Barbara Franke

List of Publications by Citations

510 papers	31,693 citations	86 h-index	162 g-index
570 ext. papers	38,759 ext. citations	7.1 avg, IF	6.5 L-index

#	Paper	IF	Citations
510	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. *Nature Genetics*, **2013**, 45, 984-94	36.3	1628
509	Large recurrent microdeletions associated with schizophrenia. *Nature*, **2008**, 455, 232-6	50.4	1427
508	Common variants conferring risk of schizophrenia. *Nature*, **2009**, 460, 744-7	50.4	1350
507	Genome-wide association study identifies 74 loci associated with educational attainment. *Nature*, **2016**, 533, 539-42	50.4	850
506	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. *Nature Genetics*, **2019**, 51, 63-75	36.3	826
505	Analysis of shared heritability in common disorders of the brain. *Science*, **2018**, 360,	33.3	666
504	Attention-deficit/hyperactivity disorder. *Nature Reviews Disease Primers*, **2015**, 1, 15020	51.1	618
503	Common genetic variants influence human subcortical brain structures. *Nature*, **2015**, 520, 224-9	50.4	601
502	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior*, **2014**, 8, 153-82	4.1	539
501	Many sequence variants affecting diversity of adult human height. *Nature Genetics*, **2008**, 40, 609-15	36.3	522
500	Identification of common variants associated with human hippocampal and intracranial volumes. *Nature Genetics*, **2012**, 44, 552-61	36.3	498
499	The analysis of 51 genes in DSM-IV combined type attention deficit hyperactivity disorder: association signals in DRD4, DAT1 and 16 other genes. *Molecular Psychiatry*, **2006**, 11, 934-53	15.1	439
498	Disruption of the neurexin 1 gene is associated with schizophrenia. *Human Molecular Genetics*, **2009**, 18, 988-96	5.6	376
497	Shared heritability of attention-deficit/hyperactivity disorder and autism spectrum disorder. *European Child and Adolescent Psychiatry*, **2010**, 19, 281-95	5.5	360
496	Meta-analysis of genome-wide association studies of attention-deficit/hyperactivity disorder. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2010**, 49, 884-97	7.2	357
495	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. *Lancet Psychiatry,the*, **2017**, 4, 310-319	23.3	354
494	Meta-analysis of the BDNF Val66Met polymorphism in major depressive disorder: effects of gender and ethnicity. *Molecular Psychiatry*, **2010**, 15, 260-71	15.1	341

493	Genome-wide association studies in ADHD. *Human Genetics*, **2009**, 126, 13-50	6.3	316
492	Genome-wide association scan of quantitative traits for attention deficit hyperactivity disorder identifies novel associations and confirms candidate gene associations. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1345-54	3.5	299
491	A review on cognitive and brain endophenotypes that may be common in autism spectrum disorder and attention-deficit/hyperactivity disorder and facilitate the search for pleiotropic genes. *Neuroscience and Biobehavioral Reviews*, **2011**, 35, 1363-96	9	281
490	Genome-wide copy number variation study associates metabotropic glutamate receptor gene networks with attention deficit hyperactivity disorder. *Nature Genetics*, **2011**, 44, 78-84	36.3	279
489	The genetics of attention deficit/hyperactivity disorder in adults, a review. *Molecular Psychiatry*, **2012**, 17, 960-87	15.1	246
488	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. *JAMA Psychiatry*, **2015**, 72, 642-50	14.5	222
487	Live fast, die young? A review on the developmental trajectories of ADHD across the lifespan. *European Neuropsychopharmacology*, **2018**, 28, 1059-1088	1.2	216
486	Emotional lability in children and adolescents with attention deficit/hyperactivity disorder (ADHD): clinical correlates and familial prevalence. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2010**, 51, 915-23	7.9	214
485	Genome-wide association scan of attention deficit hyperactivity disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1337-44	3.5	201
484	From estimating activation locality to predicting disorder: A review of pattern recognition for neuroimaging-based psychiatric diagnostics. *Neuroscience and Biobehavioral Reviews*, **2015**, 57, 328-49	9	197
