications*, **2019**, 10, 1150	17.4	55

542	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. *Nature Genetics*, **2019**, 51, 1207-1214	36.3	303
541	Allele balance bias identifies systematic genotyping errors and false disease associations. *Human Mutation*, **2019**, 40, 115-126	4.7	6
540	Genome-wide association study of offspring birth weight in 86 577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. *Human Molecular Genetics*, **2018**, 27, 742-756	5.6	98
539	Geolocalisation of athletes for out-of-competition drug testing: ethical considerations. Position statement by the WADA Ethics Panel. *British Journal of Sports Medicine*, **2018**, 52, 456-459	10.3	5
538	Circulating miRNAs, isomiRs and small RNA clusters in human plasma and breast milk. *PLoS ONE*, **2018**, 13, e0193527	3.7	32
537	miRTrace reveals the organismal origins of microRNA sequencing data. *Genome Biology*, **2018**, 19, 213	18.3	25
536	Human Early Life Exposome (HELIX) study: a European population-based exposome cohort. *BMJ Open*, **2018**, 8, e021311	3	88
535	Survey of 800+ data sets from human tissue and body fluid reveals xenomiRs are likely artifacts. *Rna*, **2017**, 23, 433-445	5.8	53
534	Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. *American Journal of Psychiatry*, **2017**, 174, 850-858	11.9	276
533	International Cooperation to Enable the Diagnosis of All Rare Genetic Diseases. *American Journal of Human Genetics*, **2017**, 100, 695-705	11	200
532	Genetic architecture distinguishes systemic juvenile idiopathic arthritis from other forms of juvenile idiopathic arthritis: clinical and therapeutic implications. *Annals of the Rheumatic Diseases*, **2017**, 76, 906-913	2.4	89
531	Signatures of positive selection reveal a universal role of chromatin modifiers as cancer driver genes. *Scientific Reports*, **2017**, 7, 13124	4.9	7
530	The acute effects of ultraviolet radiation on the blood transcriptome are independent of plasma 25OHD. *Environmental Research*, **2017**, 159, 239-248	7.9	9
529	Cribado ampliado de portadores en un programa de donaci□n de ovocitos: Implementaci□n de un nuevo test y resultados tras dos a□os de experiencia. *Medicina Reproductiva Y Embriología Clínica*, **2017**, 4, 113-121	0.1	
528	Exploration of large, rare copy number variants associated with psychiatric and neurodevelopmental disorders in individuals with anorexia nervosa. *Psychiatric Genetics*, **2017**, 27, 152-158	2.9	11
527	Detailed analysis of inversions predicted between two human genomes: errors, real polymorphisms, and their origin and population distribution. *Human Molecular Genetics*, **2017**, 26, 567-581	5.6	8
526	Contribution of the TTC21B gene to glomerular and cystic kidney diseases. *Nephrology Dialysis Transplantation*, **2017**, 32, 151-156	4.3	19
525	Smell-taste dysfunctions in extreme weight/eating conditions: analysis of hormonal and psychological interactions. *Endocrine*, **2016**, 51, 256-67	4	58

524	A genome-wide association meta-analysis of diarrhoeal disease in young children identifies FUT2 locus and provides plausible biological pathways. *Human Molecular Genetics*, **2016**, 25, 4127-4142	5.6	24
523	Heritability and Genome-Wide Association Analyses of Sleep Duration in Children: The EAGLE Consortium. *Sleep*, **2016**, 39, 1859-1869	1.1	22
522	Prenatal exposure to mixtures of xenoestrogens and genome-wide DNA methylation in human placenta. *Epigenomics*, **2016**, 8, 43-54	4.4	13
521	Specific small-RNA signatures in the amygdala at premotor and motor stages of Parkinson's disease revealed by deep sequencing analysis. *Bioinformatics*, **2016**, 32, 673-81	7.2	23
