

Heritability in the genomics era “ concepts and misco

Nature Reviews Genetics

9, 255-266

DOI: 10.1038/nrg2322

Citation Report

#	ARTICLE	IF	CITATIONS
1	A Classification of Sociomedical Health Indicators: Perspectives for Health Administrators and Health Planners. <i>International Journal of Health Services</i> , 1976, 6, 521-538.	1.2	14
2	Sex-specific genetic effects influence variation in body composition. <i>Diabetologia</i> , 2008, 51, 2233-2241.	2.9	116
3	Increasing Heritability of BMI and Stronger Associations With the FTO Gene Over Childhood. <i>Obesity</i> , 2008, 16, 2663-2668.	1.5	151
4	Sizing up human height variation. <i>Nature Genetics</i> , 2008, 40, 489-490.	9.4	634
5	The environmental contribution to gene expression profiles. <i>Nature Reviews Genetics</i> , 2008, 9, 575-581.	7.7	221
6	Sex-specific genetic architecture of human disease. <i>Nature Reviews Genetics</i> , 2008, 9, 911-922.	7.7	623
7	Metabolic syndrome: from epidemiology to systems biology. <i>Nature Reviews Genetics</i> , 2008, 9, 819-830.	7.7	289
8	Bridging the gap between the genotype and the phenotype: linking genetic variation, selection and adaptation in fishes. <i>Fish and Fisheries</i> , 2008, 9, 396-422.	2.7	79
9	Predicting Unobserved Phenotypes for Complex Traits from Whole-Genome SNP Data. <i>PLoS Genetics</i> , 2008, 4, e1000231.	1.5	175
10	Genomic determinants of the efficiency of internal ribosomal entry sites of viral and cellular origin. <i>Nucleic Acids Research</i> , 2008, 36, 6918-6925.	6.5	13
11	Serotonin and insulin signaling team up to control growth in <i>Drosophila</i> : Figure 1.. <i>Genes and Development</i> , 2008, 22, 1851-1855.	2.7	16
12	Repeated Measures of Intraocular Pressure Result in Higher Heritability and Greater Power in Genetic Linkage Studies. , 2009, 50, 5115.		29
13	Why Some Women Look Young for Their Age. <i>PLoS ONE</i> , 2009, 4, e8021.	1.1	178
14	Learning abilities and disabilities: Generalist genes in early adolescence. <i>Cognitive Neuropsychiatry</i> , 2009, 14, 312-331.	0.7	77
15	Beyond Heritability. <i>Current Directions in Psychological Science</i> , 2009, 18, 217-220.	2.8	122
16	Early Research on Human Genetics Using the Twin Method: Who Really Invented the Method?. <i>Twin Research and Human Genetics</i> , 2009, 12, 237-245.	0.3	11
17	Genetic influence on electrocardiogram time intervals and heart rate in aging mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H1907-H1913.	1.5	47
18	Reducing the bias of estimates of genotype by environment interactions in random regression sire models. <i>Genetics Selection Evolution</i> , 2009, 41, 30.	1.2	18

#	ARTICLE	IF	CITATIONS
19	Not really identical: Epigenetic differences in monozygotic twins and implications for twin studies in psychiatry. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2009, 151C, 136-141.	0.7	80
20	Quantifying the genetic component of phenotypic variation in unpedigreed wild plants: tailoring genomic scan for within-population use. Molecular Ecology, 2009, 18, 2602-2614.	2.0	32
21	Finding the missing heritability of complex diseases. Nature, 2009, 461, 747-753.	13.7	7,490
22	Mapping complex disease traits with global gene expression. Nature Reviews Genetics, 2009, 10, 184-194.	7.7	790
23	New insights into the aetiology of colorectal cancer from genome-wide association studies. Nature Reviews Genetics, 2009, 10, 353-358.	7.7	355
24	Genetics of human height. Economics and Human Biology, 2009, 7, 294-306.	0.7	134
25	Testicular gene expression in male mice divergent for fertility after heat stress. Theriogenology, 2009, 71, 651-661.	0.9	24
26	Evolutionary consequences of cryptic genetic variation. Trends in Ecology and Evolution, 2009, 24, 305-311.	4.2	125
27	Familial disease, the HLA-DRB1 shared epitope and anti-CCP antibodies influence time at appearance of substantial joint damage in rheumatoid arthritis. Journal of Autoimmunity, 2009, 32, 64-69.	3.0	56
28	The Coevolving Web of Life(American Society of Naturalists Presidential Address). American Naturalist, 2009, 173, 125-140.	1.0	138
29	Deciphering gene-environment interactions through mouse models of allergic asthma. Journal of Allergy and Clinical Immunology, 2009, 123, 14-23.	1.5	21
30	Inherited Variation in Gene Expression. Annual Review of Genomics and Human Genetics, 2009, 10, 313-332.	2.5	71
31	Genome-Wide Association Study in Humans. Methods in Molecular Biology, 2009, 573, 231-258.	0.4	23
33	Exploring the unknown: assumptions about allelic architecture and strategies for susceptibility variant discovery. Genome Medicine, 2009, 1, 66.	3.6	21
34	Genetic influence on human intelligence (Spearman's <i>g</i>): How much?. Annals of Human Biology, 2009, 36, 527-544.	0.4	51
35	Variability, Heritability and Environmental Determinants of Human Plasma N-Glycome. Journal of Proteome Research, 2009, 8, 694-701.	1.8	212
36	High-Throughput Glycome Analysis Is Set To Join High-Throughput Genomics. Journal of Proteome Research, 2009, 8, 1105-1105.	1.8	7
37	Potential etiologic and functional implications of genome-wide association loci for human diseases and traits. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9362-9367.	3.3	3,719

#	ARTICLE	IF	CITATIONS
38	DNA-based prediction of human externally visible characteristics in forensics: Motivations, scientific challenges, and ethical considerations. <i>Forensic Science International: Genetics</i> , 2009, 3, 154-161.	1.6	205
39	From genetics to genomics in plants and animals. <i>Genetika</i> , 2010, 42, 177-194.	0.1	2
40	Mutations in the bovine ABCG2 and the ovine MSTN gene added to the few quantitative trait nucleotides identified in farm animals: a mini-review. <i>Journal of Applied Genetics</i> , 2010, 51, 289-297.	1.0	8
41	Heritability of chronic venous disease. <i>Human Genetics</i> , 2010, 127, 669-674.	1.8	67
42	Response of Predatory Mites to a Herbivore-Induced Plant Volatile: Genetic Variation for Context-Dependent Behaviour. <i>Journal of Chemical Ecology</i> , 2010, 36, 680-688.	0.9	10
43	A Lesson From the Zuni Indians: Heritability in Perspective. <i>American Journal of Kidney Diseases</i> , 2010, 56, 251-254.	2.1	1
44	Extending and testing Tom Bouchard's Experience Producing Drive Theory. <i>Personality and Individual Differences</i> , 2010, 49, 296-301.	1.6	18
45	The GENes in Myopia (GEM) study in understanding the aetiology of refractive errors. <i>Progress in Retinal and Eye Research</i> , 2010, 29, 520-542.	7.3	75
46	Critical reasoning on causal inference in genome-wide linkage and association studies. <i>Trends in Genetics</i> , 2010, 26, 493-498.	2.9	59
47	ORIGINAL RESEARCH—ANATOMY/PHYSIOLOGY: Genetic and Environmental Influences on self-reported G-Spots in Women: A Twin Study. <i>Journal of Sexual Medicine</i> , 2010, 7, 1842-1852.	0.3	33
48	Evolutionary response of landraces to climate change in centers of crop diversity. <i>Evolutionary Applications</i> , 2010, 3, 480-493.	1.5	169
49	Heritability of serum iron measures in the hemochromatosis and iron overload screening (HEIRS) family study. <i>American Journal of Hematology</i> , 2010, 85, 101-105.	2.0	14
51	Linkage analysis of obesity phenotypes in pre- and post-menopausal women from a United States mid-western population. <i>BMC Medical Genetics</i> , 2010, 11, 156.	2.1	10
52	Repeatability for Gaussian and non-Gaussian data: a practical guide for biologists. <i>Biological Reviews</i> , 2010, 85, 935-956.	4.7	1,937
53	QUANTITATIVE GENETICS OF SHAPE IN CRICKET WINGS: DEVELOPMENTAL INTEGRATION IN A FUNCTIONAL STRUCTURE. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, no-no.	1.1	66
54	Horn type and horn length genes map to the same chromosomal region in Soay sheep. <i>Heredity</i> , 2010, 104, 196-205.	1.2	49
55	Epigenetics as a unifying principle in the aetiology of complex traits and diseases. <i>Nature</i> , 2010, 465, 721-727.	13.7	677
56	Amygdalar and hippocampal substrates of anxious temperament differ in their heritability. <i>Nature</i> , 2010, 466, 864-868.	13.7	190

#	ARTICLE	IF	CITATIONS
57	Common SNPs explain a large proportion of the heritability for human height. <i>Nature Genetics</i> , 2010, 42, 565-569.	9.4	3,888
58	Missing heritability and strategies for finding the underlying causes of complex disease. <i>Nature Reviews Genetics</i> , 2010, 11, 446-450.	7.7	1,511
59	New approaches to population stratification in genome-wide association studies. <i>Nature Reviews Genetics</i> , 2010, 11, 459-463.	7.7	1,047
60	Measuring selection in contemporary human populations. <i>Nature Reviews Genetics</i> , 2010, 11, 611-622.	7.7	179
61	Reconciling the analysis of IBD and IBS in complex trait studies. <i>Nature Reviews Genetics</i> , 2010, 11, 800-805.	7.7	295
62	Evolvability of between-year seed dormancy in populations along an aridity gradient. <i>Biological Journal of the Linnean Society</i> , 0, 100, 924-934.	0.7	26
63	Genetic variation of early height growth traits at the xeric limits of <i>Austrocedrus chilensis</i> (Cupressaceae). <i>Austral Ecology</i> , 2010, 35, 825-836.	0.7	11
64	Alternatives for analysis of performance data and ranking of Charolais x Nelore crossbred bulls in performance tests. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 1483-1490.	0.3	4
65	Joint influence of small-effect genetic variants on human longevity. <i>Aging</i> , 2010, 2, 612-620.	1.4	79
66	Robust relationship inference in genome-wide association studies. <i>Bioinformatics</i> , 2010, 26, 2867-2873.	1.8	2,328
67	Exploring Genetic and Environmental Influences on Miscarriage Rates: A Twin Study. <i>Twin Research and Human Genetics</i> , 2010, 13, 201-206.	0.3	4
68	Heritabilities of Ocular Biometrical Traits in Two Croatian Isolates with Extended Pedigrees. , 2010, 51, 737.		20
69	A Commentary on "Common SNPs Explain a Large Proportion of the Heritability for Human Height" by Yang et al. (2010). <i>Twin Research and Human Genetics</i> , 2010, 13, 517-524.	0.3	184
70	Ancestral paternal genotype controls body weight and food intake for multiple generations. <i>Human Molecular Genetics</i> , 2010, 19, 4134-4144.	1.4	67
71	Being More Realistic about the Public Health Impact of Genomic Medicine. <i>PLoS Medicine</i> , 2010, 7, e1000347.	3.9	44
72	Genetic Cardiovascular Risk Prediction. <i>Circulation</i> , 2010, 122, 2323-2334.	1.6	81
73	Genomewide Association Studies and Assessment of the Risk of Disease. <i>New England Journal of Medicine</i> , 2010, 363, 166-176.	13.9	1,344
74	From Galton to GWAS: quantitative genetics of human height. <i>Genetical Research</i> , 2010, 92, 371-379.	0.3	83

#	ARTICLE	IF	CITATIONS
75	Shared genetic aetiology between cognitive ability and cardiovascular disease risk factors: Generation Scotland's Scottish family health study. <i>Intelligence</i> , 2010, 38, 304-313.	1.6	29
76	Nature versus Nurture: Death of a Dogma, and the Road Ahead. <i>Neuron</i> , 2010, 68, 196-200.	3.8	31
77	Neurocognitive Phenotypes and Genetic Dissection of Disorders of Brain and Behavior. <i>Neuron</i> , 2010, 68, 218-230.	3.8	20
78	Complex genetic regulation of proteinglycosylation. <i>Molecular BioSystems</i> , 2010, 6, 329-335.	2.9	66
79	Implications of avoiding overlap between training and testing data sets when evaluating genomic predictions of genetic merit. <i>Journal of Dairy Science</i> , 2010, 93, 3320-3330.	1.4	30
80	The autoimmune tautology. <i>Arthritis Research and Therapy</i> , 2010, 12, 147.	1.6	79
81	Systems genetics: The added value of gene expression. <i>HFSP Journal</i> , 2010, 4, 6-10.	2.5	3
82	Heritability of reproductive fitness traits in a human population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1772-1778.	3.3	79
83	High Throughput Isolation and Glycosylation Analysis of IgGâ€“Variability and Heritability of the IgG Glycome in Three Isolated Human Populations. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.010090.	2.5	443
84	Genetics of Restless Legs Syndrome: Mendelian, Complex, and Everything in Between. <i>Sleep Medicine Clinics</i> , 2011, 6, 203-215.	1.2	12
85	Genome-wide association studies establish that human intelligence is highly heritable and polygenic. <i>Molecular Psychiatry</i> , 2011, 16, 996-1005.	4.1	571
86	Practical and Theoretical Considerations in Study Design for Detecting Gene-Gene Interactions Using MDR and GMDR Approaches. <i>PLoS ONE</i> , 2011, 6, e16981.	1.1	45
87	Genetics of Depression: An Overview of the Current Science. <i>Issues in Mental Health Nursing</i> , 2011, 32, 192-202.	0.6	16
88	The influence of geneâ€“environment interactions on alcohol consumption and alcohol use disorders: A comprehensive review. <i>Clinical Psychology Review</i> , 2011, 31, 800-816.	6.0	148
89	The environment and susceptibility to schizophrenia. <i>Progress in Neurobiology</i> , 2011, 93, 23-58.	2.8	539
90	Increase in the heritability of asthma from 1994 to 2003 among adolescent twins. <i>Respiratory Medicine</i> , 2011, 105, 1147-1152.	1.3	36
91	The Genetics of White Matter Lesions. <i>CNS Neuroscience and Therapeutics</i> , 2011, 17, 525-540.	1.9	45
92	Artrite reumatoide: uma visÃ£o atual. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2011, 47, 495-503.	0.3	22

#	ARTICLE	IF	CITATIONS
94	Unstable Maternal Environment, Separation Anxiety, and Heightened CO2 Sensitivity Induced by Gene-by-Environment Interplay. PLoS ONE, 2011, 6, e18637.	1.1	71
95	Impact of Changing Drug Treatment and Malaria Endemicity on the Heritability of Malaria Phenotypes in a Longitudinal Family-Based Cohort Study. PLoS ONE, 2011, 6, e26364.	1.1	2
96	Molecular Genetics and Economics. Journal of Economic Perspectives, 2011, 25, 57-82.	2.7	99
97	Genetic Architecture of Growth Traits Revealed by Global Epistatic Interactions. Genome Biology and Evolution, 2011, 3, 909-914.	1.1	10
98	Associations between sports participation, cardiorespiratory fitness, and adiposity in young adult twins. Journal of Applied Physiology, 2011, 110, 681-686.	1.2	31
99	High throughput analyses of epistasis for swine body dimensions and organ weights. Animal Genetics, 2011, 42, 15-21.	0.6	7
100	Therapy-related myeloid neoplasms: pathobiology and clinical characteristics. British Journal of Pharmacology, 2011, 162, 792-805.	2.7	101
101	The past, present and future of reproductive skew theory and experiments. Biological Reviews, 2011, 86, 271-298.	4.7	114
102	Genome partitioning of genetic variation for complex traits using common SNPs. Nature Genetics, 2011, 43, 519-525.	9.4	834
103	Segregating variation for temperature-dependent sex determination in a lizard. Heredity, 2011, 106, 649-660.	1.2	48
104	Evolutionary principles and their practical application. Evolutionary Applications, 2011, 4, 159-183.	1.5	230
105	A twin approach to unraveling epigenetics. Trends in Genetics, 2011, 27, 116-125.	2.9	350
106	The integration of "omic" disciplines and systems biology in cattle breeding. Animal, 2011, 5, 493-505.	1.3	21
107	Epidemiology, epigenetics and the "Gloomy Prospect": embracing randomness in population health research and practice. International Journal of Epidemiology, 2011, 40, 537-562.	0.9	266
108	Estimating Missing Heritability for Disease from Genome-wide Association Studies. American Journal of Human Genetics, 2011, 88, 294-305.	2.6	949
109	Ability to predict breast cancer in Asian women using a polygenic susceptibility model. Breast Cancer Research and Treatment, 2011, 127, 805-812.	1.1	12
110	Metabolic Syndrome and Breast Cancer Risk: Is There a Role for Metformin?. Current Breast Cancer Reports, 2011, 3, 142-150.	0.5	11
111	Understanding Heritability: What it is and What it is Not. European Journal of Personality, 2011, 25, 287-294.	1.9	7

#	ARTICLE	IF	CITATIONS
112	Heritability in the Era of Molecular Genetics: Some Thoughts for Understanding Genetic Influences on Behavioural Traits. <i>European Journal of Personality</i> , 2011, 25, 254-266.	1.9	102
113	Misunderstandings of the genetics and neurobiology of ADHD: Moving beyond anachronisms. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 513-516.	1.1	15
114	Recommendations for publication of genetic association studies in <i>Arthritis & Rheumatism</i> . <i>Arthritis and Rheumatism</i> , 2011, 63, 2839-2847.	6.7	19
115	Selection for Cry3Bb1 Resistance in a Genetically Diverse Population of Nondiapausing Western Corn Rootworm (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2011, 104, 1038-1044.	0.8	57
116	Genomics in the Post-GWAS Era. <i>Seminars in Liver Disease</i> , 2011, 31, 215-222.	1.8	39
117	Heritability of female extra-pair paternity rate in song sparrows (<i>Melospiza melodia</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1114-1120.	1.2	42
118	Detection of Intergenerational Genetic Effects with Application to <i>HLA-B</i> Matching as a Risk Factor for Schizophrenia. <i>Human Heredity</i> , 2011, 72, 161-172.	0.4	10
119	vipR: variant identification in pooled DNA using R. <i>Bioinformatics</i> , 2011, 27, i77-i84.	1.8	35
120	Heritability Analysis of Life Span in a Semi-isolated Population Followed Across Four Centuries Reveals the Presence of Pleiotropy Between Life Span and Reproduction. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 26-37.	1.7	44
121	EpiGPU: exhaustive pairwise epistasis scans parallelized on consumer level graphics cards. <i>Bioinformatics</i> , 2011, 27, 1462-1465.	1.8	77
122	A 150-Year Conundrum: Cranial Robusticity and Its Bearing on the Origin of Aboriginal Australians. <i>International Journal of Evolutionary Biology</i> , 2011, 2011, 1-18.	1.0	8
123	From Genes to Animal Behavior. <i>Primate Monographs</i> , 2011, , .	0.8	8
124	Additional Reading. , 2011, , 373-378.		0
125	Developmental contributions to phenotypic variation in functional leaf traits within quaking aspen clones. <i>Tree Physiology</i> , 2011, 31, 68-77.	1.4	40
126	Single-Tissue and Cross-Tissue Heritability of Gene Expression Via Identity-by-Descent in Related or Unrelated Individuals. <i>PLoS Genetics</i> , 2011, 7, e1001317.	1.5	173
127	An Assessment of the Individual and Collective Effects of Variants on Height Using Twins and a Developmentally Informative Study Design. <i>PLoS Genetics</i> , 2011, 7, e1002413.	1.5	11
128	A Strong Case for Viral Genetic Factors in HIV Virulence. <i>Viruses</i> , 2011, 3, 204-216.	1.5	27
129	Accurate estimation of heritability in genome wide studies using random effects models. <i>Bioinformatics</i> , 2011, 27, i317-i323.	1.8	23