483	Genome-wide analysis of copy number variants in attention deficit hyperactivity disorder: the role of rare variants and duplications at 15q13.3. *American Journal of Psychiatry*, **2012**, 169, 195-204	11.9	195
482	Copy number variations of chromosome 16p13.1 region associated with schizophrenia. *Molecular Psychiatry*, **2011**, 16, 17-25	15.1	194
481	NOD2 mediates anti-inflammatory signals induced by TLR2 ligands: implications for Crohn's disease. *European Journal of Immunology*, **2004**, 34, 2052-9	6.1	194
480	Correlation of rheumatoid arthritis severity with the genetic functional variants and circulating levels of macrophage migration inhibitory factor. *Arthritis and Rheumatism*, **2005**, 52, 3020-9		184
479	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E5154-E5163	11.5	182
478	Common variants at 12q14 and 12q24 are associated with hippocampal volume. *Nature Genetics*, **2012**, 44, 545-51	36.3	175
477	Novel genetic loci associated with hippocampal volume. *Nature Communications*, **2017**, 8, 13624	17.4	173
476	Novel association in chromosome 4q27 region with rheumatoid arthritis and confirmation of type 1 diabetes point to a general risk locus for autoimmune diseases. *American Journal of Human Genetics* , **2007**, 81, 1284-8	11	171

475	Molecular genetics of attention-deficit/hyperactivity disorder: an overview. *European Child and Adolescent Psychiatry*, **2010**, 19, 237-57	5.5	170
474	Aetiology of hypospadias: a systematic review of genes and environment. *Human Reproduction Update*, **2012**, 18, 260-83	15.8	166
473	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. *Nature Neuroscience*, **2016**, 19, 420-431	25.5	163
472	Joint analysis of psychiatric disorders increases accuracy of risk prediction for schizophrenia, bipolar disorder, and major depressive disorder. *American Journal of Human Genetics*, **2015**, 96, 283-94	11	161
471	Autism symptoms in Attention-Deficit/Hyperactivity Disorder: a familial trait which correlates with conduct, oppositional defiant, language and motor disorders. *Journal of Autism and Developmental Disorders*, **2009**, 39, 197-209	4.6	161
470	SUCLA2 mutations are associated with mild methylmalonic aciduria, Leigh-like encephalomyopathy, dystonia and deafness. *Brain*, **2007**, 130, 862-74	11.2	161
469	Integrated genome-wide association study findings: identification of a neurodevelopmental network for attention deficit hyperactivity disorder. *American Journal of Psychiatry*, **2011**, 168, 365-77	11.9	159
468	Common brain disorders are associated with heritable patterns of apparent aging of the brain. *Nature Neuroscience*, **2019**, 22, 1617-1623	25.5	157
467	The genetic architecture of the human cerebral cortex. *Science*, **2020**, 367,	33.3	156
466	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. *Translational Psychiatry*, **2020**, 10, 100	8.6	154
465	Dissociable effects of dopamine and serotonin on reversal learning. *Neuron*, **2013**, 80, 1090-100	13.9	149
464	Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nature Neuroscience*, **2016**, 19, 1569-1582	25.5	147
463	Mapping the Heterogeneous Phenotype of Schizophrenia and Bipolar Disorder Using Normative Models. *JAMA Psychiatry*, **2018**, 75, 1146-1155	14.5	147
462	Multicenter analysis of the SLC6A3/DAT1 VNTR haplotype in persistent ADHD suggests differential involvement of the gene in childhood and persistent ADHD. *Neuropsychopharmacology*, **2010**, 35, 656-64	8.7	144
461	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. *NeuroImage*, **2017**, 145, 389-408	7.9	142
460	Motor coordination problems in children and adolescents with ADHD rated by parents and teachers: effects of age and gender. *Journal of Neural Transmission*, **2008**, 115, 211-20	4.3	139
459	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. *Schizophrenia Bulletin*, **2015**, 41, 1133-42	1.3	136
458	Case-control genome-wide association study of attention-deficit/hyperactivity disorder. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2010**, 49, 906-20	7.2	131