520	Targeting CAG repeat RNAs reduces Huntington's disease phenotype independently of huntingtin levels. *Journal of Clinical Investigation*, **2016**, 126, 4319-4330	15.9	43
519	NGS-Based Assay for the Identification of Individuals Carrying Recessive Genetic Mutations in Reproductive Medicine. *Human Mutation*, **2016**, 37, 516-23	4.7	33
518	Identification of Gene Mutations and Fusion Genes in Patients with Sézary Syndrome. *Journal of Investigative Dermatology*, **2016**, 136, 1490-1499	4.3	51
517	Tying malaria and microRNAs: from the biology to future diagnostic perspectives. *Malaria Journal*, **2016**, 15, 167	3.6	13
516	Genome-wide DNA methylation study in human placenta identifies novel loci associated with maternal smoking during pregnancy. *International Journal of Epidemiology*, **2016**, 45, 1644-1655	7.8	55
515	Genetic Characteristics of Rheumatic Patients Developing Inflammatory Skin Lesions Induced by Biologic Therapy. *Reumatología Clínica (English Edition)*, **2015**, 11, 126-127	0.1	
514	Missense mutations in TENM4, a regulator of axon guidance and central myelination, cause essential tremor. *Human Molecular Genetics*, **2015**, 24, 5677-86	5.6	83
513	Deregulation of key signaling pathways involved in oocyte maturation in FMR1 premutation carriers with Fragile X-associated primary ovarian insufficiency. *Gene*, **2015**, 571, 52-7	3.8	11
512	Non-coding recurrent mutations in chronic lymphocytic leukaemia. *Nature*, **2015**, 526, 519-24	50.4	565
511	Human genomics. Effect of predicted protein-truncating genetic variants on the human transcriptome. *Science*, **2015**, 348, 666-9	33.3	170
510	Switching to zebrafish neurobehavioral models: The obsessive-compulsive disorder paradigm. *European Journal of Pharmacology*, **2015**, 759, 142-50	5.3	11
509	Genetic variation and alternative splicing. *Nature Biotechnology*, **2015**, 33, 357-9	44.5	5
508	Mutations in DCHS1 cause mitral valve prolapse. *Nature*, **2015**, 525, 109-13	50.4	107
507	Circulating Betatrophin Levels Are Increased in Anorexia and Decreased in Morbidly Obese Women. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E1188-96	5.6	34

506	A novel common variant in DCST2 is associated with length in early life and height in adulthood. *Human Molecular Genetics*, **2015**, 24, 1155-68	5.6	77
505	Targeted next-generation sequencing in steroid-resistant nephrotic syndrome: mutations in multiple glomerular genes may influence disease severity. *European Journal of Human Genetics*, **2015**, 23, 1192-9	5.3	64
504	Genome-wide meta-analysis identifies multiple novel associations and ethnic heterogeneity of psoriasis susceptibility. *Nature Communications*, **2015**, 6, 6916	17.4	115
503	Towards a European consensus for reporting incidental findings during clinical NGS testing. *European Journal of Human Genetics*, **2015**, 23, 1601-6	5.3	69
502	HLA-DRB1*11 and variants of the MHC class II locus are strong risk factors for systemic juvenile idiopathic arthritis. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 15970-5	11.5	103
501	Genetic characteristics of rheumatic patients developing inflammatory skin lesions induced by biologic therapy. *Reumatología Clínica*, **2015**, 11, 126-7	0.9	
500	Rare variants in Amyloid precursor protein (APP) and Parkinson's disease. *European Journal of Human Genetics*, **2015**, 23, 1328-33	5.3	29
499	Activating mutations cluster in the "molecular brake" regions of protein kinases and do not associate with conserved or catalytic residues. *Human Mutation*, **2014**, 35, 318-28	4.7	16
498	Accurate molecular diagnosis of phenylketonuria and tetrahydrobiopterin-deficient hyperphenylalaninemias using high-throughput targeted sequencing. *European Journal of Human Genetics*, **2014**, 22, 528-34	5.3	29