#	ARTICLE	IF	CITATIONS
130	Lactase persistence and milk consumption are associated with body height in Swedish preadolescents and adolescents. <i>Food and Nutrition Research</i> , 2011, 55, 7253.	1.2	19
131	Heritability and Genetic Correlations Explained by Common SNPs for Metabolic Syndrome Traits. <i>PLoS Genetics</i> , 2012, 8, e1002637.	1.5	200
132	Comparison of Family History and SNPs for Predicting Risk of Complex Disease. <i>PLoS Genetics</i> , 2012, 8, e1002973.	1.5	102
133	Identification of Quantitative Trait Loci Linked to Drought Tolerance in a Colonial <i>Ã—</i> Creeping Bentgrass Hybrid Population. <i>Crop Science</i> , 2012, 52, 1891-1901.	0.8	17
134	Genetic predisposition of the severity of joint destruction in rheumatoid arthritis: a population-based study. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 707-709.	0.5	64
135	Functional and genetic characterization of gas exchange and intrinsic water use efficiency in a full-sib family of <i>Pinus pinaster</i> Ait. in response to drought. <i>Tree Physiology</i> , 2012, 32, 94-103.	1.4	43
136	Genetic Influences on Physical Activity in Young Adults. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1293-1301.	0.2	22
137	Performance, Personality, and Energetics: Correlation, Causation, and Mechanism. <i>Physiological and Biochemical Zoology</i> , 2012, 85, 543-571.	0.6	360
138	The Implications of Inheritance for Clinical Management. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 467-476.	5.1	2
139	Heritability of serum sodium concentration: evidence for sex- and ethnic-specific effects. <i>Physiological Genomics</i> , 2012, 44, 220-228.	1.0	16
140	The Search for Genetic Modifiers of Disease Severity in the <i>Ã—</i> Hemoglobinopathies. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a015032-a015032.	2.9	48
141	Is behavioral genetics "too-big-to-know" science?. <i>Behavioral and Brain Sciences</i> , 2012, 35, 360-360.	0.4	5
142	Elements of "missing heritability". <i>Current Opinion in Cardiology</i> , 2012, 27, 197-201.	0.8	55
143	"Location, Location, Location": a spatial approach for rare variant analysis and an application to a study on non-syndromic cleft lip with or without cleft palate. <i>Bioinformatics</i> , 2012, 28, 3027-3033.	1.8	22
144	The Heritability of Mammographic Breast Density and Circulating Sex-Hormone Levels: Two Independent Breast Cancer Risk Factors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 2167-2175.	1.1	19
145	Education and adult cause-specific mortality" examining the impact of family factors shared by 871 367 Norwegian siblings. <i>International Journal of Epidemiology</i> , 2012, 41, 1683-1691.	0.9	33
146	Family studies in Crohn's disease: new horizons in understanding disease pathogenesis, risk and prevention: Figure 1. <i>Gut</i> , 2012, 61, 311-318.	6.1	41
147	Most Reported Genetic Associations With General Intelligence Are Probably False Positives. <i>Psychological Science</i> , 2012, 23, 1314-1323.	1.8	221

#	ARTICLE	IF	CITATIONS
148	Integrated Computational and Experimental Analysis of the Neuroendocrine Transcriptome in Genetic Hypertension Identifies Novel Control Points for the Cardiometabolic Syndrome. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 430-440.	5.1	6
149	Genetic control of gene expression in whole blood and lymphoblastoid cell lines is largely independent. <i>Genome Research</i> , 2012, 22, 456-466.	2.4	75
150	Gene-independent heritability of behavioural traits: Don't we also need to rethink the "environment"? <i>Behavioral and Brain Sciences</i> , 2012, 35, 374-375.	0.4	44
151	Aging Uncouples Heritability and Expression-QTL in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 597-605.	0.8	60
152	Association Between Family Risk of Stroke and Myocardial Infarction With Prevalent Risk Factors and Coexisting Diseases. <i>Stroke</i> , 2012, 43, 974-979.	1.0	11
153	Quantitative Genetics in the Genomics Era. <i>Current Genomics</i> , 2012, 13, 196-206.	0.7	48
154	Myopia. <i>Lancet, The</i> , 2012, 379, 1739-1748.	6.3	1,334
155	Emergence of artemisinin-resistant malaria on the western border of Thailand: a longitudinal study. <i>Lancet, The</i> , 2012, 379, 1960-1966.	6.3	768
156	The value of twins in epigenetic epidemiology. <i>International Journal of Epidemiology</i> , 2012, 41, 140-150.	0.9	88
157	The neurobiology and genetics of Attention-Deficit/Hyperactivity Disorder (ADHD): What every clinician should know. <i>European Journal of Paediatric Neurology</i> , 2012, 16, 422-433.	0.7	241
158	Beyond genotype to phenotype: why the phenotype of an individual cannot always be predicted from their genome sequence and the environment that they experience. <i>FEBS Journal</i> , 2012, 279, 3765-3775.	2.2	38
159	Forecasting extinction risk of ectotherms under climate warming: an evolutionary perspective. <i>Functional Ecology</i> , 2012, 26, 1324-1338.	1.7	66
160	DNA methylation studies using twins: what are they telling us?. <i>Genome Biology</i> , 2012, 13, 172.	13.9	72
161	Use of support vector machines for disease risk prediction in genome-wide association studies: Concerns and opportunities. <i>Human Mutation</i> , 2012, 33, 1708-1718.	1.1	42
162	Are Voluntary Wheel Running and Open-Field Behavior Correlated in Mice? Different Answers from Comparative and Artificial Selection Approaches. <i>Behavior Genetics</i> , 2012, 42, 830-844.	1.4	41
163	Genetics of coronary artery disease: Genome-wide association studies and beyond. <i>Atherosclerosis</i> , 2012, 225, 1-10.	0.4	59
164	A Note on the Dependence of Heritability on Variances of Genetic and Environmental Components. <i>Human Biology</i> , 2012, 84, 319-325.	0.4	0
165	Measures of anxiety, amygdala volumes, and hippocampal scopolamine phMRI response in elderly female rhesus macaques. <i>Neuropharmacology</i> , 2012, 62, 385-390.	2.0	6

#	ARTICLE	IF	CITATIONS
166	Conditional and joint multiple-SNP analysis of GWAS summary statistics identifies additional variants influencing complex traits. <i>Nature Genetics</i> , 2012, 44, 369-375.	9.4	1,338
167	Heritability of male mandible length in the stag beetle <i>Cyclommatus metallifer</i> . <i>Entomological Science</i> , 2012, 15, 430-433.	0.3	16
168	Micro-evolutionary patterns of juvenile wood density in a pine species. <i>Plant Ecology</i> , 2012, 213, 1781-1792.	0.7	19
169	Estimating Kinship in Admixed Populations. <i>American Journal of Human Genetics</i> , 2012, 91, 122-138.	2.6	207
170	Genetic background and the risk of otitis media. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2012, 76, 41-44.	0.4	35
171	Is Genetic testing useful to predict type 2 diabetes?. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012, 26, 189-201.	2.2	49
172	Understanding genetic risk for substance use and addiction: A guide for non-geneticists. <i>Clinical Psychology Review</i> , 2012, 32, 60-70.	6.0	23
173	Reprogramming Cellular Identity for Regenerative Medicine. <i>Cell</i> , 2012, 148, 1110-1122.	13.5	174
174	Environmental and genetic controls of soldier caste in a parasitic social wasp. <i>Scientific Reports</i> , 2012, 2, 729.	1.6	11
175	Partitioning additive genetic variance into genomic and remaining polygenic components for complex traits in dairy cattle. <i>BMC Genetics</i> , 2012, 13, 44.	2.7	56
176	How accurate can genetic predictions be?. <i>BMC Genomics</i> , 2012, 13, 340.	1.2	16
177	The Genetic and Epigenetic Basis of Type 2 Diabetes and Obesity. <i>Clinical Pharmacology and Therapeutics</i> , 2012, 92, 707-715.	2.3	191
178	The continuing value of twin studies in the omics era. <i>Nature Reviews Genetics</i> , 2012, 13, 640-653.	7.7	314
179	Visual analysis of geocoded twin data puts nature and nurture on the map. <i>Molecular Psychiatry</i> , 2012, 17, 867-874.	4.1	52
180	Heritability and genetic correlations of escape behaviours in juvenile scallop <i>Argopecten purpuratus</i> . <i>Animal Behaviour</i> , 2012, 84, 479-484.	0.8	13
181	The Promises and Pitfalls of Genoeconomics. <i>Annual Review of Economics</i> , 2012, 4, 627-662.	2.4	168
182	Association Mapping and Disease: Evolutionary Perspectives. <i>Methods in Molecular Biology</i> , 2012, 856, 275-291.	0.4	2
183	Genetic architecture of resilience of executive functioning. <i>Brain Imaging and Behavior</i> , 2012, 6, 621-633.	1.1	22

#	ARTICLE	IF	CITATIONS
184	Current Knowledge of the Genetics of Otitis Media. <i>Current Allergy and Asthma Reports</i> , 2012, 12, 582-589.	2.4	8
185	Discovering environmental causes of disease. <i>Journal of Epidemiology and Community Health</i> , 2012, 66, 99-102.	2.0	56
186	Statistical Human Genetics. <i>Methods in Molecular Biology</i> , 2012, , .	0.4	13
187	The regulatory effect of miRNAs is a heritable genetic trait in humans. <i>BMC Genomics</i> , 2012, 13, 383.	1.2	23
188	Genetic and Environmental Contributions to Weight, Height, and BMI from Birth to 19 Years of Age: An International Study of Over 12,000 Twin Pairs. <i>PLoS ONE</i> , 2012, 7, e30153.	1.1	198
189	Variability in the Heritability of Body Mass Index: A Systematic Review and Meta-Regression. <i>Frontiers in Endocrinology</i> , 2012, 3, 29.	1.5	489
190	Using summary data from the Danish National Registers to estimate heritabilities for schizophrenia, bipolar disorder, and major depressive disorder. <i>Frontiers in Genetics</i> , 2012, 3, 118.	1.1	176
191	Methamphetamine-induced conditioned place preference in LG/J and SM/J mouse strains and an F45/F46 advanced intercross line. <i>Frontiers in Genetics</i> , 2012, 3, 126.	1.1	16
193	The Predictive Capacity of Personal Genome Sequencing. <i>Science Translational Medicine</i> , 2012, 4, 133ra58.	5.8	168
194	Genetics of osteoporosis from genome-wide association studies: advances and challenges. <i>Nature Reviews Genetics</i> , 2012, 13, 576-588.	7.7	269
195	Polygenic Effects of Common Single-Nucleotide Polymorphisms on Life Span: When Association Meets Causality. <i>Rejuvenation Research</i> , 2012, 15, 381-394.	0.9	26
196	Heritability in the genome-wide association era. <i>Human Genetics</i> , 2012, 131, 1655-1664.	1.8	142
197	Fasting and oral glucose-stimulated levels of glucose-dependent insulinotropic polypeptide (GIP) and glucagon-like peptide-1 (GLP-1) are highly familial traits. <i>Diabetologia</i> , 2012, 55, 1338-1345.	2.9	26
198	Genetic epidemiology and heritability of AIS: A study of 415 Chinese female patients. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1464-1469.	1.2	42
199	How Genes Influence Life Span: The Biodemography of Human Survival. <i>Rejuvenation Research</i> , 2012, 15, 374-380.	0.9	29
200	Theory of the Origin, Evolution, and Nature of Life. <i>Life</i> , 2012, 2, 1-105.	1.1	11
201	Frailty phenotypes in the elderly based on cluster analysis: a longitudinal study of two Danish cohorts. Evidence for a genetic influence on frailty. <i>Age</i> , 2012, 34, 571-582.	3.0	62
202	Rare and common variants: twenty arguments. <i>Nature Reviews Genetics</i> , 2012, 13, 135-145.	7.7	1,077

#	ARTICLE	IF	CITATIONS
203	The Etiological Relationship Between Anxiety Sensitivity, Sexual Distress, and Female Sexual Dysfunction is Partly Genetically Moderated. <i>Journal of Sexual Medicine</i> , 2012, 9, 1887-1896.	0.3	19
204	Genomic toolboxes for conservation biologists. <i>Evolutionary Applications</i> , 2012, 5, 130-143.	1.5	78
205	Genomic regions in crop wild hybrids of lettuce are affected differently in different environments: implications for crop breeding. <i>Evolutionary Applications</i> , 2012, 5, 629-640.	1.5	24
206	Knowing your personality is knowing its nature: The role of information accuracy of peer assessments for heritability estimates of temperamental and personality traits. <i>Personality and Individual Differences</i> , 2012, 53, 387-392.	1.6	15
207	Dissection of genotype-phenotype associations in rice grains using metabolome quantitative trait loci analysis. <i>Plant Journal</i> , 2012, 70, 624-636.	2.8	173
208	Genetic analyses of six quantitative traits of a doubled haploid population of <i>Porphyra haitanensis</i> Chang et Zheng (Bangiales, Rhodophyta). <i>Journal of Applied Phycology</i> , 2012, 24, 89-96.	1.5	9
209	Life Events as Environmental States and Genetic Traits and the Role of Personality: A Longitudinal Twin Study. <i>Behavior Genetics</i> , 2012, 42, 57-72.	1.4	143
210	Comparing parent-offspring regression with frequentist and Bayesian animal models to estimate heritability in wild populations: a simulation study for Gaussian and binary traits. <i>Methods in Ecology and Evolution</i> , 2013, 4, 260-275.	2.2	139
211	Familial and Genetic Factors of Restless Legs Syndrome. , 2013, , 22-28.		0
212	Heritability and the Equal Environments Assumption: Evidence from Multiple Samples of Misclassified Twins. <i>Behavior Genetics</i> , 2013, 43, 415-426.	1.4	93
213	Detecting Rare Variants for Psychiatric Disorders Using Next Generation Sequencing: A Methods Primer. <i>Current Psychiatry Reports</i> , 2013, 15, 333.	2.1	1
214	How meaningful are heritability estimates of liability?. <i>Human Genetics</i> , 2013, 132, 1351-1360.	1.8	26
215	Dyslexia and Related Communication Disorders. , 2013, , 1-22.		0
216	Genetic and Morphometric Analysis of Cob Architecture and Biomass-Related Traits in the Intermated B73-17 Recombinant Inbred Lines of Maize. <i>Bioenergy Research</i> , 2013, 6, 903-916.	2.2	8
217	Rapid Bayesian inference of heritability in animal models without convergence problems. <i>Methods in Ecology and Evolution</i> , 2013, 4, 1037-1046.	2.2	3
218	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, 865-875.	2.6	104
219	Mapping eQTLs in the Norfolk Island Genetic Isolate Identifies Candidate Genes for CVD Risk Traits. <i>American Journal of Human Genetics</i> , 2013, 93, 1087-1099.	2.6	28
220	The molecular pathogenesis of migraine: new developments and opportunities. <i>Human Molecular Genetics</i> , 2013, 22, R39-R44.	1.4	16

#	ARTICLE	IF	CITATIONS
221	The initial tolerance to sub-lethal Cd exposure is the same among ten naïve pond populations of <i>Daphnia magna</i> , but their micro-evolutionary potential to develop resistance is very different. <i>Aquatic Toxicology</i> , 2013, 144-145, 322-331.	1.9	20
222	Quadratic optimization to identify highly heritable quantitative traits from complex phenotypic features. , 2013, , .		3
223	Mining conifers' mega-genome using rapid and efficient multiplexed high-throughput genotyping-by-sequencing (GBS) SNP discovery platform. <i>Tree Genetics and Genomes</i> , 2013, 9, 1537-1544.	0.6	54
224	La médecine génomique, une réalité en pleine évolution. Première partie. <i>Immuno-Analyse Et Biologie Spécialisée</i> , 2013, 28, 93-108.	0.0	0
225	Where GWAS and Epidemiology Meet: Opportunities for the Simultaneous Study of Genetic and Environmental Risk Factors in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2013, 39, 955-959.	2.3	65
226	The advantages and limitations of trait analysis with GWAS: a review. <i>Plant Methods</i> , 2013, 9, 29.	1.9	1,229
227	QTL analysis reveals the genetic architecture of domestication traits in Crisphead lettuce. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1487-1500.	0.8	28
228	Evaluation of approaches for estimating the accuracy of genomic prediction in plant breeding. <i>BMC Genomics</i> , 2013, 14, 860.	1.2	38
229	Challenges in reproducibility of genetic association studies: lessons learned from the obesity field. <i>International Journal of Obesity</i> , 2013, 37, 559-567.	1.6	55
230	Epigenetic Inheritance of Disease and Disease Risk. <i>Neuropsychopharmacology</i> , 2013, 38, 220-236.	2.8	140
231	Estimation and partitioning of polygenic variation captured by common SNPs for Alzheimer's disease, multiple sclerosis and endometriosis. <i>Human Molecular Genetics</i> , 2013, 22, 832-841.	1.4	186
232	Identity-by-descent-based heritability analysis in the Northern Finland Birth Cohort. <i>Human Genetics</i> , 2013, 132, 129-138.	1.8	34
233	A Generalized Defries-Fulker Regression Framework for the Analysis of Twin Data. <i>Behavior Genetics</i> , 2013, 43, 85-96.	1.4	10
234	QST-FST comparisons: evolutionary and ecological insights from genomic heterogeneity. <i>Nature Reviews Genetics</i> , 2013, 14, 179-190.	7.7	362
235	Maternal Effects on Offspring Mortality in Rhesus Macaques (<i>Macaca mulatta</i>). <i>American Journal of Primatology</i> , 2013, 75, 238-251.	0.8	26
236	Seasonality of mood and behavior in the Old Order Amish. <i>Journal of Affective Disorders</i> , 2013, 147, 112-117.	2.0	17
237	An ACE in the hole: Twin family models for applied behavioral genetics research. <i>Leadership Quarterly</i> , 2013, 24, 572-594.	3.6	27
238	Virus-induced target cell activation reconciles set-point viral load heritability and within-host evolution. <i>Epidemics</i> , 2013, 5, 174-180.	1.5	7