457	Meta-analysis of genome-wide linkage scans of attention deficit hyperactivity disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1392-8	3.5	131
456	Gut microbiome in ADHD and its relation to neural reward anticipation. *PLoS ONE*, **2017**, 12, e0183509	3.7	130
455	The influence of serotonin- and other genes on impulsive behavioral aggression and cognitive impulsivity in children with attention-deficit/hyperactivity disorder (ADHD): Findings from a family-based association test (FBAT) analysis. *Behavioral and Brain Functions*, **2008**, 4, 48	4.1	127
454	Acute stress modulates genotype effects on amygdala processing in humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 9867-72	11.5	125
453	Striatal dopamine mediates the interface between motivational and cognitive control in humans: evidence from genetic imaging. *Neuropsychopharmacology*, **2010**, 35, 1943-51	8.7	123
452	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. *Behavior Genetics*, **2016**, 46, 170-82	3.2	122
451	Identification of Patients With Variants in TPMT and Dose Reduction Reduces Hematologic Events During Thiopurine Treatment of Inflammatory Bowel Disease. *Gastroenterology*, **2015**, 149, 907-17.e7	13.3	121
450	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. *American Journal of Psychiatry*, **2019**, 176, 531-542	11.9	120
449	Confirmation that a specific haplotype of the dopamine transporter gene is associated with combined-type ADHD. *American Journal of Psychiatry*, **2007**, 164, 674-7	11.9	115
448	The Toll-like receptor 4 Asp299Gly functional variant is associated with decreased rheumatoid arthritis disease susceptibility but does not influence disease severity and/or outcome. *Arthritis and Rheumatism*, **2004**, 50, 999-1001		114
447	DSM-IV combined type ADHD shows familial association with sibling trait scores: a sampling strategy for QTL linkage. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1450-60	3.5	113
446	Developmentally stable whole-brain volume reductions and developmentally sensitive caudate and putamen volume alterations in those with attention-deficit/hyperactivity disorder and their unaffected siblings. *JAMA Psychiatry*, **2015**, 72, 490-9	14.5	111
445	High loading of polygenic risk for ADHD in children with comorbid aggression. *American Journal of Psychiatry*, **2013**, 170, 909-16	11.9	110
444	Common and different genetic background for rheumatoid arthritis and coeliac disease. *Human Molecular Genetics*, **2009**, 18, 4195-203	5.6	109
443	The familial co-aggregation of ASD and ADHD: a register-based cohort study. *Molecular Psychiatry*, **2018**, 23, 257-262	15.1	108
442	Dopamine and serotonin transporter genotypes moderate sensitivity to maternal expressed emotion: the case of conduct and emotional problems in attention deficit/hyperactivity disorder. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2009**, 50, 1052-63	7.9	103
441	The NeuroIMAGE study: a prospective phenotypic, cognitive, genetic and MRI study in children with attention-deficit/hyperactivity disorder. Design and descriptives. *European Child and Adolescent Psychiatry*, **2015**, 24, 265-81	5.5	102
440	Genome-wide association uncovers shared genetic effects among personality traits and mood states. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2012**, 159B, 684-95	3.5	98

439	Conduct disorder. *Nature Reviews Disease Primers*, **2019**, 5, 43	51.1	96
438	BDNF Val66Met genotype modulates the effect of childhood adversity on subgenual anterior cingulate cortex volume in healthy subjects. *Molecular Psychiatry*, **2012**, 17, 597-603	15.1	96
437	Asymmetry within and around the human planum temporale is sexually dimorphic and influenced by genes involved in steroid hormone receptor activity. *Cortex*, **2015**, 62, 41-55	3.8	95
436	Sequence variants at CYP1A1-CYP1A2 and AHR associate with coffee consumption. *Human Molecular Genetics*, **2011**, 20, 2071-7	5.6	95
