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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.

604
papers

49,835
citations

113
h-index

206
g-index

643
ext. papers

59,525
ext. citations

7.9
avg, IF

6.97
L-index

#	Paper	IF	Citations
604	Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , 2010 , 466, 707-13	50.4	2742
603	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010 , 42, 105-16	36.3	1673
602	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013 , 45, 984-94	36.3	1628
601	Genome-wide meta-analyses identify multiple loci associated with smoking behavior. <i>Nature Genetics</i> , 2010 , 42, 441-7	36.3	927
600	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
599	A mega-analysis of genome-wide association studies for major depressive disorder. <i>Molecular Psychiatry</i> , 2013 , 18, 497-511	15.1	853
598	Integrative approaches for large-scale transcriptome-wide association studies. <i>Nature Genetics</i> , 2016 , 48, 245-52	36.3	843
597	Loci influencing lipid levels and coronary heart disease risk in 16 European population cohorts. <i>Nature Genetics</i> , 2009 , 41, 47-55	36.3	708
596	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
595	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012 , 44, 991-1005	36.3	621
594	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012 , 44, 659-69	36.3	615
593	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016 , 48, 624-33	36.3	602
592	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
591	Variants in MTNR1B influence fasting glucose levels. <i>Nature Genetics</i> , 2009 , 41, 77-81	36.3	584
590	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014 , 8, 153-82	4.1	539
589	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012 , 44, 552-61	36.3	498
588	Effects of work stress on ambulatory blood pressure, heart rate, and heart rate variability. <i>Hypertension</i> , 2000 , 35, 880-6	8.5	473

587	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011 , 43, 1131-8	36.3	415
586	Meta-analysis of genome-wide association studies in >80 000 subjects identifies multiple loci for C-reactive protein levels. <i>Circulation</i> , 2011 , 123, 731-8	16.7	395
585	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018 , 50, 1412-1425	36.3	386
584	The heritability of general cognitive ability increases linearly from childhood to young adulthood. <i>Molecular Psychiatry</i> , 2010 , 15, 1112-20	15.1	379
583	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2010 , 42, 1077-85	36.3	372
582	Genomewide association studies: history, rationale, and prospects for psychiatric disorders. <i>American Journal of Psychiatry</i> , 2009 , 166, 540-56	11.9	355
581	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011 , 43, 1005-11	36.3	338
580	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
579	Netherlands Twin Register: From Twins to Twin Families. <i>Twin Research and Human Genetics</i> , 2006 , 9, 849-857	2.2	334
578	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011 , 480, 201-8	50.4	330
577	Genome-wide association for major depressive disorder: a possible role for the presynaptic protein piccolo. <i>Molecular Psychiatry</i> , 2009 , 14, 359-75	15.1	322
576	Common variants at 10 genomic loci influence hemoglobin A1C levels via glyceimic and nonglyceimic pathways. <i>Diabetes</i> , 2010 , 59, 3229-39	0.9	314
575	The association between brain volume and intelligence is of genetic origin. <i>Nature Neuroscience</i> , 2002 , 5, 83-4	25.5	306
574	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012 , 490, 267-72	50.4	304
573	Identification of IL6R and chromosome 11q13.5 as risk loci for asthma. <i>Lancet, The</i> , 2011 , 378, 1006-14	40	298
572	Meta-analysis of telomere length in 19,713 subjects reveals high heritability, stronger maternal inheritance and a paternal age effect. <i>European Journal of Human Genetics</i> , 2013 , 21, 1163-8	5.3	291
571	Regular exercise, anxiety, depression and personality: a population-based study. <i>Preventive Medicine</i> , 2006 , 42, 273-9	4.3	282
570	The anatomical and functional relationship between the P3 and autonomic components of the orienting response. <i>Psychophysiology</i> , 2011 , 48, 162-75	4.1	280