#	ARTICLE	IF	CITATIONS
239	Heritability and sibling recurrent risk of developmental dysplasia of the hip in Chinese population. <i>European Journal of Clinical Investigation</i> , 2013, 43, 589-594.	1.7	14
240	Gene-environment contributions to energy and macronutrient intakes in 9-year-old children: Results from the Quebec Newborn Twin Study. <i>Physiology and Behavior</i> , 2013, 119, 30-37.	1.0	7
241	Improving the Accuracy and Efficiency of Partitioning Heritability into the Contributions of Genomic Regions. <i>American Journal of Human Genetics</i> , 2013, 92, 558-564.	2.6	24
242	Immune-mediated disease genetics: the shared basis of pathogenesis. <i>Trends in Immunology</i> , 2013, 34, 22-26.	2.9	88
243	Child Development and Molecular Genetics: 14 Years Later. <i>Child Development</i> , 2013, 84, 104-120.	1.7	104
244	The heritability of delusional-like experiences. <i>Acta Psychiatrica Scandinavica</i> , 2013, 127, 48-52.	2.2	5
245	Age and sex affect quantitative genetic parameters for dominance rank and aggression in free-living greylag geese. <i>Journal of Evolutionary Biology</i> , 2013, 26, 299-310.	0.8	6
246	<i>Populus trichocarpa</i> cell wall chemistry and ultrastructure trait variation, genetic control and genetic correlations. <i>New Phytologist</i> , 2013, 197, 777-790.	3.5	100
247	Pharmacogenetics and pharmacogenomics: a bridge to individualized cancer therapy. <i>Pharmacogenomics</i> , 2013, 14, 315-324.	0.6	88
248	Arterial stiffening: Causes and consequences. <i>Artery Research</i> , 2013, 7, 22.	0.3	14
249	Quantitative Genetic Perspectives on Female Macaque Life Histories. , 2013, , 459-480.		2
250	Phenotypic and fitness consequences of maternal nest-site choice across multiple early life stages. <i>Ecology</i> , 2013, 94, 336-345.	1.5	52
251	The heritability of human disease: estimation, uses and abuses. <i>Nature Reviews Genetics</i> , 2013, 14, 139-149.	7.7	231
252	Metabolic phenotyping for the classification of coffee trees and the exploration of selection markers. <i>Molecular BioSystems</i> , 2013, 9, 693.	2.9	27
253	Pitfalls of predicting complex traits from SNPs. <i>Nature Reviews Genetics</i> , 2013, 14, 507-515.	7.7	617
254	A Candidate-Interactome Aggregate Analysis of Genome-Wide Association Data in Multiple Sclerosis. <i>PLoS ONE</i> , 2013, 8, e63300.	1.1	66
255	Using Extended Genealogy to Estimate Components of Heritability for 23 Quantitative and Dichotomous Traits. <i>PLoS Genetics</i> , 2013, 9, e1003520.	1.5	345
256	Genes, physical fitness and ageing. <i>Ageing Research Reviews</i> , 2013, 12, 90-102.	5.0	45

#	ARTICLE	IF	CITATIONS
257	Genetically based population divergence in overwintering energy mobilization in brook charr (<i>Salvelinus fontinalis</i>). <i>Genetica</i> , 2013, 141, 51-64.	0.5	19
258	An <i>SNP</i> of the <i>ZBTB38</i> gene is associated with idiopathic short stature in the Chinese Han population. <i>Clinical Endocrinology</i> , 2013, 79, 402-408.	1.2	13
259	Genes and Politics: A New Explanation and Evaluation of Twin Study Results and Association Studies in Political Science. <i>Political Analysis</i> , 2013, 21, 350-367.	2.8	33
260	Systems genetics of hepatocellular damage in vivo and in vitro: identification of a critical network on chromosome 11 in mouse. <i>Physiological Genomics</i> , 2013, 45, 931-939.	1.0	4
261	Role of interactions in pharmacogenetic studies: leukotrienes in asthma. <i>Pharmacogenomics</i> , 2013, 14, 923-929.	0.6	4
262	Heritability Estimates Identify a Substantial Genetic Contribution to Risk and Outcome of Intracerebral Hemorrhage. <i>Stroke</i> , 2013, 44, 1578-1583.	1.0	88
263	Animal Models and Integrated Nested Laplace Approximations. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1241-1251.	0.8	51
264	An example design of large-scale next-generation sequencing study for bone mineral density. <i>IBMS BoneKEy</i> , 2013, 10, .	0.1	2
265	Hierarchical clustering analysis of blood plasma lipidomics profiles from mono- and dizygotic twin families. <i>European Journal of Human Genetics</i> , 2013, 21, 95-101.	1.4	35
266	Ubiquitous Polygenicity of Human Complex Traits: Genome-Wide Analysis of 49 Traits in Koreans. <i>PLoS Genetics</i> , 2013, 9, e1003355.	1.5	56
267	Quantifying Missing Heritability at Known GWAS Loci. <i>PLoS Genetics</i> , 2013, 9, e1003993.	1.5	115
268	Rare Copy Number Variants Are a Common Cause of Short Stature. <i>PLoS Genetics</i> , 2013, 9, e1003365.	1.5	60
269	Identifying Interacting Genetic Variations by Fish-Swarm Logic Regression. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	4
270	New aQTL SNPs for the CYP2D6 Identified by a Novel Mediation Analysis of Genome-Wide SNP Arrays, Gene Expression Arrays, and CYP2D6 Activity. <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	9
271	Fetal and Maternal Genes™ Influence on Gestational Age in a Quantitative Genetic Analysis of 244,000 Swedish Births. <i>American Journal of Epidemiology</i> , 2013, 178, 543-550.	1.6	62
272	The contribution of twins to the study of cognitive ageing and dementia: The Older Australian Twins Study. <i>International Review of Psychiatry</i> , 2013, 25, 738-747.	1.4	23
273	An Evolutionary Perspective on Epistasis and the Missing Heritability. <i>PLoS Genetics</i> , 2013, 9, e1003295.	1.5	107
274	Heritability analyses show visit-to-visit blood pressure variability reflects different pathological phenotypes in younger and older adults. <i>Journal of Hypertension</i> , 2013, 31, 2356-2361.	0.3	36

#	ARTICLE	IF	CITATIONS
275	Divergent selection on, but no genetic conflict over, female and male timing and rate of reproduction in a human population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132002.	1.2	25
276	Strain Specific Genotype \times Environment Interactions and Evolutionary Potential for Body Mass in Brook Charr (<i>Salvelinus fontinalis</i>). <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 379-386.	0.8	19
277	Genome-wide association study of concentrations of iron and other minerals in longissimus muscle of Angus cattle. <i>Journal of Animal Science</i> , 2013, 91, 3593-3600.	0.2	10
278	Patterns of methylation heritability in a genome-wide analysis of four brain regions. <i>Nucleic Acids Research</i> , 2013, 41, 2095-2104.	6.5	44
279	The Wilson Effect: The Increase in Heritability of IQ With Age. <i>Twin Research and Human Genetics</i> , 2013, 16, 923-930.	0.3	98
280	Update on the epidemiology and genetics of myopic refractive error. <i>Expert Review of Ophthalmology</i> , 2013, 8, 63-87.	0.3	22
281	Estimates of variance components and repeatability for total forage yield in rye: implications for breeding. <i>Plant Breeding</i> , 2013, 132, 580-585.	1.0	2
282	Overview of Behavioral Genetics Research for Family Researchers. <i>Journal of Family Theory and Review</i> , 2013, 5, 214-233.	1.2	7
283	Secondary Analysis of Publicly Available Data Reveals Superoxide and Oxygen Radical Pathways are Enriched for Associations Between Type 2 Diabetes and Low-Frequency Variants. <i>Annals of Human Genetics</i> , 2013, 77, 472-481.	0.3	3
284	How can polygenic inheritance be used in population screening for common diseases?. <i>Genetics in Medicine</i> , 2013, 15, 437-443.	1.1	45
285	Patterns and sources of continuity and change of energetic and temporal aspects of temperament in adulthood: A longitudinal twin study of self- and peer reports.. <i>Developmental Psychology</i> , 2013, 49, 1739-1753.	1.2	29
286	A polymorphism of HMGA1 is associated with increased risk of metabolic syndrome and related components. <i>Scientific Reports</i> , 2013, 3, 1491.	1.6	51
287	Genetics in Population Health Science: Strategies and Opportunities. <i>American Journal of Public Health</i> , 2013, 103, S73-S83.	1.5	57
288	SNP-based heritability estimation using a Bayesian approach. <i>Animal</i> , 2013, 7, 531-539.	1.3	5
289	Polygenic heritability estimates in pharmacogenetics. <i>Pharmacogenetics and Genomics</i> , 2013, 23, 324-328.	0.7	45
290	Twin Studies in Altitude and Hypoxia Research. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 613-619.	0.6	9
291	Selectively bred rat model system for low and high response to exercise training. <i>Physiological Genomics</i> , 2013, 45, 606-614.	1.0	45
292	Heritability. , 2013, , 432-434.		0

#	ARTICLE	IF	CITATIONS
293	On Rare-Variant Analysis in Population-Based Designs: Decomposing the Likelihood to Two Informative Components. <i>Human Heredity</i> , 2013, 76, 76-85.	0.4	0
294	On the Origin of Rheumatoid Arthritis: The Impact of Environment and Genes—A Population Based Twin Study. <i>PLoS ONE</i> , 2013, 8, e57304.	1.1	68
295	Assumptions and Properties of Limiting Pathway Models for Analysis of Epistasis in Complex Traits. <i>PLoS ONE</i> , 2013, 8, e68913.	1.1	11
296	Integrating Milk Metabolite Profile Information for the Prediction of Traditional Milk Traits Based on SNP Information for Holstein Cows. <i>PLoS ONE</i> , 2013, 8, e70256.	1.1	30
297	The causes of variation in learning and behavior: why individual differences matter. <i>Frontiers in Psychology</i> , 2013, 4, 395.	1.1	33
298	Bridging the Gap between Genotype and Phenotype via Network Approaches. <i>Frontiers in Genetics</i> , 2012, 3, 227.	1.1	38
299	Evaluation of genetic risk score models in the presence of interaction and linkage disequilibrium. <i>Frontiers in Genetics</i> , 2013, 4, 138.	1.1	49
300	The power of regional heritability analysis for rare and common variant detection: simulations and application to eye biometrical traits. <i>Frontiers in Genetics</i> , 2013, 4, 232.	1.1	36
301	Biodemographic Analyses of Longitudinal Data on Aging, Health, and Longevity: Recent Advances and Future Perspectives. <i>Advances in Geriatrics</i> , 2014, 2014, 1-14.	1.6	5
302	Pathogenesis of coronary artery disease: focus on genetic risk factors and identification of genetic variants. <i>The Application of Clinical Genetics</i> , 2014, 7, 15.	1.4	98
303	From observational to dynamic genetics. <i>Frontiers in Genetics</i> , 2014, 5, 6.	1.1	19
304	Jumping on the Train of Personalized Medicine: A Primer for Non-Geneticist Clinicians: Part 2. Fundamental Concepts in Genetic Epidemiology. <i>Current Psychiatry Reviews</i> , 2014, 10, 101-117.	0.9	10
305	Dyslexia and Related Communication Disorders. , 2014, , .		0
307	Multivariate survival mixed models for genetic analysis of longevity traits. <i>Journal of Applied Statistics</i> , 2014, 41, 1286-1306.	0.6	18
308	Gene-environment interaction research in psychiatric epidemiology: a framework and implications for study design. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2014, 49, 1525-1529.	1.6	8
309	A Clinical Approach to Inherited Premature Coronary Artery Disease. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 558-564.	5.1	16
310	Genetic Basis of Complex Genetic Disease: The Contribution of Disease Heterogeneity to Missing Heritability. <i>Current Epidemiology Reports</i> , 2014, 1, 220-227.	1.1	55
311	Next-Generation Sequencing Studies: Optimal Design and Analysis, Missing Heritability and Rare Variants. <i>Current Epidemiology Reports</i> , 2014, 1, 213-219.	1.1	3

#	ARTICLE	IF	CITATIONS
312	Quantitative Trait Locus Mapping Methods for Diversity Outbred Mice. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1623-1633.	0.8	195
313	Genome-wide association study combined with biological context can reveal more disease-related SNPs altering microRNA target seed sites. <i>BMC Genomics</i> , 2014, 15, 669.	1.2	10
314	Parent-of-Origin Effects on Glucose Homeostasis in Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2961-2966.	1.8	14
315	The genetic basis of music ability. <i>Frontiers in Psychology</i> , 2014, 5, 658.	1.1	60
316	Weighted Risk Score-Based Multifactor Dimensionality Reduction to Detect Gene-Gene Interactions in Nasopharyngeal Carcinoma. <i>International Journal of Molecular Sciences</i> , 2014, 15, 10724-10737.	1.8	8
317	GPA: A Statistical Approach to Prioritizing GWAS Results by Integrating Pleiotropy and Annotation. <i>PLoS Genetics</i> , 2014, 10, e1004787.	1.5	189
318	Fundamentals of Complex Trait Genetics and Association Studies. , 2014, , 235-257.		7
319	Environmental and Genetic Contributors to Salivary Testosterone Levels in Infants. <i>Frontiers in Endocrinology</i> , 2014, 5, 187.	1.5	15
320	The Impact of Population Demography and Selection on the Genetic Architecture of Complex Traits. <i>PLoS Genetics</i> , 2014, 10, e1004379.	1.5	146
321	Body mass index is associated with the maternal lines but height is heritable across family lines in the Lifeways Cross-Generation Cohort Study. <i>BMJ Open</i> , 2014, 4, e005732.	0.8	15
322	An Evaluation of High-Throughput Approaches to QTL Mapping in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2014, 196, 853-865.	1.2	86
323	Genome-wide eQTLs and heritability for gene expression traits in unrelated individuals. <i>BMC Genomics</i> , 2014, 15, 13.	1.2	43
324	Height and Earnings: The Role of Cognitive and Noncognitive Skills. <i>Journal of Human Resources</i> , 2014, 49, 141-166.	1.9	65
325	The heritability of oxycodone reward and concomitant phenotypes in a <i>LG</i> mouse advanced intercross line. <i>Addiction Biology</i> , 2014, 19, 552-561.	1.4	15
326	Challenges and prospects in genome-wide quantitative trait loci mapping of standing genetic variation in natural populations. <i>Annals of the New York Academy of Sciences</i> , 2014, 1320, 35-57.	1.8	51
327	Understanding Evidence-Based Rheumatology. , 2014, , .		2
328	Resistance to oxidative stress shows low heritability and high common environmental variance in a wild bird. <i>Journal of Evolutionary Biology</i> , 2014, 27, 1990-2000.	0.8	23
329	Limited genetic variability and phenotypic plasticity detected for cavitation resistance in a <i>Mediterranean pine</i> . <i>New Phytologist</i> , 2014, 201, 874-886.	3.5	170

#	ARTICLE	IF	CITATIONS
330	Heritability and the equine clinician. <i>Equine Veterinary Journal</i> , 2014, 46, 12-14.	0.9	6
331	Heritability of flight and resting metabolic rates in the <i>Glanville fritillary butterfly</i> . <i>Journal of Evolutionary Biology</i> , 2014, 27, 1733-1743.	0.8	36
332	Genome-Wide Association Studies of Obesity. , 2014, , 33-53.		2
333	On the simultaneous association analysis of large genomic regions: a massive multi-locus association test. <i>Bioinformatics</i> , 2014, 30, 157-164.	1.8	45
334	Genetic architecture of cognitive traits. <i>Scandinavian Journal of Psychology</i> , 2014, 55, 255-262.	0.8	16
335	Integrating Genetics and Social Science: Genetic Risk Scores. <i>Biodemography and Social Biology</i> , 2014, 60, 137-155.	0.4	100
336	The Predictive Value of Smoking Expectancy and the Heritability of its Accuracy. <i>Nicotine and Tobacco Research</i> , 2014, 16, 359-368.	1.4	8
337	Sleep EEG Composition in the First Three Months of Life in Monozygotic and Dizygotic Twins. <i>Clinical EEG and Neuroscience</i> , 2014, 45, 193-200.	0.9	5
338	Twin studies advance the understanding of gene-environment interplay in human nutrigenomics. <i>Nutrition Research Reviews</i> , 2014, 27, 242-251.	2.1	14
339	An Alternative to the Breeder's and Lande's Equations. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 97-108.	0.8	4
340	Inheritance of equine sarcoid disease in Franches-Montagnes horses. <i>Veterinary Journal</i> , 2014, 199, 68-71.	0.6	21
341	Bacterial colonization, enamel defects and dental caries in 4-year-old mono- and dizygotic twins. <i>International Journal of Paediatric Dentistry</i> , 2014, 24, 152-160.	1.0	7
342	Nature, nurture, and expertise. <i>Intelligence</i> , 2014, 45, 46-59.	1.6	48
343	ENVIRONMENTAL AND GENETIC CONTROL OF BRAIN AND SONG STRUCTURE IN THE ZEBRA FINCH. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 230-240.	1.1	22
344	Genotype-environment interaction QTL mapping in plants: lessons from <i>Arabidopsis</i> . <i>Trends in Plant Science</i> , 2014, 19, 390-398.	4.3	237
345	Genotype-environment interactions for quantitative traits in Korea Associated Resource (KARE) cohorts. <i>BMC Genetics</i> , 2014, 15, 18.	2.7	6
346	Effects of single nucleotide polymorphism marker density on degree of genetic variance explained and genomic evaluation for carcass traits in Japanese Black beef cattle. <i>BMC Genetics</i> , 2014, 15, 15.	2.7	29
347	Personality Traits in Rhesus Macaques (<i>Macaca mulatta</i>) Are Heritable but Do Not Predict Reproductive Output. <i>International Journal of Primatology</i> , 2014, 35, 188-209.	0.9	68

#	ARTICLE	IF	CITATIONS
348	Genetics of Attention Deficit Hyperactivity Disorder (ADHD): Recent Updates and Future Prospects. <i>Current Developmental Disorders Reports</i> , 2014, 1, 41-49.	0.9	36
349	Genes, Evolution and Intelligence. <i>Behavior Genetics</i> , 2014, 44, 549-577.	1.4	59
350	Heritability and genomics of gene expression in peripheral blood. <i>Nature Genetics</i> , 2014, 46, 430-437.	9.4	370
351	MicroRNAs and their roles in developmental canalization. <i>Current Opinion in Genetics and Development</i> , 2014, 27, 1-6.	1.5	75
352	Applying Quantitative Genetic Methods to Primate Social Behavior. <i>International Journal of Primatology</i> , 2014, 35, 108-128.	0.9	16
353	Familial risk of epilepsy: a population-based study. <i>Brain</i> , 2014, 137, 795-805.	3.7	134
354	The contribution of genetic and environmental factors to the duration of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 210, 398-405.	0.7	71
355	Genetic variation in niche construction: implications for development and evolutionary genetics. <i>Trends in Ecology and Evolution</i> , 2014, 29, 8-14.	4.2	62
356	The Genetics of Obesity. , 2014, , .		0
357	Leveraging population admixture to characterize the heritability of complex traits. <i>Nature Genetics</i> , 2014, 46, 1356-1362.	9.4	69
358	Exploring the genetic basis of stroke. Spanish stroke genetics consortium. <i>Neurología (English)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34	0.2	3
359	Past, present and future of cardiovascular twin studies. <i>Cor Et Vasa</i> , 2014, 56, e486-e493.	0.1	4
360	Is the coefficient of variation a valid measure for variability of stable isotope abundances in biological materials?. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 370-376.	0.7	13
361	Twin studies in inherited eye disease. <i>Clinical and Experimental Ophthalmology</i> , 2014, 42, 84-93.	1.3	3
362	Evidence that hepatitis C virus genome partly controls infection outcome. <i>Evolutionary Applications</i> , 2014, 7, 533-547.	1.5	4
363	Epigenetics of discordant monozygotic twins: implications for disease. <i>Genome Medicine</i> , 2014, 6, 60.	3.6	157
364	Potential for marker-assisted selection for forest tree breeding: lessons from 20 years of MAS in crops. <i>Tree Genetics and Genomes</i> , 2014, 10, 1491-1510.	0.6	70
365	Introduction to Epigenetics in Psychiatry. , 2014, , 3-25.		6