497	Blood expression profiles of fragile X premutation carriers identify candidate genes involved in neurodegenerative and infertility phenotypes. *Neurobiology of Disease*, **2014**, 65, 43-54	7.5	18
496	Diagnosis of autosomal dominant polycystic kidney disease using efficient PKD1 and PKD2 targeted next-generation sequencing. *Molecular Genetics & Genomic Medicine*, **2014**, 2, 412-21	2.3	57
495	Prenatal exposure to mixtures of xenoestrogens and repetitive element DNA methylation changes in human placenta. *Environment International*, **2014**, 71, 81-7	12.9	41
494	Relationship between genome and epigenome--challenges and requirements for future research. *BMC Genomics*, **2014**, 15, 487	4.5	21
493	Evidence for the biogenesis of more than 1,000 novel human microRNAs. *Genome Biology*, **2014**, 15, R57	18.3	181
492	A genome-wide association study of anorexia nervosa. *Molecular Psychiatry*, **2014**, 19, 1085-94	15.1	224
491	Genome-wide analysis of single nucleotide polymorphisms and copy number variants in fibromyalgia suggest a role for the central nervous system. *Pain*, **2014**, 155, 1102-1109	8	42
490	ALDH5A1 variability in opioid dependent patients could influence response to methadone treatment. *European Neuropsychopharmacology*, **2014**, 24, 420-4	1.2	8
489	Association of irisin with fat mass, resting energy expenditure, and daily activity in conditions of extreme body mass index. *International Journal of Endocrinology*, **2014**, 2014, 857270	2.7	117

488	The human early-life exposome (HELIX): project rationale and design. *Environmental Health Perspectives*, **2014**, 122, 535-44	8.4	219
487	Validation and genotyping of multiple human polymorphic inversions mediated by inverted repeats reveals a high degree of recurrence. *PLoS Genetics*, **2014**, 10, e1004208	6	23
486	Extensive sequence analysis of CFTR, SCNN1A, SCNN1B, SCNN1G and SERPINA1 suggests an oligogenic basis for cystic fibrosis-like phenotypes. *Clinical Genetics*, **2014**, 86, 91-5	4	14
485	MicroRNA expression profiling in blood from fragile X-associated tremor/ataxia syndrome patients. *Genes, Brain and Behavior*, **2013**, 12, 595-603	3.6	25
484	Worldwide population distribution of the common LCE3C-LCE3B deletion associated with psoriasis and other autoimmune disorders. *BMC Genomics*, **2013**, 14, 261	4.5	8
483	Genetic characterization of northeastern Italian population isolates in the context of broader European genetic diversity. *European Journal of Human Genetics*, **2013**, 21, 659-65	5.3	50
482	A highly expressed miR-101 isomiR is a functional silencing small RNA. *BMC Genomics*, **2013**, 14, 104	4.5	75
481	A common 56-kilobase deletion in a primate-specific segmental duplication creates a novel butyrophilin-like protein. *BMC Genetics*, **2013**, 14, 61	2.6	16
480	Reproducibility of high-throughput mRNA and small RNA sequencing across laboratories. *Nature Biotechnology*, **2013**, 31, 1015-22	44.5	187
479	Storage conditions and stability of global DNA methylation in placental tissue. *Epigenomics*, **2013**, 5, 341-8	4.4	29
478	Transcriptome and genome sequencing uncovers functional variation in humans. *Nature*, **2013**, 501, 506-11	50.4	1323
477	Interaction of SLC1A1 gene variants and life stress on pharmacological resistance in obsessive-compulsive disorder. *Pharmacogenomics Journal*, **2013**, 13, 470-5	3.5	11
476	The interaction between Comt and Bdnf variants influences obsessive-compulsive-related dysfunctional beliefs. *Journal of Anxiety Disorders*, **2013**, 27, 321-7	10.9	16
475	Screening for the presence of FMR1 premutation alleles in women with fibromyalgia. *Gene*, **2013**, 512, 305-8	3.8	11