435	Substance use disorders in adolescents with attention deficit hyperactivity disorder: a 4-year follow-up study. *Addiction*, **2013**, 108, 1503-11	4.6	93
434	Conduct disorder and ADHD: evaluation of conduct problems as a categorical and quantitative trait in the international multicentre ADHD genetics study. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1369-78	3.5	93
433	A Genetic Investigation of Sex Bias in the Prevalence of Attention-Deficit/Hyperactivity Disorder. *Biological Psychiatry*, **2018**, 83, 1044-1053	7.9	93
432	Genome-wide association scan of the time to onset of attention deficit hyperactivity disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1355-8	3.5	92
431	The World Federation of ADHD International Consensus Statement: 208 Evidence-based conclusions about the disorder. *Neuroscience and Biobehavioral Reviews*, **2021**, 128, 789-818	9	92
430	Human cognitive flexibility depends on dopamine D2 receptor signaling. *Psychopharmacology*, **2011** , 218, 567-78	4.7	91
429	Molecular genetics of dyslexia: an overview. *Dyslexia*, **2013**, 19, 214-40	1.6	90
428	A theoretical molecular network for dyslexia: integrating available genetic findings. *Molecular Psychiatry*, **2011**, 16, 365-82	15.1	90
427	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. *Brain Imaging and Behavior*, **2017**, 11, 1497-1514	4.1	87
426	CSK regulatory polymorphism is associated with systemic lupus erythematosus and influences B-cell signaling and activation. *Nature Genetics*, **2012**, 44, 1227-30	36.3	87
425	Maternal myo-inositol, glucose, and zinc status is associated with the risk of offspring with spina bifida. *American Journal of Obstetrics and Gynecology*, **2003**, 189, 1713-9	6.4	87
424	Common variants in DGKK are strongly associated with risk of hypospadias. *Nature Genetics*, **2011**, 43, 48-50	36.3	86
423	Genetic variation in CACNA1C, a gene associated with bipolar disorder, influences brainstem rather than gray matter volume in healthy individuals. *Biological Psychiatry*, **2010**, 68, 586-8	7.9	84
422	Nitric oxide synthase genotype modulation of impulsivity and ventral striatal activity in adult ADHD patients and healthy comparison subjects. *American Journal of Psychiatry*, **2011**, 168, 1099-106	11.9	83

421	Cognitive heterogeneity in adult attention deficit/hyperactivity disorder: A systematic analysis of neuropsychological measurements. *European Neuropsychopharmacology*, **2015**, 25, 2062-2074	1.2	81
420	Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, **2019**, 51, 1624-1636	30.3	81
419	Serum brain-derived neurotrophic factor: determinants and relationship with depressive symptoms in a community population of middle-aged and elderly people. *World Journal of Biological Psychiatry*, **2012**, 13, 39-47	3.8	80
418	Brain alterations in adult ADHD: effects of gender, treatment and comorbid depression. *European Neuropsychopharmacology*, **2014**, 24, 397-409	1.2	79
417	Genome-wide association analysis of anti-TNF drug response in patients with rheumatoid arthritis. *Annals of the Rheumatic Diseases*, **2013**, 72, 1375-81	2.4	79
416	Differences in cerebral cortical anatomy of left- and right-handers. *Frontiers in Psychology*, **2014**, 5, 261	3.4	77
415	TYK2 protein-coding variants protect against rheumatoid arthritis and autoimmunity, with no evidence of major pleiotropic effects on non-autoimmune complex traits. *PLoS ONE*, **2015**, 10, e0122271	3.7	77
414	Autism spectrum disorders and autistic traits share genetics and biology. *Molecular Psychiatry*, **2018**, 23, 1205-1212	15.1	76
413	Genome-wide association study in German patients with attention deficit/hyperactivity disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2011**, 156B, 888-97	3.5	71
412	Does parental expressed emotion moderate genetic effects in ADHD? An exploration using a genome wide association scan. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1359-68	3.5	71
411	Impact of the ADHD-susceptibility gene CDH13 on development and function of brain networks. *European Neuropsychopharmacology*, **2013**, 23, 492-507	1.2	70