#	ARTICLE	IF	CITATIONS
366	Genetic and epigenetic factors influencing chronic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F757-F776.	1.3	53
367	Heritability assessment of cartilage metabolism. A twin study on circulating procollagen IIA N-terminal propeptide (PIIANP). <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1142-1147.	0.6	2
368	Ascertainment Bias Causes False Signal of Anticipation in Genetic Prion Disease. <i>American Journal of Human Genetics</i> , 2014, 95, 371-382.	2.6	40
369	An evolving scientific basis for the prevention and treatment of pediatric obesity. <i>International Journal of Obesity</i> , 2014, 38, 887-905.	1.6	96
370	Detecting epistasis in human complex traits. <i>Nature Reviews Genetics</i> , 2014, 15, 722-733.	7.7	372
371	High heritability and genetic correlation of intravenous glucose- and tolbutamide-induced insulin secretion among non-diabetic family members of type 2 diabetic patients. <i>Diabetologia</i> , 2014, 57, 1173-1181.	2.9	14
372	Conditions for the validity of SNP-based heritability estimation. <i>Human Genetics</i> , 2014, 133, 1011-1022.	1.8	35
373	Heritability and phenotypic correlations of gonad sweetness in the sea urchin <i>Strongylocentrotus intermedius</i> . <i>Aquaculture International</i> , 2014, 22, 1737-1742.	1.1	5
374	Interactions between chromosomal and nonchromosomal elements reveal missing heritability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7719-7722.	3.3	37
375	Exploring the impact of neutral evolution on intrapopulation genetic differentiation in functional traits in a long-lived plant. <i>Tree Genetics and Genomes</i> , 2014, 10, 1181-1190.	0.6	24
376	Introduction to Deep Sequencing and Its Application to Drug Addiction Research with a Focus on Rare Variants. <i>Molecular Neurobiology</i> , 2014, 49, 601-614.	1.9	13
377	Research Review: Polygenic methods and their application to psychiatric traits. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 1068-1087.	3.1	578
378	Aproximación al conocimiento de las bases genéticas del ictus. <i>Consortio español de genética del ictus. Neurología</i> , 2014, 29, 560-566.	0.3	4
379	Why do we differ in number sense? Evidence from a genetically sensitive investigation. <i>Intelligence</i> , 2014, 43, 35-46.	1.6	44
380	Genetic variation in niche construction: a comment on Saltz and Nuzhdin. <i>Trends in Ecology and Evolution</i> , 2014, 29, 303-304.	4.2	13
382	CHANCE, PURPOSE, AND PROGRESS IN EVOLUTION AND CHRISTIANITY. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, n/a-n/a.	1.1	2
383	Genetic susceptibility to type 2 diabetes and obesity: from genome-wide association studies to rare variants and beyond. <i>Diabetologia</i> , 2014, 57, 1528-1541.	2.9	162
384	Using genomics to characterize evolutionary potential for conservation of wild populations. <i>Evolutionary Applications</i> , 2014, 7, 1008-1025.	1.5	207

#	ARTICLE	IF	CITATIONS
385	Genetic variation in niche construction and its implications: response to Shuker. Trends in Ecology and Evolution, 2014, 29, 304-305.	4.2	0
386	Current concepts and clinical applications of stroke genetics. Lancet Neurology, The, 2014, 13, 405-418.	4.9	86
387	Language and biology. , 0, , 686-707.		2
389	Exploring the origins of asthma: Lessons from twin studies. European Clinical Respiratory Journal, 2014, 1, 25535.	0.7	18
390	Exact prior-free probabilistic inference on the heritability coefficient in a linear mixed model. Electronic Journal of Statistics, 2014, 8, .	0.4	6
391	Familiality and SNP heritability of age at onset and episodicity in major depressive disorder. Psychological Medicine, 2015, 45, 2215-2225.	2.7	21
392	Identifying signatures of sexual selection using genomewide selection components analysis. Ecology and Evolution, 2015, 5, 2722-2744.	0.8	4
393	Using neutral, selected, and hitchhiker loci to assess connectivity of marine populations in the genomic era. Evolutionary Applications, 2015, 8, 769-786.	1.5	223
395	The Use of the Linear Mixed Model in Human Genetics. Human Heredity, 2015, 80, 196-206.	0.4	18
396	Refining multivariate disease phenotypes for high chip heritability. BMC Medical Genomics, 2015, 8, S3.	0.7	3
397	Status Attainment and Social Mobility. Kolner Zeitschrift Fur Soziologie Und Sozialpsychologie, 2015, 67, 371-395.	0.6	18
398	The Biodemography of Fertility: A Review and Future Research Frontiers. Kolner Zeitschrift Fur Soziologie Und Sozialpsychologie, 2015, 67, 397-424.	0.6	38
399	PIGS: improved estimates of identity-by-descent probabilities by probabilistic IBD graph sampling. BMC Bioinformatics, 2015, 16, S9.	1.2	1
400	A Bayesian generalized random regression model for estimating heritability using overdispersed count data. Genetics Selection Evolution, 2015, 47, 51.	1.2	10
401	The German AugLUR study: study protocol of a prospective study to investigate chronic diseases in the elderly. BMC Geriatrics, 2015, 15, 130.	1.1	31
402	An integrative systems genetics approach reveals potential causal genes and pathways related to obesity. Genome Medicine, 2015, 7, 105.	3.6	30
403	Individual inconsistencies in basal and summit metabolic rate highlight flexibility of metabolic performance in a wintering passerine. Journal of Experimental Zoology, 2015, 323, 179-190.	1.2	11
404	Changes of heritability and genetic correlations in production traits over time in red abalone (<i>Haliotis rufescens</i>) under culture. Aquaculture Research, 2015, 46, 2248-2259.	0.9	20

#	ARTICLE	IF	CITATIONS
405	Genotype by Environment Interaction for Growth in Atlantic Cod (<i>Gadus morhua</i> L.) in Four Farms of Norway. <i>Journal of Marine Science and Engineering</i> , 2015, 3, 412-427.	1.2	11
406	Causal Inference in the Age of Decision Medicine. <i>Journal of Data Mining in Genomics & Proteomics</i> , 2015, 06, .	0.5	12
407	Heritability of Attractiveness to Mosquitoes. <i>PLoS ONE</i> , 2015, 10, e0122716.	1.1	46
408	Variable-Selection Emerges on Top in Empirical Comparison of Whole-Genome Complex-Trait Prediction Methods. <i>PLoS ONE</i> , 2015, 10, e0138903.	1.1	15
409	Potential Response to Selection of HSP70 as a Component of Innate Immunity in the Abalone <i>Haliotis rufescens</i> . <i>PLoS ONE</i> , 2015, 10, e0141959.	1.1	14
410	Epidemiology and Heritability of Major Depressive Disorder, Stratified by Age of Onset, Sex, and Illness Course in Generation Scotland: Scottish Family Health Study (GS:SFHS). <i>PLoS ONE</i> , 2015, 10, e0142197.	1.1	101
411	Genome-wide association mapping unravels the genetic control of seed germination and vigor in <i>Brassica napus</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 221.	1.7	150
412	On the Estimation of Heritability with Family-Based and Population-Based Samples. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	16
413	Environmental and dam effects on cannibalism in Wistar rat litters. <i>Acta Scientiarum - Biological Sciences</i> , 2015, 37, 225.	0.3	1
414	How to Read â€ˆHeritabilityâ€™ in the Recipe Approach to Natural Selection. <i>British Journal for the Philosophy of Science</i> , 2015, 66, 883-903.	1.4	29
415	Comparison of Twin and Extended Pedigree Designs for Obtaining Heritability Estimates. <i>Behavior Genetics</i> , 2015, 45, 461-466.	1.4	15
416	Susceptibility of autochthonous German <i>Fraxinus excelsior</i> clones to <i>Hymenoscyphus pseudoalbidus</i> is genetically determined. <i>Annals of Forest Science</i> , 2015, 72, 183-193.	0.8	33
417	Insights from Genome-Wide Association Analyses of Nonalcoholic Fatty Liver Disease. <i>Seminars in Liver Disease</i> , 2015, 35, 375-391.	1.8	42
418	Creativity and Mental Illness. , 2015, , .		8
419	Assessing the heritability of dorsal pattern shape in <i>Vipera latastei</i> . <i>Amphibia - Reptilia</i> , 2015, 36, 313-317.	0.1	2
420	Marker-Based Estimation of Heritability in Immortal Populations. <i>Genetics</i> , 2015, 199, 379-398.	1.2	192
421	Natural Genetic Variation for Acclimation of Photosynthetic Light Use Efficiency to Growth Irradiance in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2015, 167, 1412-1429.	2.3	78
422	Genetic analysis of leg problems and growth in a random mating broiler population. <i>Poultry Science</i> , 2015, 94, 162-168.	1.5	19

#	ARTICLE	IF	CITATIONS
423	Low evolutionary potential for egg-to-adult viability in <i>Drosophila melanogaster</i> at high temperatures. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 803-814.	1.1	37
424	Revisiting heritability accounting for shared environmental effects and maternal inheritance. <i>Human Genetics</i> , 2015, 134, 169-179.	1.8	11
425	Effects of the demographic transition on the genetic variances and covariances of human life-history traits. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 747-755.	1.1	39
426	Genetic and phenotypic changes in an Atlantic salmon population supplemented with non-local individuals: a longitudinal study over 21 years. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142765.	1.2	24
427	Genome-wide interaction analysis reveals replicated epistatic effects on brain structure. <i>Neurobiology of Aging</i> , 2015, 36, S151-S158.	1.5	22
429	Genetic versus environmental contributions to variation in seedling resprouting in <i>Nothofagus obliqua</i> . <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	0.6	7
430	Human-directed social behaviour in dogs shows significant heritability. <i>Genes, Brain and Behavior</i> , 2015, 14, 337-344.	1.1	82
431	The heritability of gestational age in a two-million member cohort: implications for spontaneous preterm birth. <i>Human Genetics</i> , 2015, 134, 803-808.	1.8	42
432	Twin Studies and Epigenetics. , 2015, , 683-702.		3
433	Genetic approaches in comparative and evolutionary physiology. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R197-R214.	0.9	42
434	Sex differences across different racial ability levels: Theories of origin and societal consequences. <i>Intelligence</i> , 2015, 52, 44-62.	1.6	55
435	A narrow heritability evaluation of gestational age at birth. <i>Human Genetics</i> , 2015, 134, 809-811.	1.8	3
436	Divergent selection along climatic gradients in a rare central European endemic species, <i>Saxifraga sponhemica</i> . <i>Annals of Botany</i> , 2015, 115, 1177-1190.	1.4	13
437	Contribution of Large Region Joint Associations to Complex Traits Genetics. <i>PLoS Genetics</i> , 2015, 11, e1005103.	1.5	10
438	Maternal adjustment of offspring provisioning and the consequences for dispersal. <i>Ecology</i> , 2015, 96, 2771-2780.	1.5	26
439	Heritable differences in fitness-related traits among populations of the mustard hill coral, <i>Porites astreoides</i> . <i>Heredity</i> , 2015, 115, 509-516.	1.2	74
440	Breeding the dairy cow of the future: what do we need?. <i>Animal Production Science</i> , 2015, 55, 823.	0.6	30
441	Genomic Heritability: What Is It?. <i>PLoS Genetics</i> , 2015, 11, e1005048.	1.5	298

#	ARTICLE	IF	CITATIONS
442	Imaging Genetics of Neuropsychiatric Disease. , 2015, , 1037-1047.		1
443	Aberrant Gene Expression in Humans. PLoS Genetics, 2015, 11, e1004942.	1.5	60
444	Genetics of Type 2 Diabetesâ€”Pitfalls and Possibilities. Genes, 2015, 6, 87-123.	1.0	337
445	Mixed Model with Correction for Case-Control Ascertainment Increases Association Power. American Journal of Human Genetics, 2015, 96, 720-730.	2.6	60
446	Heritability of telomere length in the Zebra Finch. Journal of Ornithology, 2015, 156, 1113-1123.	0.5	35
447	Genetics and Brain Morphology. Neuropsychology Review, 2015, 25, 63-96.	2.5	49
448	Education and BMI: a genetic informed analysis. Quality and Quantity, 2015, 49, 2577-2593.	2.0	6
449	Does television reflect the evolution of scientific knowledge? The case of attention deficit hyperactivity disorder coverage on French television. Public Understanding of Science, 2015, 24, 200-209.	1.6	27
450	A Meta-analysis of Heritability of Cognitive Aging: Minding the â€œMissing Heritabilityâ€•Gap. Neuropsychology Review, 2015, 25, 97-112.	2.5	44
451	Recent Advances in the Genetics of Autism Spectrum Disorder. Current Neurology and Neuroscience Reports, 2015, 15, 36.	2.0	58
452	Replication and Heritability of Prostate Cancer Risk Variants: Impact of Population-Specific Factors. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 938-943.	1.1	13
454	Genetics in child and adolescent psychiatry: methodological advances and conceptual issues. European Child and Adolescent Psychiatry, 2015, 24, 619-634.	2.8	9
455	Quantitative variability of 342 plasma proteins in a human twin population. Molecular Systems Biology, 2015, 11, 786.	3.2	300
456	Variation and covariation in strongyle infection in East African shorthorn zebu calves. Parasitology, 2015, 142, 499-511.	0.7	3
457	Analysis of the genetic architecture of susceptibility to cervical cancer indicates that common SNPs explain a large proportion of the heritability. Carcinogenesis, 2015, 36, 992-998.	1.3	24
458	Genome-wide association studies for feed intake and efficiency in two laying periods of chickens. Genetics Selection Evolution, 2015, 47, 82.	1.2	55
459	Two-Variance-Component Model Improves Genetic Prediction in Family Datasets. American Journal of Human Genetics, 2015, 97, 677-690.	2.6	26
460	Genetics of Educational Attainment and the Persistence of Privilege at the Turn of the 21st Century. Social Forces, 2015, 94, 535-561.	0.9	24

#	ARTICLE	IF	CITATIONS
461	Unraveling the intrafamilial correlations and heritability of tumor types in MEN1: a Groupe d'Étude des Tumeurs Endocrines study. <i>European Journal of Endocrinology</i> , 2015, 173, 819-826.	1.9	29
462	Genetic sharing and heritability of paediatric age of onset autoimmune diseases. <i>Nature Communications</i> , 2015, 6, 8442.	5.8	58
463	Use of accelerated aging as a surrogate phenotyping approach to improve endophyte survival during storage of tall fescue seed. <i>Field Crops Research</i> , 2015, 183, 43-49.	2.3	10
464	Cortical Folding of the Primate Brain: An Interdisciplinary Examination of the Genetic Architecture, Modularity, and Evolvability of a Significant Neurological Trait in Pedigreed Baboons (<i>Genus Papio</i>). <i>Genetics</i> , 2015, 200, 651-665.	1.2	48
465	Comparisons of chewing rhythm, craniomandibular morphology, body mass and height between mothers and their biological daughters. <i>Archives of Oral Biology</i> , 2015, 60, 1667-1674.	0.8	5
466	Genetic variation for leaf morphology, leaf structure and leaf carbon isotope discrimination in European populations of black poplar (<i>Populus nigra</i> L.). <i>Tree Physiology</i> , 2015, 35, 850-863.	1.4	34
467	Contributions of maternal and paternal adiposity and smoking to adult offspring adiposity and cardiovascular risk: the Midspan Family Study. <i>BMJ Open</i> , 2015, 5, e007682.	0.8	27
468	A meta analysis of genome-wide association studies for limb bone lengths in four pig populations. <i>BMC Genetics</i> , 2015, 16, 95.	2.7	26
469	The Evolution and Adaptive Potential of Transcriptional Variation in Sticklebacks—Signatures of Selection and Widespread Heritability. <i>Molecular Biology and Evolution</i> , 2015, 32, 674-689.	3.5	75
470	Risk Classification With an Adaptive Naive Bayes Kernel Machine Model. <i>Journal of the American Statistical Association</i> , 2015, 110, 393-404.	1.8	20
471	Genetics of chronic post-surgical pain: a crucial step toward personal pain medicine. <i>Canadian Journal of Anaesthesia</i> , 2015, 62, 294-303.	0.7	59
472	Dissecting the Phenotypic Components of Crop Plant Growth and Drought Responses Based on High-Throughput Image Analysis. <i>Plant Cell</i> , 2015, 26, 4636-4655.	3.1	329
473	Metabolome-genome-wide association study dissects genetic architecture for generating natural variation in rice secondary metabolism. <i>Plant Journal</i> , 2015, 81, 13-23.	2.8	152
474	Genotype and environment effects on tocopherol and plastochromanol-8 contents of winter oilseed rape doubled haploid lines derived from F1 plants of the cross between yellow and black seeds. <i>Industrial Crops and Products</i> , 2015, 65, 134-141.	2.5	18
475	Identification of significant single nucleotide polymorphisms for resistance to maize rough dwarf disease in elite maize (<i>Zea mays</i> L.) inbred lines. <i>Euphytica</i> , 2015, 203, 109-120.	0.6	18
476	Gene-exercise interactions in the development of cardiometabolic diseases. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2016, 5, 25-36.	0.2	4
477	Marker-Based Estimates Reveal Significant Nonadditive Effects in Clonally Propagated Cassava (<i>Manihot esculenta</i>): Implications for the Prediction of Total Genetic Value and the Selection of Varieties. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3497-3506.	0.8	34
478	Genomic Prediction of Manganese Efficiency in Winter Barley. <i>Plant Genome</i> , 2016, 9, plantgenome2015.09.0085.	1.6	7