474	Val66Met BDNF genotypes in melancholic depression: effects on brain structure and treatment outcome. *Depression and Anxiety*, **2013**, 30, 225-33	8.4	36
473	Upregulation of a small vault RNA (svtRNA2-1a) is an early event in Parkinson disease and induces neuronal dysfunction. *RNA Biology*, **2013**, 10, 1093-106	4.8	32
472	Next generation diagnostics of cystic fibrosis and CFTR-related disorders by targeted multiplex high-coverage resequencing of CFTR. *Journal of Medical Genetics*, **2013**, 50, 455-62	5.8	35
471	Sporadic and reversible chromothripsis in chronic lymphocytic leukemia revealed by longitudinal genomic analysis. *Leukemia*, **2013**, 27, 2376-9	10.7	26

470	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
469	The complex SNP and CNV genetic architecture of the increased risk of congenital heart defects in Down syndrome. *Genome Research*, **2013**, 23, 1410-21	9.7	48
468	PeSV-Fisher: identification of somatic and non-somatic structural variants using next generation sequencing data. *PLoS ONE*, **2013**, 8, e63377	3.7	16
467	Cluster analysis of clinical data identifies fibromyalgia subgroups. *PLoS ONE*, **2013**, 8, e74873	3.7	41
466	Small non-coding RNAs add complexity to the RNA pathogenic mechanisms in trinucleotide repeat expansion diseases. *Frontiers in Molecular Neuroscience*, **2013**, 6, 45	6.1	9
465	Association of neurexin 3 polymorphisms with smoking behavior. *Genes, Brain and Behavior*, **2012**, 11, 704-11	3.6	24
464	KLHL3 mutations cause familial hyperkalemic hypertension by impairing ion transport in the distal nephron. *Nature Genetics*, **2012**, 44, 456-60, S1-3	36.3	228
463	Variation in the BDNF Val66Met polymorphism and response to cognitive-behavior therapy in obsessive-compulsive disorder. *European Psychiatry*, **2012**, 27, 386-90	6	32
462	Genetic epistasis in female suicide attempters. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2012**, 38, 294-301	5.5	8
461	Influence of fetal glutathione S-transferase copy number variants on adverse reproductive outcomes. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2012**, 119, 1141-6	3.7	10
460	Aberrant brain microRNA target and miRISC gene expression in the anx/anx anorexia mouse model. *Gene*, **2012**, 497, 181-90	3.8	11
459	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. *Nature Genetics*, **2012**, 44, 1341-8	36.3	681
458	Fat mass and obesity-associated gene (FTO) in eating disorders: evidence for association of the rs9939609 obesity risk allele with bulimia nervosa and anorexia nervosa. *Obesity Facts*, **2012**, 5, 408-19	5.1	37
457	BLUEPRINT to decode the epigenetic signature written in blood. *Nature Biotechnology*, **2012**, 30, 224-6	44.5	261
456	Overexpression of the CHRNA5/A3/B4 genomic cluster in mice increases the sensitivity to nicotine and modifies its reinforcing effects. *Amino Acids*, **2012**, 43, 897-909	3.5	32
455	A pathogenic mechanism in HuntingtonM disease involves small CAG-repeated RNAs with neurotoxic activity. *PLoS Genetics*, **2012**, 8, e1002481	6	130
454	Association between the NMDA glutamate receptor GRIN2B gene and obsessive-compulsive disorder. *Journal of Psychiatry and Neuroscience*, **2012**, 37, 273-81	4.5	41
453	DNA hypomethylation at ALOX12 is associated with persistent wheezing in childhood. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 937-43	10.2	86

452	CYP2D6 polymorphism in patients with eating disorders. *Pharmacogenomics Journal*, **2012**, 12, 173-5	3.5	22
451	Common variants at 12q15 and 12q24 are associated with infant head circumference. *Nature Genetics*, **2012**, 44, 532-538	36.3	94
450	Exome sequencing identifies recurrent mutations of the splicing factor SF3B1 gene in chronic lymphocytic leukemia. *Nature Genetics*, **2011**, 44, 47-52	36.3	752