410	Exploration of scanning effects in multi-site structural MRI studies. *Journal of Neuroscience Methods*, **2014**, 230, 37-50	3	70
409	Association of the dopamine transporter (SLC6A3/DAT1) gene 9-6 haplotype with adult ADHD. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1576-9	3.5	70
408	Increased neural responses to reward in adolescents and young adults with attention-deficit/hyperactivity disorder and their unaffected siblings. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2015**, 54, 394-402	7.2	68
407	A 6-year follow-up of a large European cohort of children with attention-deficit/hyperactivity disorder-combined subtype: outcomes in late adolescence and young adulthood. *European Child and Adolescent Psychiatry*, **2016**, 25, 1007-17	5.5	68
406	HTR2C gene polymorphisms and the metabolic syndrome in patients with schizophrenia: a replication study. *Journal of Clinical Psychopharmacology*, **2009**, 29, 16-20	1.7	68
405	Common variant at 16p11.2 conferring risk of psychosis. *Molecular Psychiatry*, **2014**, 19, 108-14	15.1	67
404	The association between HTR2C gene polymorphisms and the metabolic syndrome in patients with schizophrenia. *Journal of Clinical Psychopharmacology*, **2007**, 27, 338-43	1.7	67

403	Genetic Overlap Between Attention-Deficit/Hyperactivity Disorder and Bipolar Disorder: Evidence From Genome-wide Association Study Meta-analysis. *Biological Psychiatry*, **2017**, 82, 634-641	7.9	66
402	Neuropsychological endophenotype approach to genome-wide linkage analysis identifies susceptibility loci for ADHD on 2q21.1 and 13q12.11. *American Journal of Human Genetics*, **2008**, 83, 99-105	11	65
401	Co-transmission of conduct problems with attention-deficit/hyperactivity disorder: familial evidence for a distinct disorder. *Journal of Neural Transmission*, **2008**, 115, 163-75	4.3	63
400	Candidate genetic pathways for attention-deficit/hyperactivity disorder (ADHD) show association to hyperactive/impulsive symptoms in children with ADHD. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2013**, 52, 1204-1212.e1	7.2	62
399	ADHD-associated dopamine transporter, latrophilin and neurofibromin share a dopamine-related locomotor signature in Drosophila. *Molecular Psychiatry*, **2016**, 21, 565-73	15.1	61
398	Prioritization and burden analysis of rare variants in 208 candidate genes suggest they do not play a major role in CAKUT. *Kidney International*, **2016**, 89, 476-86	9.9	61
397	Distinguishing Adolescents With ADHD From Their Unaffected Siblings and Healthy Comparison Subjects by Neural Activation Patterns During Response Inhibition. *American Journal of Psychiatry*, **2015**, 172, 674-83	11.9	60
396	Normal sexual dimorphism in the human basal ganglia. *Human Brain Mapping*, **2012**, 33, 1246-52	5.9	60
395	Glutamatergic and GABAergic gene sets in attention-deficit/hyperactivity disorder: association to overlapping traits in ADHD and autism. *Translational Psychiatry*, **2017**, 7, e999	8.6	59
394	The executive control network and symptomatic improvement in attention-deficit/hyperactivity disorder. *Cortex*, **2015**, 73, 62-72	3.8	59
393	Genetic Overlap Between Schizophrenia and Volumes of Hippocampus, Putamen, and Intracranial Volume Indicates Shared Molecular Genetic Mechanisms. *Schizophrenia Bulletin*, **2018**, 44, 854-864	1.3	59
392	The co-occurrence of autism spectrum disorder and attention-deficit/hyperactivity disorder symptoms in parents of children with ASD or ASD with ADHD. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2012**, 53, 954-63	7.9	59
391	Stimulant treatment for attention-deficit hyperactivity disorder and risk of developing substance use disorder. *British Journal of Psychiatry*, **2013**, 203, 112-9	5.4	59
390	The PTPN22 R263Q polymorphism is a risk factor for rheumatoid arthritis in Caucasian case-control samples. *Arthritis and Rheumatism*, **2011**, 63, 365-72		59
389	A high-density SNP linkage scan with 142 combined subtype ADHD sib pairs identifies linkage regions on chromosomes 9 and 16. *Molecular Psychiatry*, **2008**, 13, 514-21	15.1	59