#	ARTICLE	IF	CITATIONS
479	Environmental and Genetic Factors Explain Differences in Intraocular Scattering. , 2016, 57, 163.		9
480	Forensic Ancestry Assessment Using Cranial Nonmetric Traits Traditionally Applied to Biological Distance Studies. , 2016, , 213-230.		9
481	Evidence for Heterosis in Italian Ryegrass (<i>Lolium multiflorum</i> Lam.) Based on Inbreeding Depression in F2 Generation Offspring from Biparental Crosses. <i>Agronomy</i> , 2016, 6, 49.	1.3	18
482	A Cellular GWAS Approach to Define Human Variation in Cellular Pathways Important to Inflammation. <i>Pathogens</i> , 2016, 5, 39.	1.2	7
484	Segregation and Heritability of Male Sterility in Populations Derived from Progeny of Satsuma Mandarin. <i>PLoS ONE</i> , 2016, 11, e0162408.	1.1	22
485	Genetic Loci and Novel Discrimination Measures Associated with Blood Pressure Variation in African Americans Living in Tallahassee. <i>PLoS ONE</i> , 2016, 11, e0167700.	1.1	37
486	Natural Genetic Variation of Seed Micronutrients of <i>Arabidopsis thaliana</i> Grown in Zinc-Deficient and Zinc-Amended Soil. <i>Frontiers in Plant Science</i> , 2016, 7, 1070.	1.7	7
487	The Status-Achievement Process: Insights from Genetics. <i>Frontiers in Sociology</i> , 2016, 1, .	1.0	9
488	Heritability of social anxiety disorder: a systematic review of methodological designs. <i>Revista De Psiquiatria Clinica</i> , 2016, 43, 83-92.	0.6	10
489	Development and significance of automated history-taking software for clinical medicine, clinical research and basic medical science. <i>Journal of Internal Medicine</i> , 2016, 280, 287-299.	2.7	30
490	Efficient Software for Multi-marker, Region-Based Analysis of GWAS Data. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1023-1030.	0.8	6
491	Genetic determinants of cardiometabolic risk factors in rural families in Brazil. <i>American Journal of Human Biology</i> , 2016, 28, 619-626.	0.8	3
492	Meta-analytic research on the relationship between cumulative risk alleles and risk of type 2 diabetes mellitus. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 178-186.	1.7	2
493	Tipping the scales: Evolution of the allometric slope independent of average trait size. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 433-444.	1.1	40
494	Neurological soft signs in patients with schizophrenia: current knowledge and future perspectives in the post-genomics era. <i>Translational Developmental Psychiatry</i> , 2016, 4, 30071.	0.3	6
495	Rising Out of the Ashes: Additive Genetic Variation for Crown and Collar Resistance to <i>Hymenoscyphus fraxineus</i> in <i>Fraxinus excelsior</i> . <i>Phytopathology</i> , 2016, 106, 1535-1543.	1.1	44
496	Bonobo personality traits are heritable and associated with vasopressin receptor gene 1a variation. <i>Scientific Reports</i> , 2016, 6, 38193.	1.6	47
497	Multi-Population Selective Genotyping to Identify Soybean [<i>Glycine max</i> (L.) Merr.] Seed Protein and Oil QTLs. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1635-1648.	0.8	45

#	ARTICLE	IF	CITATIONS
499	Maternal effects and <i>Symbiodinium</i> community composition drive differential patterns in juvenile survival in the coral <i>Acropora tenuis</i> . Royal Society Open Science, 2016, 3, 160471.	1.1	86
500	On high-dimensional misspecified mixed model analysis in genome-wide association study. Annals of Statistics, 2016, 44, .	1.4	38
501	A uniform survey of allele-specific binding and expression over 1000-Genomes-Project individuals. Nature Communications, 2016, 7, 11101.	5.8	78
503	GWAS: a milestone in the road from genotypes to phenotypes. , 2016, , 12-25.		1
504	Introduction to statistical methods in genome-wide association studies. , 0, , 26-52.		0
505	Familial Risk for Exceptional Longevity. North American Actuarial Journal, 2016, 20, 57-64.	0.8	14
506	Seasonal time constraints reduce genetic variation in life-history traits along a latitudinal gradient. Journal of Animal Ecology, 2016, 85, 187-198.	1.3	36
507	Genome-Wide Estimates of Heritability for Social Demographic Outcomes. Biodemography and Social Biology, 2016, 62, 1-18.	0.4	8
508	Can Chronic Pain Be Prevented?. Anesthesiology Clinics, 2016, 34, 303-315.	0.6	12
509	Genetic Determinants of Risk, Severity, and Outcome in Intracerebral Hemorrhage. Seminars in Neurology, 2016, 36, 298-305.	0.5	4
510	Role of <i>p53</i> , Mitochondrial DNA Deletions, and Paternal Age in Autism: A Case-Control Study. Pediatrics, 2016, 137, .	1.0	18
511	PNPLA3 gene in liver diseases. Journal of Hepatology, 2016, 65, 399-412.	1.8	205
512	Genomic selection across multiple breeding cycles in applied bread wheat breeding. Theoretical and Applied Genetics, 2016, 129, 1179-1189.	1.8	102
513	Ant Genetics: Reproductive Physiology, Worker Morphology, and Behavior. Annual Review of Neuroscience, 2016, 39, 41-56.	5.0	33
514	Family history of rheumatoid arthritis: an old concept with new developments. Nature Reviews Rheumatology, 2016, 12, 335-343.	3.5	82
515	White Matter Hyperintensities Are Under Strong Genetic Influence. Stroke, 2016, 47, 1422-1428.	1.0	38
516	Protein expression and genetic variability of canine Can f 1 in golden and Labrador retriever service dogs. Canine Genetics and Epidemiology, 2016, 3, 3.	2.9	6
517	Recent progress in genetics, epigenetics and metagenomics unveils the pathophysiology of human obesity. Clinical Science, 2016, 130, 943-986.	1.8	281

#	ARTICLE	IF	CITATIONS
518	Development of brain networks and relevance of environmental and genetic factors: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 215-239.	2.9	59
520	Morphometricity as a measure of the neuroanatomical signature of a trait. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5749-56.	3.3	53
521	Lipid phenotype and heritage pattern in families with genetic hypercholesterolemia not related to LDLR, APOB, PCSK9, or APOE. <i>Journal of Clinical Lipidology</i> , 2016, 10, 1397-1405.e2.	0.6	12
522	On the maintenance of genetic variation and adaptation to environmental change: considerations from population genomics in fishes. <i>Journal of Fish Biology</i> , 2016, 89, 2519-2556.	0.7	187
523	Genotype-by-environment interactions during early development of the sea urchin <i>Evechinus chloroticus</i> . <i>Marine Biology</i> , 2016, 163, 1.	0.7	6
524	Detecting polygenic selection in marine populations by combining population genomics and quantitative genetics approaches. <i>Environmental Epigenetics</i> , 2016, 62, 603-616.	0.9	67
525	Evidence for and Against Genetic Predispositions to Acute and Chronic Altitude Illnesses. <i>High Altitude Medicine and Biology</i> , 2016, 17, 281-293.	0.5	25
526	Polygenic Epidemiology. <i>Genetic Epidemiology</i> , 2016, 40, 268-272.	0.6	160
527	Nationwide Genomic Study in Denmark Reveals Remarkable Population Homogeneity. <i>Genetics</i> , 2016, 204, 711-722.	1.2	54
528	Missing heritability of complex diseases: Enlightenment by genetic variants from intermediate phenotypes. <i>BioEssays</i> , 2016, 38, 664-673.	1.2	52
529	Additive and Synergetic Contributions of Neuroticism and Life Events to Depression and Anxiety in Women. <i>European Journal of Personality</i> , 2016, 30, 390-405.	1.9	26
530	Heritability and evolvability of fitness and nonfitness traits: Lessons from livestock. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1770-1779.	1.1	35
531	Similar recent selection criteria associated with different behavioural effects in two dog breeds. <i>Genes, Brain and Behavior</i> , 2016, 15, 750-756.	1.1	21
532	Partitioning the variance in calorie restriction-induced weight and fat loss in outbred mice. <i>Obesity</i> , 2016, 24, 2111-2117.	1.5	0
533	Investigating heritability of laterality and cognitive control in speech perception. <i>Brain and Cognition</i> , 2016, 109, 34-39.	0.8	20
534	Bayesian Inference of the Evolution of a Phenotype Distribution on a Phylogenetic Tree. <i>Genetics</i> , 2016, 204, 89-98.	1.2	40
535	Repeatability of locomotor performance and of morphology – locomotor performance relationships. <i>Journal of Experimental Biology</i> , 2016, 219, 2888-2897.	0.8	23
536	Nature or Nurture? Heritability in the Classroom. <i>Physiological and Biochemical Zoology</i> , 2016, 89, 457-461.	0.6	0

#	ARTICLE	IF	CITATIONS
537	Application of unmanned aerial systems for high throughput phenotyping of large wheat breeding nurseries. <i>Plant Methods</i> , 2016, 12, 35.	1.9	200
538	Evolution and Agriculture II. Evolutionary Applications to Breeding. , 2016, , 25-31.		2
539	Heritability of Recurrent Exertional Rhabdomyolysis in Standardbred and Thoroughbred Racehorses Derived From SNP Genotyping Data. <i>Journal of Heredity</i> , 2016, 107, 537-543.	1.0	17
540	Introduction to Statistical Methods for Integrative Data Analysis in Genome-Wide Association Studies. , 2016, , 3-23.		3
541	Accuracy of heritability estimations in presence of hidden population stratification. <i>Scientific Reports</i> , 2016, 6, 26471.	1.6	19
542	Increases in the mean and variability of thermal regimes result in differential phenotypic responses among genotypes during early ontogenetic stages of lake sturgeon (<i>Acipenser fulvescens</i>). <i>Evolutionary Applications</i> , 2016, 9, 1258-1270.	1.5	22
543	Variational bayesian method of estimating variance components. <i>Animal Science Journal</i> , 2016, 87, 863-872.	0.6	2
544	Dissimilarity based Partial Least Squares (DPLS) for genomic prediction from SNPs. <i>BMC Genomics</i> , 2016, 17, 324.	1.2	4
545	Parents face quantityâ€“quality trade-offs between reproduction and investment in offspring in Iceland. <i>Royal Society Open Science</i> , 2016, 3, 160087.	1.1	11
546	Familial Aggregation and Heritability of <i>Wuchereria bancrofti</i> Infection. <i>Journal of Infectious Diseases</i> , 2016, 214, 587-594.	1.9	7
547	Fast and Accurate Construction of Confidence Intervals for Heritability. <i>American Journal of Human Genetics</i> , 2016, 98, 1181-1192.	2.6	31
548	On the genetic bias of the quarter of birth instrument. <i>Economics and Human Biology</i> , 2016, 21, 137-146.	0.7	8
549	Phenomics for photosynthesis, growth and reflectance in <i>Arabidopsis thaliana</i> reveals circadian and long-term fluctuations in heritability. <i>Plant Methods</i> , 2016, 12, 14.	1.9	97
550	Negative genetic correlation between resistance against <i>Piscirickettsia salmonis</i> and harvest weight in coho salmon (<i>Oncorhynchus kisutch</i>). <i>Aquaculture</i> , 2016, 459, 8-13.	1.7	63
551	BDNF rs6265 methylation and genotype interact on risk for schizophrenia. <i>Epigenetics</i> , 2016, 11, 11-23.	1.3	48
552	Genetics of Bipolar Disorder. <i>Psychiatric Clinics of North America</i> , 2016, 39, 139-155.	0.7	77
553	Genome-wide association study of dental caries in the Hispanic Communities Health Study/Study of Latinos (HCHS/SOL). <i>Human Molecular Genetics</i> , 2016, 25, 807-816.	1.4	29
554	Bayesian pedigree inference with small numbers of single nucleotide polymorphisms via a factor-graph representation. <i>Theoretical Population Biology</i> , 2016, 107, 39-51.	0.5	11

#	ARTICLE	IF	CITATIONS
555	Refraction data survey: 2nd generation correlation of myopia. <i>International Ophthalmology</i> , 2016, 36, 609-614.	0.6	5
556	Achieving remarkable mechanochromism and white-light emission with thermally activated delayed fluorescence through the molecular heredity principle. <i>Chemical Science</i> , 2016, 7, 2201-2206.	3.7	210
557	Integrating Nonadditive Genomic Relationship Matrices into the Study of Genetic Architecture of Complex Traits. <i>Journal of Heredity</i> , 2016, 107, 153-162.	1.0	13
558	Prenatal and early life influences on epigenetic age in children: a study of mother's offspring pairs from two cohort studies. <i>Human Molecular Genetics</i> , 2016, 25, 191-201.	1.4	205
559	The Genetics of Stress-Related Disorders: PTSD, Depression, and Anxiety Disorders. <i>Neuropsychopharmacology</i> , 2016, 41, 297-319.	2.8	332
560	Genetics of Lumbar Disk Degeneration. , 2016, , 67-88.		0
561	Kin recognition in a butterfly: inferences about its heritability. <i>Ethology Ecology and Evolution</i> , 2017, 29, 255-265.	0.6	2
562	Modeling Gene-Environment Interactions With Quasi-Natural Experiments. <i>Journal of Personality</i> , 2017, 85, 10-21.	1.8	28
563	Lessons on dietary biomarkers from twin studies. <i>Proceedings of the Nutrition Society</i> , 2017, 76, 303-307.	0.4	4
564	Gray matter heritability in family-based and population-based studies using voxel-based morphometry. <i>Human Brain Mapping</i> , 2017, 38, 2408-2423.	1.9	9
565	Association mapping of morphological traits in wild and captive zebra finches: reliable within, but not between populations. <i>Molecular Ecology</i> , 2017, 26, 1285-1305.	2.0	18
566	Effects of bonding with parents and home culture on intercultural adaptations and the moderating role of genes. <i>Behavioural Brain Research</i> , 2017, 325, 223-236.	1.2	3
567	Research in Computational Molecular Biology. <i>Lecture Notes in Computer Science</i> , 2017, 10229, 389-390.	1.0	1
568	Model based heritability scores for high-throughput sequencing data. <i>BMC Bioinformatics</i> , 2017, 18, 143.	1.2	11
569	Genetic Influence on Accessory Navicular Bone in the Foot: A Korean Twin and Family Study. <i>Twin Research and Human Genetics</i> , 2017, 20, 236-241.	0.3	8
570	Inference on the Genetic Basis of Eye and Skin Color in an Admixed Population via Bayesian Linear Mixed Models. <i>Genetics</i> , 2017, 206, 1113-1126.	1.2	30
571	IGESS: a statistical approach to integrating individual-level genotype data and summary statistics in genome-wide association studies. <i>Bioinformatics</i> , 2017, 33, 2882-2889.	1.8	12
572	The MHC locus and genetic susceptibility to autoimmune and infectious diseases. <i>Genome Biology</i> , 2017, 18, 76.	3.8	384

#	ARTICLE	IF	CITATIONS
573	Gene-Environment Interaction in the Behavioral Sciences: Findings, Challenges, and Prospects. , 2017, , 35-57.		6
574	Heritability analysis with repeat measurements and its application to resting-state functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5521-5526.	3.3	122
575	Novel approach to heritability detection suggests robustness to paternal genotype in a complex morphological trait. Ecology and Evolution, 2017, 7, 4179-4191.	0.8	1
576	The State of Whole-Genome Sequencing. , 2017, , 45-62.		2
577	Animal breeding strategies can improve meat quality attributes within entire populations. Meat Science, 2017, 132, 6-18.	2.7	36
578	Early-Life Effects on Adult Physical Activity: Concepts, Relevance, and Experimental Approaches. Physiological and Biochemical Zoology, 2017, 90, 1-14.	0.6	23
579	The Genetics of Ischemic Heart Disease: From Current Knowledge to Clinical Implications. Revista Espanola De Cardiologia (English Ed), 2017, 70, 754-762.	0.4	6
580	Heritability of arterial stiffness in a Brazilian population. Journal of Hypertension, 2017, 35, 105-110.	0.3	15
581	Trust is heritable, whereas distrust is not. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7007-7012.	3.3	44
582	Resistance against infectious pancreatic necrosis exhibits significant genetic variation and is not genetically correlated with harvest weight in rainbow trout (<i>Oncorhynchus mykiss</i>). Aquaculture, 2017, 479, 155-160.	1.7	34
583	Academic textbooks on ADHD genetics: balanced or biased?. International Journal of Qualitative Studies on Health and Well-being, 2017, 12, 1305590.	0.6	7
584	The befuddling nature of mouse lemur hands and feet at BezÃ Mahafaly, SW Madagascar. American Journal of Primatology, 2017, 79, e22680.	0.8	1
585	How French media have portrayed ADHD to the lay public and to social workers. International Journal of Qualitative Studies on Health and Well-being, 2017, 12, 1298244.	0.6	27
586	Genome-wide prediction for maize single-cross hybrids using the GBLUP model and validation in different crop seasons. Molecular Breeding, 2017, 37, 1.	1.0	16
587	Genetics and educational attainment. Npj Science of Learning, 2017, 2, 4.	1.5	111
588	Time-dependent genetic effects on gene expression implicate aging processes. Genome Research, 2017, 27, 545-552.	2.4	31
589	Genome-wide estimation of heritability and its functional components for flowering, defense, ionomics, and developmental traits in a geographically diverse population of <i>Arabidopsis thaliana</i> . Genome, 2017, 60, 572-580.	0.9	7
590	SOME USES OF MODELS OF QUANTITATIVE GENETIC SELECTION IN SOCIAL SCIENCE. Journal of Biosocial Science, 2017, 49, 15-30.	0.5	0

#	ARTICLE	IF	CITATIONS
591	Prevotella as a Hub for Vaginal Microbiota under the Influence of Host Genetics and Their Association with Obesity. <i>Cell Host and Microbe</i> , 2017, 21, 97-105.	5.1	126
592	Mixed Model Association with Family-Biased Case-Control Ascertainment. <i>American Journal of Human Genetics</i> , 2017, 100, 31-39.	2.6	14
593	Heritability of the Symbiodinium community in vertically- and horizontally-transmitting broadcast spawning corals. <i>Scientific Reports</i> , 2017, 7, 8219.	1.6	89
594	The Heritability of Autism Spectrum Disorder. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1182.	3.8	452
595	The effect of Vietnam-era conscription and genetic potential for educational attainment on schooling outcomes. <i>Economics of Education Review</i> , 2017, 61, 85-97.	0.7	26
596	Estimating Heritability from Nuclear Family and Pedigree Data. <i>Methods in Molecular Biology</i> , 2017, 1666, 195-210.	0.4	6
597	Detecting Familial Aggregation. <i>Methods in Molecular Biology</i> , 2017, 1666, 133-169.	0.4	1
598	Differences in bone structure and unloading-induced bone loss between C57BL/6N and C57BL/6J mice. <i>Mammalian Genome</i> , 2017, 28, 476-486.	1.0	29
599	RL-SKAT: An Exact and Efficient Score Test for Heritability and Set Tests. <i>Genetics</i> , 2017, 207, 1275-1283.	1.2	19
600	Hidden heritability due to heterogeneity across seven populations. <i>Nature Human Behaviour</i> , 2017, 1, 757-765.	6.2	137
601	Enjeux de professionnalisation et de formation des conceptions des troubles mentaux et psychosociaux dans la littérature spécialisée destinée aux travailleurs sociaux: le cas de la maladie d'Alzheimer. <i>Phronesis</i> , 0, 6, 64-81.	0.1	1
602	Genetic determinants of susceptibility to silver nanoparticle-induced acute lung inflammation in mice. <i>FASEB Journal</i> , 2017, 31, 4600-4611.	0.2	28
603	Pathways of Intergenerational Transmission of Advantages during Adolescence: Social Background, Cognitive Ability, and Educational Attainment. <i>Journal of Youth and Adolescence</i> , 2017, 46, 2194-2214.	1.9	24
604	The challenges of GxE: Commentary on "Genetic Endowments, parental resources and adult health: Evidence from the Young Finns Study". <i>Social Science and Medicine</i> , 2017, 188, 201-203.	1.8	5
605	Heritability of growth traits in the Asian seabass (<i>Lates calcarifer</i>). <i>Aquaculture and Fisheries</i> , 2017, 2, 112-118.	1.2	39
607	Detecting gene subnetworks under selection in biological pathways. <i>Nucleic Acids Research</i> , 2017, 45, e149-e149.	6.5	48
608	Association of human height-related genetic variants with familial short stature in Han Chinese in Taiwan. <i>Scientific Reports</i> , 2017, 7, 6372.	1.6	19
609	EigenPrism: Inference for High Dimensional Signal-to-Noise Ratios. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2017, 79, 1037-1065.	1.1	37