569	Meta-analysis of genome-wide association studies for personality. <i>Molecular Psychiatry</i> , 2012 , 17, 337-49	15.1	274
568	Association between major depressive disorder and heart rate variability in the Netherlands Study of Depression and Anxiety (NESDA). <i>Archives of General Psychiatry</i> , 2008 , 65, 1358-67		267
567	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252	52.4	266
566	Theory and practice in quantitative genetics. <i>Twin Research and Human Genetics</i> , 2003 , 6, 361-76		263
565	Heritability and genomics of gene expression in peripheral blood. <i>Nature Genetics</i> , 2014 , 46, 430-7	36.3	258
564	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017 , 49, 834-841	36.3	257
563	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012 , 492, 369-75	50.4	257
562	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012 , 44, 260-8	36.3	243
561	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
560	The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015 , 47, 589-97	36.3	229
559	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017 , 14, e1002383	11.6	223
558	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
557	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013 , 45, 621-31	36.3	219
556	Poor replication of candidate genes for major depressive disorder using genome-wide association data. <i>Molecular Psychiatry</i> , 2011 , 16, 516-32	15.1	219
555	Genome-wide association study identifies a single major locus contributing to survival into old age; the APOE locus revisited. <i>Aging Cell</i> , 2011 , 10, 686-98	9.9	218
554	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 7119-24	11.5	218
553	α-Amylase as a reliable and convenient measure of sympathetic activity: don't start salivating just yet!. <i>Psychoneuroendocrinology</i> , 2011 , 36, 449-53	5	217
552	Genetic contributions to human brain morphology and intelligence. <i>Journal of Neuroscience</i> , 2006 , 26, 10235-42	6.6	217

551	Testing causality in the association between regular exercise and symptoms of anxiety and depression. <i>Archives of General Psychiatry</i> , 2008 , 65, 897-905		211
550	Ambulatory measurement of respiratory sinus arrhythmia and respiration rate. <i>Biological Psychology</i> , 1995 , 41, 205-27	3.2	209
549	Depression is associated with decreased blood pressure, but antidepressant use increases the risk for hypertension. <i>Hypertension</i> , 2009 , 53, 631-8	8.5	202
548	Heritability of cortisol levels: review and simultaneous analysis of twin studies. <i>Psychoneuroendocrinology</i> , 2003 , 28, 121-37	5	202
547	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016 , 48, 1462-1472	36.3	198
546	Heritability of "small-world" networks in the brain: a graph theoretical analysis of resting-state EEG functional connectivity. <i>Human Brain Mapping</i> , 2008 , 29, 1368-78	5.9	194
545	Common variants in TMPRSS6 are associated with iron status and erythrocyte volume. <i>Nature Genetics</i> , 2009 , 41, 1173-5	36.3	189
544	Collaborative meta-analysis finds no evidence of a strong interaction between stress and 5-HTTLPR genotype contributing to the development of depression. <i>Molecular Psychiatry</i> , 2018 , 23, 133-142	15.1	188
543	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. <i>Human Molecular Genetics</i> , 2014 , 23, 4420-32	5.6	188
542	Population genetic differentiation of height and body mass index across Europe. <i>Nature Genetics</i> , 2015 , 47, 1357-62	36.3	186
541	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. <i>Nature Genetics</i> , 2010 , 42, 430-5	36.3	184
540	Netherlands Twin Register: a focus on longitudinal research. <i>Twin Research and Human Genetics</i> , 2002 , 5, 401-6		184
539	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814	36.3	181
538	Genetic influences on exercise participation in 37,051 twin pairs from seven countries. <i>PLoS ONE</i> , 2006 , 1, e22	3.7	178
537	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
536	Childhood intelligence is heritable, highly polygenic and associated with FBNP1L. <i>Molecular Psychiatry</i> , 2014 , 19, 253-8	15.1	171
535	Physical activity and cognitive function in a cross-section of younger and older community-dwelling individuals. <i>Health Psychology</i> , 2006 , 25, 678-687	5	170
534	The relationship between impulsive choice and impulsive action: a cross-species translational study. <i>PLoS ONE</i> , 2012 , 7, e36781	3.7	169