449	Human microRNAs miR-22, miR-138-2, miR-148a, and miR-488 are associated with panic disorder and regulate several anxiety candidate genes and related pathways. *Biological Psychiatry*, **2011**, 69, 526-33	7.9	142
448	Mirror extreme BMI phenotypes associated with gene dosage at the chromosome 16p11.2 locus. *Nature*, **2011**, 478, 97-102	50.4	322
447	D184E mutation in aquaporin-4 gene impairs water permeability and links to deafness. *Neuroscience*, **2011**, 197, 80-8	3.9	26
446	Genetic variants of the FADS gene cluster and ELOVL gene family, colostrums LC-PUFA levels, breastfeeding, and child cognition. *PLoS ONE*, **2011**, 6, e17181	3.7	94
445	DNA methylation in neurodegenerative disorders: a missing link between genome and environment?. *Clinical Genetics*, **2011**, 80, 1-14	4	38
444	Gene-environment interaction in anorexia nervosa: relevance of non-shared environment and the serotonin transporter gene. *Molecular Psychiatry*, **2011**, 16, 590-2	15.1	52
443	High risk of lifetime history of suicide attempts among CYP2D6 ultrarapid metabolizers with eating disorders. *Molecular Psychiatry*, **2011**, 16, 691-2	15.1	34
442	Variants in estrogen receptor alpha gene are associated with phenotypical expression of obsessive-compulsive disorder. *Psychoneuroendocrinology*, **2011**, 36, 473-83	5	35
441	Maternal C-reactive protein levels in pregnancy are associated with wheezing and lower respiratory tract infections in the offspring. *American Journal of Obstetrics and Gynecology*, **2011**, 204, 164.e1-9	6.4	22
440	Deletion of LCE3C and LCE3B is a susceptibility factor for psoriatic arthritis: a study in Spanish and Italian populations and meta-analysis. *Arthritis and Rheumatism*, **2011**, 63, 1860-5		27
439	Whole-genome sequencing identifies recurrent mutations in chronic lymphocytic leukaemia. *Nature* , **2011**, 475, 101-5	50.4	1206
438	MicroRNA profiling of Parkinson's disease brains identifies early downregulation of miR-34b/c which modulate mitochondrial function. *Human Molecular Genetics*, **2011**, 20, 3067-78	5.6	371
437	Meta-analysis confirms the LCE3C_LCE3B deletion as a risk factor for psoriasis in several ethnic groups and finds interaction with HLA-Cw6. *Journal of Investigative Dermatology*, **2011**, 131, 1105-9	4.3	79
436	ADRB2 Gly16Arg polymorphism, asthma control and lung function decline. *European Respiratory Journal*, **2011**, 38, 1029-35	13.6	18
435	A non-biased framework for the annotation and classification of the non-miRNA small RNA transcriptome. *Bioinformatics*, **2011**, 27, 3202-3	7.2	38

434	T□nicas de Reflexi□ Estrat□gica: Search Conference Momentum. *Profesional De La Informacion*, **2011**, 20, 71-77	3.7	
433	Resequencing and association analysis of arylalkylamine N-acetyltransferase (AANAT) gene and its contribution to major depression susceptibility. *Journal of Pineal Research*, **2010**, 49, 35-44	10.4	30
432	Characterization of a mouse model overexpressing beta-site APP-cleaving enzyme 2 reveals a new role for BACE2. *Genes, Brain and Behavior*, **2010**, 9, 160-72	3.6	19
431	A haplotype of glycogen synthase kinase 3□s associated with early onset of unipolar major depression. *Genes, Brain and Behavior*, **2010**, 9, 799-807	3.6	39
430	Design and evaluation of a panel of single-nucleotide polymorphisms in microRNA genomic regions for association studies in human disease. *European Journal of Human Genetics*, **2010**, 18, 218-26	5.3	29
429	Additional support for the association of SLITRK1 var321 and Tourette syndrome. *Molecular Psychiatry*, **2010**, 15, 447-50	15.1	53
428	Association of common copy number variants at the glutathione S-transferase genes and rare novel genomic changes with schizophrenia. *Molecular Psychiatry*, **2010**, 15, 1023-33	15.1	65