#	ARTICLE	IF	CITATIONS
610	Estimates of heritability of atrial fibrillation in the Standardbred racehorse. <i>Equine Veterinary Journal</i> , 2017, 49, 718-722.	0.9	14
611	Bayesian large-scale multiple regression with summary statistics from genome-wide association studies. <i>Annals of Applied Statistics</i> , 2017, 11, 1561-1592.	0.5	128
612	Inequality in genetic cancer risk suggests bad genes rather than bad luck. <i>Nature Communications</i> , 2017, 8, 1165.	5.8	16
613	Obesity Triggers: Sequencing the Genome Versus Sequencing the Environment. <i>Obesity</i> , 2017, 25, 1861-1863.	1.5	4
614	What have humans done for evolutionary biology? Contributions from genes to populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171164.	1.2	10
615	Genotype-covariate interaction effects and the heritability of adult body mass index. <i>Nature Genetics</i> , 2017, 49, 1174-1181.	9.4	119
616	Individual variation in metabolic reaction norms over ambient temperature causes low correlation between basal and standard metabolic rate. <i>Journal of Experimental Biology</i> , 2017, 220, 3280-3289.	0.8	23
617	10 Years of GWAS Discovery: Biology, Function, and Translation. <i>American Journal of Human Genetics</i> , 2017, 101, 5-22.	2.6	2,793
618	Update on the genetic architecture of rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2017, 13, 13-24.	3.5	102
619	Regional heritability mapping and genome-wide association identify loci for complex growth, wood and disease resistance traits in <i>Eucalyptus</i> . <i>New Phytologist</i> , 2017, 213, 1287-1300.	3.5	95
620	Quantitative conservation genetics of wild and managed bees. <i>Conservation Genetics</i> , 2017, 18, 689-700.	0.8	8
621	Correlated response of flesh color to selection for harvest weight in coho salmon (<i>Oncorhynchus</i>). <i>Evolutionary Applications</i> , 2017, 10, 121-139.	1.5	145
622	Understanding and monitoring the consequences of human impacts on intraspecific variation. <i>Evolutionary Applications</i> , 2017, 10, 121-139.	1.5	145
623	ACAN Gene Mutations in Short Children Born SGA and Response to Growth Hormone Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1458-1467.	1.8	50
624	Six low-penetrance SNPs for the estimation of breast cancer heritability: A family-based study in Caucasian Italian patients. <i>Oncology Letters</i> , 2017, 14, 4384-4390.	0.8	2
625	A unified framework for variance component estimation with summary statistics in genome-wide association studies. <i>Annals of Applied Statistics</i> , 2017, 11, 2027-2051.	0.5	98
626	Dissolving the Missing Heritability Problem. <i>Philosophy of Science</i> , 2017, 84, 1055-1067.	0.5	22
627	Exploring Relationships Among Belief in Genetic Determinism, Genetics Knowledge, and Social Factors. <i>Science and Education</i> , 2017, 26, 1223-1259.	1.7	40

#	ARTICLE	IF	CITATIONS
628	Implication of the APP Gene in Intellectual Abilities. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 723-735.	1.2	13
629	Computational Methods in Microbial Population Genomics. <i>Population Genomics</i> , 2017, , 3-29.	0.2	2
631	Genetic Architecture of Flooding Tolerance in the Dry Bean Middle-American Diversity Panel. <i>Frontiers in Plant Science</i> , 2017, 8, 1183.	1.7	54
632	Application of a Bayesian non-linear model hybrid scheme to sequence data for genomic prediction and QTL mapping. <i>BMC Genomics</i> , 2017, 18, 618.	1.2	17
633	The Human Microbiome and the Missing Heritability Problem. <i>Frontiers in Genetics</i> , 2017, 8, 80.	1.1	67
634	Use of genotyping-by-sequencing to determine the genetic structure in the medicinal plant chamomile, and to identify flowering time and alpha-bisabolol associated SNP-loci by genome-wide association mapping. <i>BMC Genomics</i> , 2017, 18, 599.	1.2	29
635	Heritability Estimation using a Regularized Regression Approach (HERRA): Applicable to continuous, dichotomous or age-at-onset outcome. <i>PLoS ONE</i> , 2017, 12, e0181269.	1.1	10
636	graph-GPA: A graphical model for prioritizing GWAS results and investigating pleiotropic architecture. <i>PLoS Computational Biology</i> , 2017, 13, e1005388.	1.5	12
637	Validation and psychometric properties of the Somatic and Psychological HEalth REport (SPHERE) in a young Australian-based population sample using non-parametric item response theory. <i>BMC Psychiatry</i> , 2017, 17, 279.	1.1	13
638	Genotype by trait biplot analysis to study associations and profiles of Ethiopian white lupin (<i>Lupinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 0,1 10		
639	Morphometric characterization of <i>Jatropha curcas</i> germplasm of North-East India. <i>African Journal of Biotechnology</i> , 2017, 16, 648-656.	0.3	1
640	Identification of loci associated with susceptibility to <i>Mycobacterium avium</i> subspecies paratuberculosis (Map) tissue infection in cattle. <i>Journal of Animal Science</i> , 2017, 95, 1080-1091.	0.2	22
641	Progress towards precision medicine for lupus: the role of genetic biomarkers. <i>Expert Review of Precision Medicine and Drug Development</i> , 2018, 3, 119-135.	0.4	4
642	Estimating impacts of the nuclear family and heritability of nutritional outcomes in a boat-dwelling community. <i>American Journal of Human Biology</i> , 2018, 30, e23105.	0.8	9
643	Genetic control and evolutionary potential of a constitutive resistance mechanism against the spruce budworm (<i>Choristoneura fumiferana</i>) in white spruce (<i>Picea glauca</i>). <i>Heredity</i> , 2018, 121, 142-154.	1.2	12
644	Environment dominates over host genetics in shaping human gut microbiota. <i>Nature</i> , 2018, 555, 210-215.	13.7	1,958
645	Quantitative analysis of population-scale family trees with millions of relatives. <i>Science</i> , 2018, 360, 171-175.	6.0	157
646	Heritability of glaucoma and glaucoma-related endophenotypes: systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2018, 8, e019049.	0.8	7

#	ARTICLE	IF	CITATIONS
647	Heritability estimates from genomewide relatedness matrices in wild populations: Application to a passerine, using a small sample size. <i>Molecular Ecology Resources</i> , 2018, 18, 838-853.	2.2	41
648	Bone functional adaptation does not erase neutral evolutionary information. <i>American Journal of Physical Anthropology</i> , 2018, 166, 708-729.	2.1	19
649	Narrow-sense heritability estimation of complex traits using identity-by-descent information. <i>Heredity</i> , 2018, 121, 616-630.	1.2	20
650	Genetic influence on social outcomes during and after the Soviet era in Estonia. <i>Nature Human Behaviour</i> , 2018, 2, 269-275.	6.2	74
651	Unexpected mixed-mode transmission and moderate genetic regulation of Symbiodinium communities in a brooding coral. <i>Heredity</i> , 2018, 121, 524-536.	1.2	53
652	Epigenetics Changes Nothing: What a New Scientific Field Does and Does Not Mean for Ethics and Social Justice. <i>Public Health Ethics</i> , 2018, 11, 69-81.	0.4	20
653	Biomass increase under zinc deficiency caused by delay of early flowering in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2018, 69, 1269-1279.	2.4	11
654	Association mapping reveals candidate loci for resistance and anaemic response to an emerging temperature-driven parasitic disease in a wild salmonid fish. <i>Molecular Ecology</i> , 2018, 27, 1385-1401.	2.0	11
655	Mitigating pest and pathogen impacts using resistant trees: a framework and overview to inform development and deployment in Europe and North America. <i>Forestry</i> , 2018, 91, 1-16.	1.2	25
656	Spontaneous preterm birth: advances toward the discovery of genetic predisposition. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 294-314.e2.	0.7	111
657	Genetic and Environmental Contributions to the Covariation Between Cardiometabolic Traits. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	1
658	Comparison of methods that use whole genome data to estimate the heritability and genetic architecture of complex traits. <i>Nature Genetics</i> , 2018, 50, 737-745.	9.4	205
659	Phenotypic heterogeneity in m.3243A>G mitochondrial disease: The role of nuclear factors. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 333-345.	1.7	102
660	Haplotype Heritability Mapping Method Uncovers Missing Heritability of Complex Traits. <i>Scientific Reports</i> , 2018, 8, 4982.	1.6	14
661	LSMM: a statistical approach to integrating functional annotations with genome-wide association studies. <i>Bioinformatics</i> , 2018, 34, 2788-2796.	1.8	18
662	Crossing Phenotype Heritability and Candidate Gene Expression in Grafted Black-Lipped Pearl Oyster <i>Pinctada margaritifera</i> , an Animal Chimera. <i>Journal of Heredity</i> , 2018, 109, 510-519.	1.0	10
663	Genome-Wide Association Studies and Heritability Estimation in the Functional Genomics Era. <i>Population Genomics</i> , 2018, , 361-425.	0.2	6
664	A Simple Test Identifies Selection on Complex Traits. <i>Genetics</i> , 2018, 209, 321-333.	1.2	18

#	ARTICLE	IF	CITATIONS
665	Estimating average attributable fractions with confidence intervals for cohort and case-control studies. <i>Statistical Methods in Medical Research</i> , 2018, 27, 1141-1152.	0.7	31
666	Genome-wide regression models considering general and specific combining ability predict hybrid performance in oilseed rape with similar accuracy regardless of trait architecture. <i>Theoretical and Applied Genetics</i> , 2018, 131, 299-317.	1.8	41
667	Heritability of Schizophrenia and Schizophrenia Spectrum Based on the Nationwide Danish Twin Register. <i>Biological Psychiatry</i> , 2018, 83, 492-498.	0.7	374
668	Genetic architecture: the shape of the genetic contribution to human traits and disease. <i>Nature Reviews Genetics</i> , 2018, 19, 110-124.	7.7	335
669	Genetic Approaches to the Study of Gene Variants and Their Impact on the Pathophysiology of Type 2 Diabetes. <i>Biochemical Genetics</i> , 2018, 56, 22-55.	0.8	20
670	Heritability of End-Stage Renal Disease: A Swedish Adoption Study. <i>Nephron</i> , 2018, 138, 157-165.	0.9	6
672	Polymorphism in <i>Litopenaeus vannamei</i> genes and cross-species amplification in other shrimp species. <i>Pesquisa Agropecuaria Brasileira</i> , 2018, 53, 121-124.	0.9	2
673	Identification of genes related to intramuscular fat content of pigs using genome-wide association study. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 157-162.	2.4	42
674	Heritability of Anterior Chamber Indices in Rural Population. <i>Journal of Glaucoma</i> , 2018, 27, 1165-1168.	0.8	1
675	Factors influencing test porosity in planktonic foraminifera. <i>Biogeosciences</i> , 2018, 15, 6607-6619.	1.3	17
676	Genomic and transcriptomic signals of thermal tolerance in heat-tolerant corals (<i>Platygyra</i>). <i>Overlock</i> , 2018, 10, Tf 50-34.	2.0	63
677	Detecting heritable phenotypes without a model using fast permutation testing for heritability and set-tests. <i>Nature Communications</i> , 2018, 9, 4919.	5.8	6
678	Methods and Tools in Genome-wide Association Studies. <i>Methods in Molecular Biology</i> , 2018, 1819, 93-136.	0.4	11
679	A scalable estimator of SNP heritability for biobank-scale data. <i>Bioinformatics</i> , 2018, 34, i187-i194.	1.8	37
680	Moderating effect of mode of delivery on the genetics of intelligence: Explorative genome-wide analyses in ALSPAC. <i>Brain and Behavior</i> , 2018, 8, e01144.	1.0	6
681	Estimating Genetic Relatedness in Admixed Populations. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3203-3220.	0.8	5
682	Spatially Dense 3D Facial Heritability and Modules of Co-heritability in a Father-Offspring Design. <i>Frontiers in Genetics</i> , 2018, 9, 554.	1.1	12
683	Effects of pathogenic CNVs on physical traits in participants of the UK Biobank. <i>BMC Genomics</i> , 2018, 19, 867.	1.2	61

#	ARTICLE	IF	CITATIONS
684	Dissection of genetic variation and evidence for pleiotropy in male pattern baldness. <i>Nature Communications</i> , 2018, 9, 5407.	5.8	65
685	Selection for Some Functional Markers for Adaptability of <i>Helianthus argophyllus</i> — <i>Helianthus annuus</i> Derived Population under Abiotic Stress Conditions. <i>Helia</i> , 2018, 41, 83-108.	0.0	4
686	Facial Genetics: A Brief Overview. <i>Frontiers in Genetics</i> , 2018, 9, 462.	1.1	79
687	Coevolution of Mathematics, Statistics, and Genetics. , 2018, , 1-33.		0
688	Does education attenuate the genetic risk of obesity? Evidence from U.K. Twins. <i>Economics and Human Biology</i> , 2018, 31, 200-208.	0.7	7
689	Population-Based Estimates of Heritability Shed New Light on Clinical Features of Major Depression. <i>American Journal of Psychiatry</i> , 2018, 175, 1058-1060.	4.0	4
690	Cytoplasmic male sterile and doubled haploid lines with desirable combining ability enhances the concentration of important antioxidant attributes in <i>Brassica oleracea</i> . <i>Euphytica</i> , 2018, 214, 1.	0.6	32
691	Genome-wide association studies for corneal and refractive astigmatism in UK Biobank demonstrate a shared role for myopia susceptibility loci. <i>Human Genetics</i> , 2018, 137, 881-896.	1.8	46
692	Cardiovascular Risk Factors Track From Mother to Child. <i>Journal of the American Heart Association</i> , 2018, 7, e009536.	1.6	23
693	The daunting polygenicity of mental illness: making a new map. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170031.	1.8	45
694	Maturational Changes of Delta Waves in Monozygotic and Dizygotic Infant Twins. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951879710.	2.3	1
695	Does the heritability of cognitive abilities vary as a function of parental education? Evidence from a German twin sample. <i>PLoS ONE</i> , 2018, 13, e0196597.	1.1	8
696	Genetics and genomics of animal welfare. , 2018, , 25-48.		5
697	Genomic selection in soybean: accuracy and time gain in relation to phenotypic selection. <i>Molecular Breeding</i> , 2018, 38, 1.	1.0	38
698	Rigor and reproducibility in genetic research on eating disorders. <i>International Journal of Eating Disorders</i> , 2018, 51, 593-607.	2.1	17
699	Disease Heritability Inferred from Familial Relationships Reported in Medical Records. <i>Cell</i> , 2018, 173, 1692-1704.e11.	13.5	79
700	Evaluation of morpho-physiological traits of MRQ74 pyramided lines with drought yield QTLs. <i>Euphytica</i> , 2018, 214, 1.	0.6	4
701	RADseq approaches and applications for forest tree genetics. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	0.6	58

#	ARTICLE	IF	CITATIONS
702	Large-scale replicated field study of maize rhizosphere identifies heritable microbes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7368-7373.	3.3	435
703	Using Stochastic Approximation Techniques to Efficiently Construct Confidence Intervals for Heritability. Journal of Computational Biology, 2018, 25, 794-808.	0.8	11
704	Heritability and Evolutionary Potential Drive Cold Hardiness in the Overwintering Ophraella communa Beetles. Frontiers in Physiology, 2018, 9, 666.	1.3	13
705	Genetic Analysis of Flooding Tolerance in an Andean Diversity Panel of Dry Bean (<i>Phaseolus vulgaris</i>) Tj ETQq1 1 0.784314 rgBT /Over 1.7	1.7	67
706	Trends in broad-sense heritability and predicted selection gains for the coastal short cycle breeding sugarcane programmes in South Africa. South African Journal of Plant and Soil, 2018, 35, 89-99.	0.4	1
707	Inferences of genetic architecture of bill morphology in house sparrow using a high-density SNP array point to a polygenic basis. Molecular Ecology, 2018, 27, 3498-3514.	2.0	45
708	The expression of neurological soft signs in two African populations with first-episode schizophrenia. Transcultural Psychiatry, 2018, 55, 669-688.	0.9	3
709	Genome-Wide Association and Regional Heritability Mapping of Plant Architecture, Lodging and Productivity in <i>Phaseolus vulgaris</i> . G3: Genes, Genomes, Genetics, 2018, 8, 2841-2854.	0.8	41
711	Genotype scores predict drug efficacy in subtypes of female sexual interest/arousal disorder: A double-blind, randomized, placebo-controlled cross-over trial. Women's Health, 2018, 14, 174550651878897.	0.7	5
712	Genetics of Diabetes and Diabetic Complications. Endocrinology, 2018, , 1-60.	0.1	0
713	Natural variation of chronological aging in the <i>Saccharomyces cerevisiae</i> species reveals diet-dependent mechanisms of life span control. Npj Aging and Mechanisms of Disease, 2018, 4, 3.	4.5	23
714	WISARD: workbench for integrated superfast association studies for related datasets. BMC Medical Genomics, 2018, 11, 39.	0.7	11
715	Epigenetic supersimilarity of monozygotic twin pairs. Genome Biology, 2018, 19, 2.	3.8	89
716	An Atlas of Genetic Variation Linking Pathogen-Induced Cellular Traits to Human Disease. Cell Host and Microbe, 2018, 24, 308-323.e6.	5.1	48
717	Epigenetic Modifications Linked to T2D, the Heritability Gap, and Potential Therapeutic Targets. Biochemical Genetics, 2018, 56, 553-574.	0.8	11
718	Heritability and longitudinal outcomes of spelling skills in individuals with histories of early speech and language disorders. Learning and Individual Differences, 2018, 65, 1-11.	1.5	18
719	Modeling the Covariance Structure of Complex Datasets Using Cognitive Models: An Application to Individual Differences and the Heritability of Cognitive Ability. Cognitive Science, 2018, 42, 1925-1944.	0.8	21
720	Strong impact of thermal environment on the quantitative genetic basis of a key stress tolerance trait. Heredity, 2019, 122, 315-325.	1.2	38