533	Innate secretory immunity in response to laboratory stressors that evoke distinct patterns of cardiac autonomic activity. <i>Psychosomatic Medicine</i> , 2003 , 65, 245-58	3.7	169
532	Increased sympathetic and decreased parasympathetic activity rather than changes in hypothalamic-pituitary-adrenal axis activity is associated with metabolic abnormalities. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 2458-66	5.6	167
531	Ambulatory monitoring of the impedance cardiogram. <i>Psychophysiology</i> , 1996 , 33, 184-93	4.1	165
530	Netherlands Twin Register: from twins to twin families. <i>Twin Research and Human Genetics</i> , 2006 , 9, 849-57	5.7	163
529	The Adult Netherlands Twin Register: twenty-five years of survey and biological data collection. <i>Twin Research and Human Genetics</i> , 2013 , 16, 271-81	2.2	162
528	Heritability of daytime ambulatory blood pressure in an extended twin design. <i>Hypertension</i> , 2005 , 45, 80-5	8.5	162
527	Joint analysis of psychiatric disorders increases accuracy of risk prediction for schizophrenia, bipolar disorder, and major depressive disorder. <i>American Journal of Human Genetics</i> , 2015 , 96, 283-94	11	161
526	Heritability of fractional anisotropy in human white matter: a comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , 2015 , 111, 300-11	7.9	159
525	Longitudinal evidence for unfavorable effects of antidepressants on heart rate variability. <i>Biological Psychiatry</i> , 2010 , 68, 861-8	7.9	159
524	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
523	Network analysis of resting state EEG in the developing young brain: structure comes with maturation. <i>Human Brain Mapping</i> , 2011 , 32, 413-25	5.9	156
522	Validity of (Ultra-)Short Recordings for Heart Rate Variability Measurements. <i>PLoS ONE</i> , 2015 , 10, e0138921	3.7	155
521	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018 , 103, 691-706	11	151
520	KLB is associated with alcohol drinking, and its gene product Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14372-14377	11.5	150
519	Stress and secretory immunity. <i>International Review of Neurobiology</i> , 2002 , 52, 213-53	4.4	150
518	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1129-40	27.4	149
517	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
516	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. <i>PLoS Medicine</i> , 2013 , 10, e1001474	11.6	144

515	Heritability of daytime cortisol levels in children. <i>Behavior Genetics</i> , 2003 , 33, 421-33	3.2	144
514	The Young Netherlands Twin Register (YNTR): longitudinal twin and family studies in over 70,000 children. <i>Twin Research and Human Genetics</i> , 2013 , 16, 252-67	2.2	141
513	Heritability of background EEG across the power spectrum. <i>Psychophysiology</i> , 2005 , 42, 691-7	4.1	139
512	A genome-wide association search for type 2 diabetes genes in African Americans. <i>PLoS ONE</i> , 2012 , 7, e29202	3.7	138
511	Association between anxiety disorders and heart rate variability in The Netherlands Study of Depression and Anxiety (NESDA). <i>Psychosomatic Medicine</i> , 2009 , 71, 508-18	3.7	138
510	Accounting for sequential trial effects in the flanker task: conflict adaptation or associative priming?. <i>Memory and Cognition</i> , 2006 , 34, 1260-72	2.2	137
509	A genome-wide association study of depressive symptoms. <i>Biological Psychiatry</i> , 2013 , 73, 667-78	7.9	135
508	Gene expression in major depressive disorder. <i>Molecular Psychiatry</i> , 2016 , 21, 339-47	15.1	133
507	Genome-wide association of major depression: description of samples for the GAIN Major Depressive Disorder Study: NTR and NESDA biobank projects. <i>European Journal of Human Genetics</i> , 2008 , 16, 335-42	5.3	131
506	Meta-analysis of genome-wide association data of bipolar disorder and major depressive disorder. <i>Molecular Psychiatry</i> , 2011 , 16, 2-4	15.1	130
505	Heritability of life satisfaction in adults: a twin-family study. <i>Psychological Medicine</i> , 2005 , 35, 1581-8	6.9	130
504	Are smarter brains running faster? Heritability of alpha peak frequency, IQ, and their interrelation. <i>Behavior Genetics</i> , 2001 , 31, 567-79	3.2	129
503	Genome-wide linkage scan for athlete status in 700 British female DZ twin pairs. <i>Twin Research and Human Genetics</i> , 2007 , 10, 812-20	2.2	127
502	Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels. <i>Nature Communications</i> , 2015 , 6, 7208	17.4	126
501	Comparison of time and frequency domain measures of RSA in ambulatory recordings. <i>Psychophysiology</i> , 2007 , 44, 203-15	4.1	124
500	Contribution of tonic vagal modulation of heart rate, central respiratory drive, respiratory depth, and respiratory frequency to respiratory sinus arrhythmia during mental stress and physical exercise. <i>Psychophysiology</i> , 2002 , 39, 427-436	4.1	122
499	Familial influences on basal salivary cortisol in an adult population. <i>Psychoneuroendocrinology</i> , 2005 , 30, 857-68	5	121
498	The Netherlands Twin Register biobank: a resource for genetic epidemiological studies. <i>Twin Research and Human Genetics</i> , 2010 , 13, 231-45	2.2	118