388	Response to methylphenidate in adults with ADHD is associated with a polymorphism in SLC6A3 (DAT1). *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 201-8	3.5	59
387	Brain imaging genetics in ADHD and beyond - Mapping pathways from gene to disorder at different levels of complexity. *Neuroscience and Biobehavioral Reviews*, **2017**, 80, 115-155	9	58
386	Different mechanisms of white matter abnormalities in attention-deficit/hyperactivity disorder: a diffusion tensor imaging study. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2014**, 53, 790-9.e3	7.2	58

385	The hierarchical factor model of ADHD: invariant across age and national groupings?. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2012**, 53, 292-303	7.9	58
384	ADHD and poor motor performance from a family genetic perspective. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2009**, 48, 25-34	7.2	58
383	An association study of 45 folate-related genes in spina bifida: Involvement of cubilin (CUBN) and tRNA aspartic acid methyltransferase 1 (TRDMT1). *Birth Defects Research Part A: Clinical and Molecular Teratology*, **2009**, 85, 216-26		57
382	Changing ASD-ADHD symptom co-occurrence across the lifespan with adolescence as crucial time window: Illustrating the need to go beyond childhood. *Neuroscience and Biobehavioral Reviews*, **2016**, 71, 529-541	9	56
381	Behavioral consequences of aberrant alpha lateralization in attention-deficit/hyperactivity disorder. *Biological Psychiatry*, **2013**, 74, 227-33	7.9	56
380	ADHD is a risk factor for overweight and obesity in children. *Journal of Developmental and Behavioral Pediatrics*, **2013**, 34, 566-74	2.4	56
379	Association of variation in Fcgamma receptor 3B gene copy number with rheumatoid arthritis in Caucasian samples. *Annals of the Rheumatic Diseases*, **2010**, 69, 1711-6	2.4	56
378	The effect of moderate acute psychological stress on working memory-related neural activity is modulated by a genetic variation in catecholaminergic function in humans. *Frontiers in Integrative Neuroscience*, **2012**, 6, 16	3.2	55
377	Identification of novel dyslexia candidate genes through the analysis of a chromosomal deletion. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2009**, 150B, 140-7	3.5	55
376	A deletion encompassing Zic3 in bent tail, a mouse model for X-linked neural tube defects. *Human Molecular Genetics*, **2000**, 9, 1615-22	5.6	55
375	Dorsomedial Prefrontal Cortex Mediates the Impact of Serotonin Transporter Linked Polymorphic Region Genotype on Anticipatory Threat Reactions. *Biological Psychiatry*, **2015**, 78, 582-9	7.9	54
374	Altered neural connectivity during response inhibition in adolescents with attention-deficit/hyperactivity disorder and their unaffected siblings. *NeuroImage: Clinical*, **2015**, 7, 325-35	3.3	54
373	A common variant in DRD3 receptor is associated with autism spectrum disorder. *Biological Psychiatry*, **2009**, 65, 625-30	7.9	54
372	Allelic differences between Europeans and Chinese for CREB1 SNPs and their implications in gene expression regulation, hippocampal structure and function, and bipolar disorder susceptibility. *Molecular Psychiatry*, **2014**, 19, 452-61	15.1	52
371	Association of the Alzheimer's gene SORL1 with hippocampal volume in young, healthy adults. *American Journal of Psychiatry*, **2011**, 168, 1083-9	11.9	52
370	The role of the major histocompatibility complex region in cognition and brain structure: a schizophrenia GWAS follow-up. *American Journal of Psychiatry*, **2013**, 170, 877-85	11.9	51
369	Reduced serotonin transporter availability decreases prefrontal control of the amygdala. *Journal of Neuroscience*, **2013**, 33, 8974-9	6.6	51
368	Meta-analysis of brain-derived neurotrophic factor p.Val66Met in adult ADHD in four European populations. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2010**, 153B, 512-523	3.5	51

367	A review and analysis of the relationship between neuropsychological measures and DAT1 in ADHD. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1536-46	3.5	51