#	ARTICLE	IF	CITATIONS
721	Improving conservation policy with genomics: a guide to integrating adaptive potential into U.S. Endangered Species Act decisions for conservation practitioners and geneticists. <i>Conservation Genetics</i> , 2019, 20, 115-134.	0.8	95
722	Heritability estimation and differential analysis of count data with generalized linear mixed models in genomic sequencing studies. <i>Bioinformatics</i> , 2019, 35, 487-496.	1.8	60
723	Heritability of Regional Brain Volumes in Large-Scale Neuroimaging and Genetic Studies. <i>Cerebral Cortex</i> , 2019, 29, 2904-2914.	1.6	36
724	Optimizing the Power to Identify the Genetic Basis of Complex Traits with Evolve and Resequencing Studies. <i>Molecular Biology and Evolution</i> , 2019, 36, 2890-2905.	3.5	14
725	Variance Components Models for Analysis of Big Family Data of Health Outcomes in the Lifelines Cohort Study. <i>Twin Research and Human Genetics</i> , 2019, 22, 4-13.	0.3	2
726	A regression framework to uncover pleiotropy in large-scale electronic health record data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 1083-1090.	2.2	9
727	Heritability estimation of dichotomous phenotypes using a liability threshold model on ascertained family-based samples. <i>Genetic Epidemiology</i> , 2019, 43, 761-775.	0.6	2
728	Evolutionary quantitative genetics of juvenile body size in a population of feral horses reveals sexually antagonistic selection. <i>Evolutionary Ecology</i> , 2019, 33, 567-584.	0.5	2
729	Dumb or smart asses? Donkey's (<i>Equus asinus</i>) cognitive capabilities share the heritability and variation patterns of human's (<i>Homo sapiens</i>) cognitive capabilities. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2019, 33, 63-74.	0.5	17
730	Thinking About the Evolution of Complex Traits in the Era of Genome-Wide Association Studies. <i>Annual Review of Genomics and Human Genetics</i> , 2019, 20, 461-493.	2.5	186
731	Accurate estimation of SNP-heritability from biobank-scale data irrespective of genetic architecture. <i>Nature Genetics</i> , 2019, 51, 1244-1251.	9.4	69
732	A Brief Review of Genetic Approaches to the Study of Food Preferences: Current Knowledge and Future Directions. <i>Nutrients</i> , 2019, 11, 1735.	1.7	20
733	Estimation of genetic, heritability, and phenotypic trends for weight and wool traits in Rambouillet sheep. <i>Small Ruminant Research</i> , 2019, 177, 133-140.	0.6	25
734	How herd best linear unbiased estimates affect the progress achievable from gains in additive and nonadditive genetic merit. <i>Journal of Dairy Science</i> , 2019, 102, 5295-5304.	1.4	11
735	Association Mapping and Disease: Evolutionary Perspectives. <i>Methods in Molecular Biology</i> , 2019, 1910, 533-553.	0.4	0
736	Estimating Biomass and Canopy Height With LiDAR for Field Crop Breeding. <i>Frontiers in Plant Science</i> , 2019, 10, 1145.	1.7	79
737	A genome-wide association study of periodontitis. <i>Journal of Japanese Society of Periodontology</i> , 2019, 61, 127-135.	0.1	1
738	Correlations, path coefficient analysis and phenotypic diversity of a West African germplasm of Kersting's groundnut [<i>Macrotyloma geocarpum</i> (Harms) MarÅ©chal & Baudet]. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 1825-1842.	0.8	11

#	ARTICLE	IF	CITATIONS
739	Genetic contributions to variation in human stature in prehistoric Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21484-21492.	3.3	64
740	Waterlogging Tolerance at Germination in Field Pea: Variability, Genetic Control, and Indirect Selection. <i>Frontiers in Plant Science</i> , 2019, 10, 953.	1.7	15
741	Evaluation of a global spring wheat panel for stripe rust: Resistance loci validation and novel resources identification. <i>PLoS ONE</i> , 2019, 14, e0222755.	1.1	21
742	Genome-wide association studies and genetic testing: understanding the science, success, and future of a rapidly developing field. <i>Journal of the American Veterinary Medical Association</i> , 2019, 255, 1126-1136.	0.2	10
743	Anthropometric heritability and child growth in a Caribbean village: A quantitative genetic analysis of longitudinal height, weight, and body mass index in Bwa Mawego, Dominica. <i>American Journal of Physical Anthropology</i> , 2019, 170, 393-403.	2.1	3
744	In search of the links between decomposition ecology and evolution: the Arabidopsis connection. <i>New Phytologist</i> , 2019, 224, 1409-1411.	3.5	0
745	Birth Weight and Development: Bias or Heterogeneity by Polygenic Risk Factors?. <i>Population Research and Policy Review</i> , 2019, 38, 811-839.	1.0	3
746	Impact of genotype, seed composition, agronomic trait, and environment on soybean test weight. <i>Journal of Crop Improvement</i> , 2019, 33, 711-729.	0.9	5
747	Current Insights into the Role of the Growth Hormone-Insulin-Like Growth Factor System in Short Children Born Small for Gestational Age. <i>Hormone Research in Paediatrics</i> , 2019, 92, 15-27.	0.8	23
748	Estimation of variance components, heritability and the ridge penalty in high-dimensional generalized linear models. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019, , 1-19.	0.6	5
749	Resolving complexity in mitochondrial disease: Towards precision medicine. <i>Molecular Genetics and Metabolism</i> , 2019, 128, 19-29.	0.5	25
750	Genetic and Environmental Influences on the Correlations between Traits of Metabolic Syndrome and CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1590-1596.	2.2	4
751	Heritability of blood pressure traits in diverse populations: a systematic review and meta-analysis. <i>Journal of Human Hypertension</i> , 2019, 33, 775-785.	1.0	28
752	Breeding for dual-purpose wheat varieties using marker-trait associations for biomass yield and quality traits. <i>Theoretical and Applied Genetics</i> , 2019, 132, 3375-3398.	1.8	15
753	Highly heritable and functionally relevant breed differences in dog behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190716.	1.2	69
754	Comparison of methods for multivariate gene-based association tests for complex diseases using common variants. <i>European Journal of Human Genetics</i> , 2019, 27, 811-823.	1.4	24
756	Genetics of Eating Disorders. <i>Psychiatric Clinics of North America</i> , 2019, 42, 59-73.	0.7	49
757	Genetic influences on treatment-seeking for common mental health problems in the UK biobank. <i>Behaviour Research and Therapy</i> , 2019, 121, 103413.	1.6	7

#	ARTICLE	IF	CITATIONS
758	Heritability of semantic verbal fluency task using time-interval analysis. PLoS ONE, 2019, 14, e0217814.	1.1	4
759	Heritability of glaucoma and glaucoma-related endophenotypes: Systematic review and meta-analysis. Survey of Ophthalmology, 2019, 64, 835-851.	1.7	34
760	High-Diversity Mouse Populations for Complex Traits. Trends in Genetics, 2019, 35, 501-514.	2.9	116
762	Estimation of metabolic syndrome heritability in three large populations including full pedigree and genomic information. Human Genetics, 2019, 138, 739-748.	1.8	4
763	What Is the Heritability of Periodontitis? A Systematic Review. Journal of Dental Research, 2019, 98, 632-641.	2.5	63
764	Nonlinear phenotypic variation uncovers the emergence of heterosis in <i>Arabidopsis thaliana</i> . PLoS Biology, 2019, 17, e3000214.	2.6	34
765	Benefits and limitations of genome-wide association studies. Nature Reviews Genetics, 2019, 20, 467-484.	7.7	1,226
766	Genetic parameters for reproductive, longevity and lifetime production traits in <i>Ãsaro</i> pigs. Livestock Science, 2019, 225, 129-134.	0.6	9
767	Gene-Environment Correlation in Humans: Lessons from Psychology for Quantitative Genetics. Journal of Heredity, 2019, 110, 455-466.	1.0	14
768	High-Throughput Field Imaging and Basic Image Analysis in a Wheat Breeding Programme. Frontiers in Plant Science, 2019, 10, 449.	1.7	34
769	Heritability of plumage colour morph variation in a wild population of promiscuous, long-lived Australian magpies. Heredity, 2019, 123, 349-358.	1.2	3
770	Genetic Contributions to Loneliness and Their Relevance to the Evolutionary Theory of Loneliness. Perspectives on Psychological Science, 2019, 14, 376-396.	5.2	51
772	Genetics and Education: Recent Developments in the Context of an Ugly History and an Uncertain Future. AERA Open, 2019, 5, 233285841881051.	1.3	39
773	Heritable variation in bleaching responses and its functional genomic basis in reef-building corals (<i>Orbicella faveolata</i>). Molecular Ecology, 2019, 28, 2238-2253.	2.0	40
774	Primers on nutrigenetics and nutri(epi)genomics: Origins and development of precision nutrition. Biochimie, 2019, 160, 156-171.	1.3	58
775	Integrating Gene Expression Data Into Genomic Prediction. Frontiers in Genetics, 2019, 10, 126.	1.1	57
776	High-throughput screening and classification of chemicals and their effects on neuronal gene expression using RASL-seq. Scientific Reports, 2019, 9, 4529.	1.6	22
777	Eco-evolution on the edge during climate change. Ecography, 2019, 42, 1280-1297.	2.1	122

#	ARTICLE	IF	CITATIONS
778	Heritability and individuality of the plasma sodium concentration: a twin study in the United States veteran population. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F1114-F1123.	1.3	5
779	Primate microbiomes over time: Longitudinal answers to standing questions in microbiome research. <i>American Journal of Primatology</i> , 2019, 81, e22970.	0.8	46
780	On the relationship between the heritability and the attributable fraction. <i>Human Genetics</i> , 2019, 138, 425-435.	1.8	5
781	Genetic diversity and heritability of economically important traits in captive Australasian snapper (<i>Chrysophrys auratus</i>). <i>Aquaculture</i> , 2019, 505, 190-198.	1.7	23
782	Genetic variations in plant architecture traits in cotton (<i>Gossypium hirsutum</i>) revealed by a genome-wide association study. <i>Crop Journal</i> , 2019, 7, 209-216.	2.3	16
783	Unravelling the Interplay between Genetic and Environmental Contributions in the Unfolding of Personality Differences from Early Adolescence to Young Adulthood. <i>European Journal of Personality</i> , 2019, 33, 221-244.	1.9	20
784	Genetics of bronchopulmonary dysplasia: When things do not match up, it is only the beginning. <i>Journal of Pediatrics</i> , 2019, 208, 298-299.	0.9	8
785	Inheritance of maize (<i>Zea mays</i> L.) leaf traits. <i>International Journal of Genetics and Molecular Biology</i> , 2019, 11, 41-49.	1.5	0
786	Research Article Genetic parameters prediction (REML/BLUP) for morphological, physical-chemical, phytochemical, and mineral components of primocane-fruited raspberries. <i>Genetics and Molecular Research</i> , 2019, 18, .	0.3	1
787	Effects of the peer metagenomic environment on smoking behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16302-16307.	3.3	26
788	Estimating the effect size of the 15Q11.2 BP1-BP2 deletion and its contribution to neurodevelopmental symptoms: recommendations for practice. <i>Journal of Medical Genetics</i> , 2019, 56, 701-710.	1.5	43
789	Effect of the Reproduction Method in an Artificial Selection Experiment at the Community Level. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	26
790	Evaluating Selection of a Quantitative Trait: Snow Mold Tolerance in Winter Wheat. , 2019, 2, 1-8.		5
791	Heritability of Corneal Curvature and Pentacam Topometric Indices: A Population-Based Study. <i>Eye and Contact Lens</i> , 2019, 45, 365-371.	0.8	6
792	Genetics and Gene-Environment Interactions in Childhood and Adult Onset Asthma. <i>Frontiers in Pediatrics</i> , 2019, 7, 499.	0.9	59
793	Heritability of a resting heart rate in a 20-year follow-up family cohort with GWAS data: Insights from the STANISLAS cohort. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1334-1341.	0.8	12
794	Estimation of heritability and familial correlation in myopia is not affected by past sun exposure. <i>Ophthalmic Genetics</i> , 2019, 40, 500-506.	0.5	4
795	A Life History Approach to the Female Sexual Orientation Spectrum: Evolution, Development, Causal Mechanisms, and Health. <i>Archives of Sexual Behavior</i> , 2019, 48, 1273-1308.	1.2	78

#	ARTICLE	IF	CITATIONS
796	Common Heritable Immunological Variations Revealed in Genetically Diverse Inbred Mouse Strains of the Collaborative Cross. <i>Journal of Immunology</i> , 2019, 202, 777-786.	0.4	26
797	Outrageous fortune or destiny? Family influences on status achievement in the early life course. <i>Social Science Research</i> , 2019, 80, 30-50.	1.1	5
798	Predicting Polygenic Risk of Psychiatric Disorders. <i>Biological Psychiatry</i> , 2019, 86, 97-109.	0.7	252
799	Interpreting polygenic scores, polygenic adaptation, and human phenotypic differences. <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 26-34.	1.1	90
800	Heritability estimates for nutritional quality-related traits of the Pacific oyster, <i>Crassostrea gigas</i> . <i>Journal of the World Aquaculture Society</i> , 2019, 50, 738-748.	1.2	16
801	Prediction of genetic value for sweet cherry fruit maturity among environments using a 6K SNP array. <i>Horticulture Research</i> , 2019, 6, 6.	2.9	25
802	Estimation of genetic parameters for BW and body measurements in Brahman cattle. <i>Animal</i> , 2019, 13, 1576-1582.	1.3	11
803	Genetic control of the mouse HDL proteome defines HDL traits, function, and heterogeneity. <i>Journal of Lipid Research</i> , 2019, 60, 594-608.	2.0	19
804	Association genetics of carbon isotope discrimination and leaf morphology in a breeding population of <i>Juglans regia</i> L.. <i>Tree Genetics and Genomes</i> , 2019, 15, 1.	0.6	42
805	Myopia: is the nature-nurture debate finally over?. <i>Australasian journal of optometry</i> , The, 2019, 102, 3-17.	0.6	77
806	A stochastic epigenetic Mendelian oligogenic disease model for type 1 diabetes. <i>Journal of Autoimmunity</i> , 2019, 96, 123-133.	3.0	4
807	Optimising the identification of causal variants across varying genetic architectures in crops. <i>Plant Biotechnology Journal</i> , 2019, 17, 893-905.	4.1	29
808	Genome-wide discovery of epistatic loci affecting antibiotic resistance in <i>Neisseria gonorrhoeae</i> using evolutionary couplings. <i>Nature Microbiology</i> , 2019, 4, 328-338.	5.9	41
809	Quantitative Genetics of Behavior. , 2019, , 80-93.		0
810	Neurogenetic determinants and mechanisms of addiction to nicotine and smoked tobacco. <i>European Journal of Neuroscience</i> , 2019, 50, 2164-2179.	1.2	21
811	Missing heritability of complex diseases: case solved?. <i>Human Genetics</i> , 2020, 139, 103-113.	1.8	109
812	The abiding relevance of mouse models of rare mutations to psychiatric neuroscience and therapeutics. <i>Schizophrenia Research</i> , 2020, 217, 37-51.	1.1	9
813	Where to find accurate information on attention-deficit hyperactivity disorder? A study of scientific distortions among French websites, newspapers, and television programs. <i>Health (United Kingdom)</i> , 2020, 24, 684-700.	0.9	6

#	ARTICLE	IF	CITATIONS
814	The Nature of Traits, Genes and Variation. , 2020, , 3-9.		0
815	Sleep quality, insomnia, and internalizing difficulties in adolescents: insights from a twin study. Sleep, 2020, 43, .	0.6	12
816	Heritability of periodontitis: A systematic review of evidence from animal studies. Archives of Oral Biology, 2020, 109, 104592.	0.8	7
817	Brain Imaging Genomics: Integrated Analysis and Machine Learning. Proceedings of the IEEE, 2020, 108, 125-162.	16.4	100
818	A scaleâ€dependent framework for tradeâ€offs, syndromes, and specialization in organismal biology. Ecology, 2020, 101, e02924.	1.5	155
820	Using whole-genome SNP data to reconstruct a large multi-generation pedigree in apple germplasm. BMC Plant Biology, 2020, 20, 2.	1.6	65
821	Genetic risk for dengue hemorrhagic fever and dengue fever in multiple ancestries. EBioMedicine, 2020, 51, 102584.	2.7	10
822	The genetics of bipolar disorder. Molecular Psychiatry, 2020, 25, 544-559.	4.1	161
823	Twin studies of subjective sleep quality and sleep duration, and their behavioral correlates: Systematic review and meta-analysis of heritability estimates. Neuroscience and Biobehavioral Reviews, 2020, 109, 78-89.	2.9	36
824	Intergenerational Transmission of Frontal Alpha Asymmetry Among Motherâ€Infant Dyads. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 420-428.	1.1	12
825	eQTL Analysis. Methods in Molecular Biology, 2020, , .	0.4	4
826	Heritability and quantitative trait locus analyses of intermuscular bones in mirror carp (Cyprinus) Tj ETQq1 1 0.784314 rgBT /gOverlock	1.7	1
827	Genotype by environment interaction for shell length in Mytilus galloprovincialis. Journal of Experimental Marine Biology and Ecology, 2020, 522, 151252.	0.7	1
828	Are candidate neurocognitive endophenotypes of OCD present in paediatric patients? A systematic review. Neuroscience and Biobehavioral Reviews, 2020, 108, 617-645.	2.9	28
829	Heritability of Human Plasma <i>N</i>-Glycome. Journal of Proteome Research, 2020, 19, 85-91.	1.8	25
830	Influence of Dietary Approaches to Stop Hypertension-Type Diet, Known Genetic Variants and Their Interplay on Blood Pressure in Early Childhood. Hypertension, 2020, 75, 59-70.	1.3	18
831	Estimating heritability for meat composition traits in the golden shell strain of Pacific oyster (Crassostrea gigas). Aquaculture, 2020, 516, 734532.	1.7	14
832	ADDO: a comprehensive toolkit to detect, classify and visualize additive and non-additive quantitative trait loci. Bioinformatics, 2020, 36, 1517-1521.	1.8	2