497	Growing trees in child brains: graph theoretical analysis of electroencephalography-derived minimum spanning tree in 5- and 7-year-old children reflects brain maturation. <i>Brain Connectivity</i> , 2013 , 3, 50-60	2.7	117
496	Event-related alpha and theta responses in a visuo-spatial working memory task. <i>Clinical Neurophysiology</i> , 2002 , 113, 1882-93	4.3	117
495	Interictal and postictal cognitive changes in migraine. <i>Cephalalgia</i> , 1999 , 19, 557-65; discussion 541	6.1	117
494	Genetic risk profiles for depression and anxiety in adult and elderly cohorts. <i>Molecular Psychiatry</i> , 2011 , 16, 773-83	15.1	116
493	Genome-wide association study of smoking initiation and current smoking. <i>American Journal of Human Genetics</i> , 2009 , 84, 367-79	11	116
492	Sports participation during adolescence: a shift from environmental to genetic factors. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 563-70	1.2	115
491	Heritability and Stability of Resting Blood Pressure. <i>Twin Research and Human Genetics</i> , 2005 , 8, 499-508	2.2	113
490	Estimating the genetic variance of major depressive disorder due to all single nucleotide polymorphisms. <i>Biological Psychiatry</i> , 2012 , 72, 707-9	7.9	112
489	Genome-wide association study (GWAS)-identified disease risk alleles do not compromise human longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18046-9	11.5	111
488	Population structure, migration, and diversifying selection in the Netherlands. <i>European Journal of Human Genetics</i> , 2013 , 21, 1277-85	5.3	107
487	Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. <i>Circulation</i> , 2013 , 128, 1310-24	16.7	107
486	The association between exercise participation and well-being: a co-twin study. <i>Preventive Medicine</i> , 2007 , 44, 148-52	4.3	107
485	Multivariate genome-wide analyses of the well-being spectrum. <i>Nature Genetics</i> , 2019 , 51, 445-451	36.3	107
484	Gene variants in the novel type 2 diabetes loci CDC123/CAMK1D, THADA, ADAMTS9, BCL11A, and MTNR1B affect different aspects of pancreatic beta-cell function. <i>Diabetes</i> , 2010 , 59, 293-301	0.9	106
483	Genome-wide association analysis identifies multiple loci related to resting heart rate. <i>Human Molecular Genetics</i> , 2010 , 19, 3885-94	5.6	106
482	A general enhancement of autonomic and cortisol responses during social evaluative threat. <i>Psychosomatic Medicine</i> , 2009 , 71, 877-85	3.7	106
481	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017 , 8, 14977	17.4	105
480	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103