427	International network of cancer genome projects. *Nature*, **2010**, 464, 993-8	50.4	1613
426	A genome-wide association study identifies new psoriasis susceptibility loci and an interaction between HLA-C and ERAP1. *Nature Genetics*, **2010**, 42, 985-90	36.3	773
425	Positionally cloned genes and age-specific effects in asthma and atopy: an international population-based cohort study (ECRHS). *Thorax*, **2010**, 65, 124-31	7.3	20
424	Genetic variants and abnormal processing of pre-miR-182, a circadian clock modulator, in major depression patients with late insomnia. *Human Molecular Genetics*, **2010**, 19, 4017-25	5.6	133
423	SeqBuster, a bioinformatic tool for the processing and analysis of small RNAs datasets, reveals ubiquitous miRNA modifications in human embryonic cells. *Nucleic Acids Research*, **2010**, 38, e34	20.1	131
422	A myriad of miRNA variants in control and Huntington□s disease brain regions detected by massively parallel sequencing. *Nucleic Acids Research*, **2010**, 38, 7219-35	20.1	228
421	Deletion of Late Cornified Envelope 3B and 3C genes is not associated with atopic dermatitis. *Journal of Investigative Dermatology*, **2010**, 130, 2057-61	4.3	24
420	Replication of LCE3C-LCE3B CNV as a risk factor for psoriasis and analysis of interaction with other genetic risk factors. *Journal of Investigative Dermatology*, **2010**, 130, 979-84	4.3	52
419	Deletion of LCE3C and LCE3B genes at PSORS4 does not contribute to susceptibility to psoriatic arthritis in German patients. *Annals of the Rheumatic Diseases*, **2010**, 69, 876-8	2.4	30
418	Assessment of the neuropeptide S system in anxiety disorders. *Biological Psychiatry*, **2010**, 68, 474-83	7.9	70
417	Differential association of circadian genes with mood disorders: CRY1 and NPAS2 are associated with unipolar major depression and CLOCK and VIP with bipolar disorder. *Neuropsychopharmacology*, **2010**, 35, 1279-89	8.7	264

416	Response to methadone maintenance treatment is associated with the MYOCD and GRM6 genes. *Molecular Diagnosis and Therapy*, **2010**, 14, 171-8	4.5	25
415	Nucleotide variation in central nervous system genes among male suicide attempters. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2010**, 153B, 208-13	3.5	8
414	Independent contribution of common CFTR variants to chronic pancreatitis. *Pancreas*, **2010**, 39, 209-15	2.6	25
413	Correlation of BDNF blood levels with interoceptive awareness and maturity fears in anorexia and bulimia nervosa patients. *Journal of Neural Transmission*, **2010**, 117, 505-12	4.3	21
412	Association study of 44 candidate genes with depressive and anxiety symptoms in post-partum women. *Journal of Psychiatric Research*, **2010**, 44, 717-24	5.2	57
411	Role of the neurotrophin network in eating disorders subphenotypes: body mass index and age at onset of the disease. *Journal of Psychiatric Research*, **2010**, 44, 834-40	5.2	7
410	Comprehensive copy number variant (CNV) analysis of neuronal pathways genes in psychiatric disorders identifies rare variants within patients. *Journal of Psychiatric Research*, **2010**, 44, 971-8	5.2	60
409	Gene expression signatures in breast cancer distinguish phenotype characteristics, histologic subtypes, and tumor invasiveness. *Cancer*, **2010**, 116, 486-96	6.4	40
408	Variants at APOE influence risk of deep and lobar intracerebral hemorrhage. *Annals of Neurology*, **2010**, 68, 934-43	9.4	191
407	Deletion of the late cornified envelope genes, LCE3C and LCE3B, is associated with rheumatoid arthritis. *Arthritis and Rheumatism*, **2010**, 62, 1246-51		23