366	A genome-wide association study of rheumatoid arthritis without antibodies against citrullinated peptides. *Annals of the Rheumatic Diseases*, **2015**, 74, e15	2.4	49
365	Deviant white matter structure in adults with attention-deficit/hyperactivity disorder points to aberrant myelination and affects neuropsychological performance. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2015**, 63, 14-22	5.5	49
364	Case-control genome-wide association study of persistent attention-deficit hyperactivity disorder identifies FBXO33 as a novel susceptibility gene for the disorder. *Neuropsychopharmacology*, **2015**, 40, 915-26	8.7	49
363	Interaction between dopamine D2 receptor genotype and parental rule-setting in adolescent alcohol use: evidence for a gene-parenting interaction. *Molecular Psychiatry*, **2010**, 15, 727-35	15.1	49
362	AKAPs integrate genetic findings for autism spectrum disorders. *Translational Psychiatry*, **2013**, 3, e270	8.6	48
361	An international multicenter association study of the serotonin transporter gene in persistent ADHD. *Genes, Brain and Behavior*, **2010**, 9, 449-58	3.6	48
360	The functional variant of the inhibitory Fcgamma receptor IIb (CD32B) is associated with the rate of radiologic joint damage and dendritic cell function in rheumatoid arthritis. *Arthritis and Rheumatism* , **2006**, 54, 3828-37		48
359	Individual differences the average patient: mapping the heterogeneity in ADHD using normative models. *Psychological Medicine*, **2020**, 50, 314-323	6.9	48
358	White Matter Microstructural Alterations in Children with ADHD: Categorical and Dimensional Perspectives. *Neuropsychopharmacology*, **2017**, 42, 572-580	8.7	47
357	A variable-number-of-tandem-repeats polymorphism in the dopamine D4 receptor gene affects social adaptation of alcohol use: investigation of a gene-environment interaction. *Psychological Science*, **2010**, 21, 1064-8	7.9	47
356	Validation study of existing gene expression signatures for anti-TNF treatment in patients with rheumatoid arthritis. *PLoS ONE*, **2012**, 7, e33199	3.7	45
355	The brain-derived neurotrophic factor Val66Met polymorphism affects memory formation and retrieval of biologically salient stimuli. *NeuroImage*, **2010**, 50, 1212-8	7.9	45
354	The association between HTR2C polymorphisms and obesity in psychiatric patients using antipsychotics: a cross-sectional study. *Pharmacogenomics Journal*, **2007**, 7, 318-24	3.5	45
353	Genomewide scan identifies susceptibility locus for dyslexia on Xq27 in an extended Dutch family. *Journal of Medical Genetics*, **2004**, 41, 652-7	5.8	45
352	Sex modulates the interactive effect of the serotonin transporter gene polymorphism and childhood adversity on hippocampal volume. *Neuropsychopharmacology*, **2012**, 37, 1848-55	8.7	44
351	Polymorphisms in the dopamine transporter gene (SLC6A3/DAT1) and alcohol dependence in humans: a systematic review. *Pharmacogenomics*, **2009**, 10, 853-66	2.6	44
350	Neandertal Introgression Sheds Light on Modern Human Endocranial Globularity. *Current Biology*, **2019**, 29, 120-127.e5	6.3	44

349	Gut microbiota from persons with attention-deficit/hyperactivity disorder affects the brain in mice. *Microbiome*, **2020**, 8, 44	16.6	44
348	Undertreatment of Motor Problems in Children with ADHD. *Child and Adolescent Mental Health*, **2009**, 15, 85-90	2.2	43
347	Depressive symptom clusters are differentially associated with general and visceral obesity. *Journal of the American Geriatrics Society*, **2011**, 59, 67-72	5.6	42
346	Cannabis and cocaine decrease cognitive impulse control and functional corticostriatal connectivity in drug users with low activity DBH genotypes. *Brain Imaging and Behavior*, **2016**, 10, 1254-1263	4.1	41
345	CDH13 is associated with working memory performance in attention deficit/hyperactivity disorder. *Genes, Brain and Behavior*, **2011**, 10, 844-51	3.6	41
344	A serotonin transporter polymorphism (5-HTTLPR) predicts the development of adolescent alcohol use. *Drug and Alcohol Dependence*, **2010**, 112, 134-9	4.9	41
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