479	Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. <i>Translational Psychiatry</i> , 2017 , 7, e1155	8.6	100
478	A common and functional mineralocorticoid receptor haplotype enhances optimism and protects against depression in females. <i>Translational Psychiatry</i> , 2011 , 1, e62	8.6	100
477	Perceptual speed and IQ are associated through common genetic factors. <i>Behavior Genetics</i> , 2001 , 31, 593-602	3.2	100
476	Low birth weight is associated with increased sympathetic activity: dependence on genetic factors. <i>Circulation</i> , 2003 , 108, 566-71	16.7	99
475	Sex differences in the human peripheral blood transcriptome. <i>BMC Genomics</i> , 2014 , 15, 33	4.5	97
474	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2015 , 44, 578-86	7.8	97
473	The Amsterdam Resting-State Questionnaire reveals multiple phenotypes of resting-state cognition. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 446	3.3	97
472	Genetic contributions to long-range temporal correlations in ongoing oscillations. <i>Journal of Neuroscience</i> , 2007 , 27, 13882-9	6.6	97
471	A genomewide scan for intelligence identifies quantitative trait loci on 2q and 6p. <i>American Journal of Human Genetics</i> , 2005 , 77, 318-26	11	96
470	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and mega-analytical approaches for data pooling. <i>NeuroImage</i> , 2014 , 95, 136-50	7.9	95
469	Multivariate genetic analysis of brain structure in an extended twin design. <i>Behavior Genetics</i> , 2000 , 30, 311-9	3.2	95
468	Genetic epidemiology of attention deficit hyperactivity disorder (ADHD index) in adults. <i>PLoS ONE</i> , 2010 , 5, e10621	3.7	94
467	Dysregulation of the autonomic nervous system predicts the development of the metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 2484-93	5.6	92
466	Genetic correlations between brain volumes and the WAIS-III dimensions of verbal comprehension, working memory, perceptual organization, and processing speed. <i>Twin Research and Human Genetics</i> , 2003 , 6, 131-9		92
465	Heritability of respiratory sinus arrhythmia: dependency on task and respiration rate. <i>Psychophysiology</i> , 1997 , 34, 317-28	4.1	91
464	A genomewide association study of nicotine and alcohol dependence in Australian and Dutch populations. <i>Twin Research and Human Genetics</i> , 2010 , 13, 10-29	2.2	90
463	Genome-wide association study of exercise behavior in Dutch and American adults. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 1887-95	1.2	89
462	Work stress and metabolic and hemostatic risk factors. <i>Psychosomatic Medicine</i> , 1999 , 61, 796-805	3.7	89

461	Conditional eQTL analysis reveals allelic heterogeneity of gene expression. <i>Human Molecular Genetics</i> , 2017 , 26, 1444-1451	5.6	87
460	Heritability of ambulatory heart rate variability. <i>Circulation</i> , 2004 , 110, 2792-6	16.7	87
459	Existing and training induced differences in aerobic fitness: their relationship to physiological response patterns during different types of stress. <i>Psychophysiology</i> , 1990 , 27, 457-78	4.1	87
458	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , 2017 ,	8.5	85
457	The genetics of coronary heart disease: the contribution of twin studies. <i>Twin Research and Human Genetics</i> , 2003 , 6, 432-41		85
456	Telomere length in circulating leukocytes is associated with lung function and disease. <i>European Respiratory Journal</i> , 2014 , 43, 983-92	13.6	83
455	The genetic association between personality and major depression or bipolar disorder. A polygenic score analysis using genome-wide association data. <i>Translational Psychiatry</i> , 2011 , 1, e50	8.6	83
454	Netherlands twin family study of anxious depression (NETSAD). <i>Twin Research and Human Genetics</i> , 2000 , 3, 323-34		83
453	The impact of stress systems and lifestyle on dyslipidemia and obesity in anxiety and depression. <i>Psychoneuroendocrinology</i> , 2013 , 38, 209-18	5	81
452	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	5.6	81
451	Harmonization of Neuroticism and Extraversion phenotypes across inventories and cohorts in the Genetics of Personality Consortium: an application of Item Response Theory. <i>Behavior Genetics</i> , 2014 , 44, 295-313	3.2	80
450	Inference of the genetic architecture underlying BMI and height with the use of 20,240 sibling pairs. <i>American Journal of Human Genetics</i> , 2013 , 93, 865-75	11	80
449	Differential effects of active versus passive coping on secretory immunity. <i>Psychophysiology</i> , 2001 , 38, 836-846	4.1	80
448	The brain matures with stronger functional connectivity and decreased randomness of its network. <i>PLoS ONE</i> , 2012 , 7, e36896	3.7	80
447	Age-related accrual of methylomic variability is linked to fundamental ageing mechanisms. <i>Genome Biology</i> , 2016 , 17, 191	18.3	80
446	Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , 2021 , 53, 156-165	36.3	80
445	Dysregulated physiological stress systems and accelerated cellular aging. <i>Neurobiology of Aging</i> , 2014 , 35, 1422-30	5.6	78
444	The relation between frontal EEG asymmetry and the risk for anxiety and depression. <i>Biological Psychology</i> , 2007 , 74, 26-33	3.2	77