406	Overexpression of miR-128 specifically inhibits the truncated isoform of NTRK3 and upregulates BCL2 in SH-SY5Y neuroblastoma cells. *BMC Molecular Biology*, **2010**, 11, 95	4.5	67
405	Genetic structure of Europeans: a view from the North-East. *PLoS ONE*, **2009**, 4, e5472	3.7	237
404	Aneuploidy: from a physiological mechanism of variance to Down syndrome. *Physiological Reviews*, **2009**, 89, 887-920	47.9	86
403	GSTM1 polymorphisms modify the effect of maternal smoking during pregnancy on cognitive functioning in preschoolers. *International Journal of Epidemiology*, **2009**, 38, 690-7	7.8	23
402	Positive selection and gene conversion drive the evolution of a brain-expressed snoRNAs cluster. *Molecular Biology and Evolution*, **2009**, 26, 2563-71	8.3	4
401	Traffic-related air pollution, oxidative stress genes, and asthma (ECHRS). *Environmental Health Perspectives*, **2009**, 117, 1919-24	8.4	65
400	Association between leptin receptor (LEPR) and brain-derived neurotrophic factor (BDNF) gene variants and obesity: a case-control study. *Nutritional Neuroscience*, **2009**, 12, 183-8	3.6	12
399	Joint effect of obesity and TNFA variability on asthma: two international cohort studies. *European Respiratory Journal*, **2009**, 33, 1003-9	13.6	39

398	Absence of cytogenetic effects in children and adults with attention-deficit/hyperactivity disorder treated with methylphenidate. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2009**, 666, 44-9	3.3	12
397	Accounting for uncertainty when assessing association between copy number and disease: a latent class model. *BMC Bioinformatics*, **2009**, 10, 172	3.6	18
396	Identification of new putative susceptibility genes for several psychiatric disorders by association analysis of regulatory and non-synonymous SNPs of 306 genes involved in neurotransmission and neurodevelopment. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2009**, 150B, 808-16	3.5	79
395	Allele variants in functional MicroRNA target sites of the neurotrophin-3 receptor gene (NTRK3) as susceptibility factors for anxiety disorders. *Human Mutation*, **2009**, 30, 1062-71	4.7	70
394	A pooling-based genome-wide analysis identifies new potential candidate genes for atopy in the European Community Respiratory Health Survey (ECRHS). *BMC Medical Genetics*, **2009**, 10, 128	2.1	41
393	BAC array CGH in patients with Velocardiofacial syndrome-like features reveals genomic aberrations on chromosome region 1q21.1. *BMC Medical Genetics*, **2009**, 10, 144	2.1	27
392	Exploration of 19 serotoninergic candidate genes in adults and children with attention-deficit/hyperactivity disorder identifies association for 5HT2A, DDC and MAOB. *Molecular Psychiatry*, **2009**, 14, 71-85	15.1	125
391	Deletion of the late cornified envelope LCE3B and LCE3C genes as a susceptibility factor for psoriasis. *Nature Genetics*, **2009**, 41, 211-5	36.3	405
390	Are MYO1C and MYO1F associated with hearing loss?. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2009**, 1792, 27-32	6.9	24
389	A brain-derived neurotrophic factor haplotype is associated with therapeutic response in obsessive-compulsive disorder. *Biological Psychiatry*, **2009**, 66, 674-80	7.9	33
388	Case-control study of six genes asymmetrically expressed in the two cerebral hemispheres: association of BAIAP2 with attention-deficit/hyperactivity disorder. *Biological Psychiatry*, **2009**, 66, 926-34	7.9	49
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7	Cell type specific novel lincRNAs and circRNAs in the BLUEPRINT haematopoietic transcriptomes atlas		3
6	The 5-HT2A −1438G/A polymorphism in anorexia nervosa: a combined analysis of 316 trios from six European centres		6
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