443	Should heart rate variability be "corrected" for heart rate? Biological, quantitative, and interpretive considerations. <i>Psychophysiology</i> , 2019 , 56, e13287	4.1	77
442	Genetics of Cognition: Outline of a Collaborative Twin Study. <i>Twin Research and Human Genetics</i> , 2001 , 4, 48-56		75
441	Family based association analyses between the serotonin transporter gene polymorphism (5-HTTLPR) and neuroticism, anxiety and depression. <i>Behavior Genetics</i> , 2007 , 37, 294-301	3.2	74
440	Genetics of cognition: outline of a collaborative twin study. <i>Twin Research and Human Genetics</i> , 2001 , 4, 48-56		74
439	The genetic architecture of liver enzyme levels: GGT, ALT and AST. <i>Behavior Genetics</i> , 2013 , 43, 329-39	3.2	73
438	Endophenotypes in a dynamically connected brain. <i>Behavior Genetics</i> , 2010 , 40, 167-77	3.2	72
437	The ongoing adaptive evolution of ASPM and Microcephalin is not explained by increased intelligence. <i>Human Molecular Genetics</i> , 2007 , 16, 600-8	5.6	72
436	Large-scale ensemble averaging of ambulatory impedance cardiograms. <i>Behavior Research Methods</i> , 2003 , 35, 467-77		71
435	Effect of Smoking on Blood Pressure and Resting Heart Rate: A Mendelian Randomization Meta-Analysis in the CARTA Consortium. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 832-41		70
434	The 2017 Dutch Physical Activity Guidelines. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 58	8.4	70
433	Meta-analysis of genome-wide association for migraine in six population-based European cohorts. <i>European Journal of Human Genetics</i> , 2011 , 19, 901-7	5.3	70
432	Effect of shared environmental factors on exercise behavior from age 7 to 12 years. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 2025-32	1.2	70
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430	Job strain in relation to ambulatory blood pressure, heart rate, and heart rate variability among female nurses. <i>Scandinavian Journal of Work, Environment and Health</i> , 2004 , 30, 477-85	4.3	70
429	A Genome-Wide Association Study of IVGTT-Based Measures of First-Phase Insulin Secretion Refines the Underlying Physiology of Type 2 Diabetes Variants. <i>Diabetes</i> , 2017 , 66, 2296-2309	0.9	69
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417	Scale-free modulation of resting-state neuronal oscillations reflects prolonged brain maturation in humans. <i>Journal of Neuroscience</i> , 2011 , 31, 13128-36	6.6	62
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413	Heritability of metabolic syndrome traits in a large population-based sample. <i>Journal of Lipid Research</i> , 2013 , 54, 2914-23	6.3	60
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410	Sex differences in genetic architecture of complex phenotypes?. <i>PLoS ONE</i> , 2012 , 7, e47371	3.7	59
409	Meta-analysis of twin studies highlights the importance of genetic variation in primary school educational achievement. <i>Trends in Neuroscience and Education</i> , 2015 , 4, 69-76	3.7	58
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