#	ARTICLE	IF	CITATIONS
833	Identification of a genetic network for an ecologically relevant behavioural phenotype in <i>Drosophila melanogaster</i> . <i>Molecular Ecology</i> , 2020, 29, 502-518.	2.0	3
834	The Development of a European and Mediterranean Chickpea Association Panel (EMCAP). <i>Agronomy</i> , 2020, 10, 1417.	1.3	7
835	Polygenic Scores in Developmental Psychology: Invite Genetics In, Leave Biodeterminism Behind. <i>Annual Review of Developmental Psychology</i> , 2020, 2, 389-411.	1.4	22
836	Sex differences in human adipose tissue gene expression and genetic regulation involve adipogenesis. <i>Genome Research</i> , 2020, 30, 1379-1392.	2.4	35
837	The conundrum of human immune system "senescence". <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111357.	2.2	64
838	Genome-Wide Association Study in Two Cohorts from a Multi-generational Mouse Advanced Intercross Line Highlights the Difficulty of Replication Due to Study-Specific Heterogeneity. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 951-965.	0.8	9
839	Genopolitics: introductory remarks. <i>Interdisciplinary Science Reviews</i> , 2020, 45, 508-524.	1.0	3
840	Gray matter volumetric correlates of behavioral activation and inhibition system traits in children: An exploratory voxel-based morphometry study of the ABCD project data. <i>NeuroImage</i> , 2020, 220, 117085.	2.1	35
841	Genetic background of coronary artery disease: clinical implications and perspectives. <i>Expert Review of Precision Medicine and Drug Development</i> , 2020, 5, 135-144.	0.4	0
842	Asymmetry of turning behavior in rats is modulated by early life stress. <i>Behavioural Brain Research</i> , 2020, 393, 112807.	1.2	35
843	Xylem Anatomical Variability in White Spruce at Treeline Is Largely Driven by Spatial Clustering. <i>Frontiers in Plant Science</i> , 2020, 11, 581378.	1.7	6
844	The role of the microbiota in human genetic adaptation. <i>Science</i> , 2020, 370, .	6.0	61
846	The Heritability of Palatal Rugae Morphology Among Siblings*. <i>Journal of Forensic Sciences</i> , 2020, 65, 2000-2007.	0.9	4
847	SNP-based heritability and genetic architecture of cranial cruciate ligament rupture in Labrador Retrievers. <i>Animal Genetics</i> , 2020, 51, 824-828.	0.6	9
848	Epigenome-wide association study (EWAS): Methods and applications. , 2020, , 591-613.		3
849	Genetics of Equine Endocrine and Metabolic Disease. <i>Veterinary Clinics of North America Equine Practice</i> , 2020, 36, 341-352.	0.3	3
850	Breed Differences in Dog Cognition Associated with Brain-Expressed Genes and Neurological Functions. <i>Integrative and Comparative Biology</i> , 2020, 60, 976-990.	0.9	24
851	Statistical driver genes as a means to uncover missing heritability for age-related macular degeneration. <i>BMC Medical Genomics</i> , 2020, 13, 95.	0.7	0

#	ARTICLE	IF	CITATIONS
852	Gene Variants in Premature Ejaculation: Systematic Review and Future Directions. <i>Sexual Medicine Reviews</i> , 2020, 8, 586-602.	1.5	10
853	Heritability of subfertility among Danish twins. <i>Fertility and Sterility</i> , 2020, 114, 618-627.	0.5	9
854	Meta-analysis of genetic parameters for traits of economic importance for beef cattle in the tropics. <i>Livestock Science</i> , 2020, 242, 104306.	0.6	7
855	Cancer cell lines show high heritability for motility but not generation time. <i>Royal Society Open Science</i> , 2020, 7, 191645.	1.1	0
856	Genes, Personality and Personality Disorders. , 2020, , 111-129.		0
857	Genes and Human Identity. , 2020, , 196-214.		0
860	Genetic Confusion. , 2020, , 1-16.		0
861	Genetic Information and How It Flows. , 2020, , 17-35.		0
862	Genes and Environments in Human Development. , 2020, , 36-54.		0
863	What Is Behavioural Genetics?. , 2020, , 55-73.		0
864	Genes and Mental Health. , 2020, , 74-93.		0
865	Genes, Education and Intelligence. , 2020, , 94-110.		0
866	Genes, Food, Exercise and Weight. , 2020, , 130-142.		0
867	Genes, Religiosity and Political Commitment. , 2020, , 143-154.		0
868	Gay Genes? Genetics and Sexual Orientation. , 2020, , 155-177.		0
869	Are We Slaves to Our Genes?. , 2020, , 178-195.		0
873	Inferring Phenotypic Trait Evolution on Large Trees With Many Incomplete Measurements. <i>Journal of the American Statistical Association</i> , 2022, 117, 678-692.	1.8	10
874	Mapping QTLs for tolerance to salt stress at the early seedling stage in rice (<i>Oryza sativa</i> L.) using a newly identified donor "Madina Koyo"™. <i>Euphytica</i> , 2020, 216, 1.	0.6	13

#	ARTICLE	IF	CITATIONS
875	Genetic growth potential, rather than phenotypic size, predicts migration phenotype in Atlantic salmon. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200867.	1.2	29
876	Meta-analysis of genetic parameters of production traits in cultured shrimp species. <i>Fish and Fisheries</i> , 2020, 21, 1150-1174.	2.7	4
877	Heritability of haemodynamics in the ascending aorta. <i>Scientific Reports</i> , 2020, 10, 14356.	1.6	5
878	Nature, Nurture, and the Polygenic Risk Score for Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 1363-1365.	2.3	5
879	Accuracy of genomic selection and long-term genetic gain for resistance to <i>Verticillium</i> wilt in strawberry. <i>Plant Genome</i> , 2020, 13, e20054.	1.6	24
880	The Genetic Architecture of High Bone Mass. <i>Frontiers in Endocrinology</i> , 2020, 11, 595653.	1.5	18
881	Genome-wide association study identifies 32 novel breast cancer susceptibility loci from overall and subtype-specific analyses. <i>Nature Genetics</i> , 2020, 52, 572-581.	9.4	265
882	Sociology, Genetics, and the Coming of Age of Sociogenomics. <i>Annual Review of Sociology</i> , 2020, 46, 553-581.	3.1	52
883	Resistance to gapeworm parasite has both additive and dominant genetic components in house sparrows, with evolutionary consequences for ability to respond to parasite challenge. <i>Molecular Ecology</i> , 2020, 29, 3812-3829.	2.0	5
884	The role of genetic counseling in the infertile patient. , 2020, , 295-316.		0
885	Beyond quantitative and qualitative traits: three telling cases in the life sciences. <i>Biology and Philosophy</i> , 2020, 35, 1.	0.7	13
886	Genetic and environmental influences on human height from infancy through adulthood at different levels of parental education. <i>Scientific Reports</i> , 2020, 10, 7974.	1.6	17
887	Genome-wide SNP analysis reveals an increase in adaptive genetic variation through selective breeding of coral. <i>Molecular Ecology</i> , 2020, 29, 2176-2188.	2.0	46
888	A Flexible Framework for Hypothesis Testing in High Dimensions. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2020, 82, 685-718.	1.1	10
889	Heritable variation in root secondary metabolites is associated with recent climate. <i>Journal of Ecology</i> , 2020, 108, 2611-2624.	1.9	12
890	The Origin of Additive Genetic Variance Driven by Positive Selection. <i>Molecular Biology and Evolution</i> , 2020, 37, 2300-2308.	3.5	3
891	Testing for causality between systematically identified risk factors and glioma: a Mendelian randomization study. <i>BMC Cancer</i> , 2020, 20, 508.	1.1	12
892	Estimation of non-null SNP effect size distributions enables the detection of enriched genes underlying complex traits. <i>PLoS Genetics</i> , 2020, 16, e1008855.	1.5	9

#	ARTICLE	IF	CITATIONS
893	QTL and eQTL mapping associated with host response to <i>Candidatus Liberibacter asiaticus</i> in citrandarins. <i>Tropical Plant Pathology</i> , 2020, 45, 626-645.	0.8	5
894	Estimating the heritability of cognitive traits across dog breeds reveals highly heritable inhibitory control and communication factors. <i>Animal Cognition</i> , 2020, 23, 953-964.	0.9	32
895	Inter- and Intrafamilial Phenotypic Variability in Individuals with Collagen-Related Osteogenesis Imperfecta. <i>Clinical and Translational Science</i> , 2020, 13, 960-971.	1.5	16
896	Genetic influence on ageing-related changes in resting-state brain functional networks in healthy adults: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 113, 98-110.	2.9	23
897	Estimation of dynamic SNP-heritability with Bayesian Gaussian process models. <i>Bioinformatics</i> , 2020, 36, 3795-3802.	1.8	6
898	Update on NAFLD genetics: From new variants to the clinic. <i>Journal of Hepatology</i> , 2020, 72, 1196-1209.	1.8	234
899	Systematic Review of Polygenic Risk Scores for Type 1 and Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1703.	1.8	46
900	Divergence in Bergmann's cells: elevational variation and heritability of body size in a leaf-cutting ant. <i>Insectes Sociaux</i> , 2020, 67, 355-366.	0.7	1
901	Statistical methods for SNP heritability estimation and partition: A review. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 1557-1568.	1.9	41
902	Minimal Relationship between Local Gyrfication and General Cognitive Ability in Humans. <i>Cerebral Cortex</i> , 2020, 30, 3439-3450.	1.6	6
903	Determinants and Consequences of Dispersal in Vertebrates with Complex Life Cycles: A Review of Pond-Breeding Amphibians. <i>Quarterly Review of Biology</i> , 2020, 95, 1-36.	0.0	85
904	Metabolomics analysis and metabolite-agronomic trait associations using kernels of wheat (<i>Triticum aestivum</i>) recombinant inbred lines. <i>Plant Journal</i> , 2020, 103, 279-292.	2.8	69
905	In situ estimation of genetic variation of functional and ecological traits in <i>Quercus petraea</i> and <i>Q. robur</i> . <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	0.6	9
906	Metabolite-based genome-wide association study enables dissection of the flavonoid decoration pathway of wheat kernels. <i>Plant Biotechnology Journal</i> , 2020, 18, 1722-1735.	4.1	94
907	Pre-adaptation to climate change through topography-driven phenotypic plasticity. <i>Journal of Ecology</i> , 2020, 108, 1465-1474.	1.9	30
908	Mechanisms of a near-orthogonal ultra-fast evolution of human behaviour as a source of culture development. <i>Behavioural Brain Research</i> , 2020, 384, 112521.	1.2	5
909	A decade of research on the genetics of entrepreneurship: a review and view ahead. <i>Small Business Economics</i> , 2021, 57, 1303-1317.	4.4	17
910	Analytic and Translational Genetics. <i>Annual Review of Biomedical Data Science</i> , 2020, 3, 217-241.	2.8	4

#	ARTICLE	IF	CITATIONS
911	The TAGA Study: A Study of Factors Determining Aortic Diameter in Families at High Risk of Abdominal Aortic Aneurysm Reveal Two New Candidate Genes. <i>Journal of Clinical Medicine</i> , 2020, 9, 1242.	1.0	3
912	Is atypical rhythm a risk factor for developmental speech and language disorders?. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2020, 11, e1528.	1.4	83
913	Estimating narrow-sense heritability using family data from admixed populations. <i>Heredity</i> , 2020, 124, 751-762.	1.2	6
914	The potential for coral reefs to adapt to a changing climate - an eco-evolutionary modelling perspective. <i>Ecological Modelling</i> , 2020, 426, 109038.	1.2	4
915	Profiling variability and development of spoken discourse in mainstream adolescents. <i>Clinical Linguistics and Phonetics</i> , 2021, 35, 117-137.	0.5	9
916	Dissecting the heritable risk of breast cancer: From statistical methods to susceptibility genes. <i>Seminars in Cancer Biology</i> , 2021, 72, 175-184.	4.3	10
917	Network-guided search for genetic heterogeneity between gene pairs. <i>Bioinformatics</i> , 2021, 37, 57-65.	1.8	9
918	Initial productivity and genetic parameters of three <i>Corymbia</i> species in Brazil: designing a breeding strategy. <i>Canadian Journal of Forest Research</i> , 2021, 51, 25-30.	0.8	7
919	From Basic Science to Clinical Application of Polygenic Risk Scores. <i>JAMA Psychiatry</i> , 2021, 78, 101.	6.0	194
920	Periodontal health and disease: The contribution of genetics. <i>Periodontology 2000</i> , 2021, 85, 161-181.	6.3	33
921	Estimation of genetic parameters for four Peruvian guinea pig lines. <i>Tropical Animal Health and Production</i> , 2021, 53, 34.	0.5	4
922	Consumer Self-Control and the Biological Sciences: Implications for Marketing Stakeholders. <i>Journal of Marketing</i> , 2021, 85, 105-122.	7.0	9
923	Mining Favorable Alleles for Rice Coleoptile Elongation Length Sensitivity to Exogenous Gibberellin Under Submergence Condition. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1422-1439.	2.8	3
924	“Reports of My Death Were Greatly Exaggerated” Behavior Genetics in the Postgenomic Era. <i>Annual Review of Psychology</i> , 2021, 72, 37-60.	9.9	49
925	Genome-wide landscape establishes novel association signals for metabolic traits in the Arab population. <i>Human Genetics</i> , 2021, 140, 505-528.	1.8	13
926	Heritability, causal influence and locality. <i>Synthesis</i> , 2021, 198, 6689-6715.	0.6	13
927	Linking gene regions jointly with environment and depression. , 2021, , 69-76.		0
928	Genetic and Non-genetic Determinants of Cardiovascular Disease in South Asians. <i>Current Diabetes Reviews</i> , 2021, 17, e011721190373.	0.6	3

#	ARTICLE	IF	CITATIONS
929	Linear Mixed Models: Part I. Springer Series in Statistics, 2021, , 1-61.	0.9	6
930	Heritability, Correlation, and Genotype by Environment Interaction of Phenological and Fruit Quality Traits in Peach. Journal of the American Society for Horticultural Science, 2021, 146, 56-67.	0.5	7
931	Classification of Craniofacial Malformations. , 2021, , 67-84.		0
932	Genetic Epidemiology of Complex Phenotypes. Methods in Molecular Biology, 2021, 2249, 335-367.	0.4	3
933	Liability to diseases and their relation to dry matter intake and energy balance in German Holstein and Fleckvieh dairy cows. Journal of Dairy Science, 2021, 104, 628-643.	1.4	7
934	A Novel Bayesian Semi-parametric Model for Learning Heritable Imaging Traits. Lecture Notes in Computer Science, 2021, 12905, 678-687.	1.0	2
935	Genomic data measures and methods: a primer for social scientists. , 2021, , 49-62.		2
936	Neurocognitive Endophenotypes of OCD. Current Topics in Behavioral Neurosciences, 2021, 49, 97-124.	0.8	3
937	Coevolution of Mathematics, Statistics, and Genetics. , 2021, , 2039-2071.		0
939	Phylogenetic Methods for Genome-Wide Association Studies in Bacteria. Methods in Molecular Biology, 2021, 2242, 205-220.	0.4	5
940	What Do People Know About the Heritability of Sleep?. Behavior Genetics, 2021, 51, 144-153.	1.4	7
941	Human Connectome Project: heritability of brain volumes in young healthy adults. Experimental Brain Research, 2021, 239, 1273-1286.	0.7	4
942	Genetic variation, brain, and intelligence differences. Molecular Psychiatry, 2022, 27, 335-353.	4.1	57
943	Within-Population Trait Variation in a Globally Invasive Plant Species Mayweed Chamomile (Anthemis) Tj ETQq1 1 0,784314 rgBT /Overd 1.5 3		
944	What makes an inflammatory disease inflammatory? An overview of inflammatory mechanisms of allergic contact dermatitis, atopic dermatitis and psoriasis. Giornale Italiano Di Dermatologia E Venereologia, 2021, 155, 719-723.	0.8	2
945	Predicting the Future of Genetic Risk Profiling of Glaucoma. JAMA Ophthalmology, 2021, 139, 224.	1.4	15
946	Genetics of BehÃset's Disease: Functional Genetic Analysis and Estimating Disease Heritability. Frontiers in Medicine, 2021, 8, 625710.	1.2	18
947	Heritability and segregation of resistance to brown rot in peach fruits. Acta Horticulturae, 2021, , 339-346.	0.1	4

#	ARTICLE	IF	CITATIONS
948	Phenotypic covariance across the entire spectrum of relatedness for 86 billion pairs of individuals. <i>Nature Communications</i> , 2021, 12, 1050.	5.8	19
949	Bisphenol F Exposure in Adolescent Heterogeneous Stock Rats Affects Growth and Adiposity. <i>Toxicological Sciences</i> , 2021, 181, 246-261.	1.4	6
950	The Landscape of the Heritable Cancer Genome. <i>Cancer Research</i> , 2021, 81, 2588-2599.	0.4	13
951	The genetic basis of major depression. <i>Psychological Medicine</i> , 2021, 51, 2217-2230.	2.7	65
952	Genetic Regulation of Physiological Reproductive Lifespan and Female Fertility. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2556.	1.8	18
953	Accurate determination of genotypic variance of cell wall characteristics of <i>Populus trichocarpa</i> pedigree using high-throughput pyrolysis-molecular beam mass spectrometry. <i>Biotechnology for Biofuels</i> , 2021, 14, 59.	6.2	6
956	Data mining sugarcane breeding yield data for ratoon yield prediction. <i>Euphytica</i> , 2021, 217, 1.	0.6	0
957	1,135 ionomes reveal the global pattern of leaf and seed mineral nutrient and trace element diversity in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2021, 106, 536-554.	2.8	26
958	Genetic and environmental sources of familial resemblance in anxiety: a nuclear twin family design. <i>Psychological Medicine</i> , 2023, 53, 103-111.	2.7	1
959	Genetics of Obesity: What We Have Learned Over Decades of Research. <i>Obesity</i> , 2021, 29, 802-820.	1.5	71
961	Genetic impacts on DNA methylation: research findings and future perspectives. <i>Genome Biology</i> , 2021, 22, 127.	3.8	101
962	Intelligence, health and death. <i>Nature Human Behaviour</i> , 2021, 5, 416-430.	6.2	48
963	Genomic Selection in Tropical Forage Grasses: Current Status and Future Applications. <i>Frontiers in Plant Science</i> , 2021, 12, 665195.	1.7	19
964	Growth dynamics and heritability for plant high-throughput phenotyping studies using hierarchical functional data analysis. <i>Biometrical Journal</i> , 2021, 63, 1325-1341.	0.6	5
965	ORRELATION AND PATH ANALYSIS OF INTRODUCTION KIDNEY BEAN (<i>Phaseolus vulgaris</i> L.). <i>Indonesian Journal of Applied Research</i> , 2021, 2, 50-58.	0.1	0
966	One of Nature's Basic Laws: Combination-Sharing. <i>Human Arenas</i> , 0, , 1.	1.1	0
967	Predicting Individual Differences in Cognitive Ability from Brain Imaging and Genetics. , 2021, , 327-348.		0
969	Cultural evolution of genetic heritability. <i>Behavioral and Brain Sciences</i> , 2022, 45, 1-147.	0.4	26

#	ARTICLE	IF	CITATIONS
970	Chromosomal characteristics of salt stress heritable gene expression in the rice genome. <i>BMC Genomic Data</i> , 2021, 22, 17.	0.7	2
971	The Cyclical Return of the IQ Controversy: Revisiting the Lessons of the Resolution on Genetics, Race and Intelligence. <i>Journal of the History of Biology</i> , 2021, 54, 199-228.	0.2	4
972	Genetics of Body Fat Distribution: Comparative Analyses in Populations with European, Asian and African Ancestries. <i>Genes</i> , 2021, 12, 841.	1.0	21
973	Estimation of genetic parameters for resistance to <i>Vibrio alginolyticus</i> infection in the Pacific oyster (<i>Crassostrea gigas</i>). <i>Aquaculture</i> , 2021, 538, 736545.	1.7	9
974	Herd solutions from genetic evaluations can be used as a tool to rescale the expected expression of genetic potential in cattle. <i>Journal of Animal Breeding and Genetics</i> , 2021, 138, 655-667.	0.8	5
975	Investigations of the effects of the non-darkening seed coat trait coded by the recessive alleles on agronomic, sensory, and cooking characteristics in pinto beans. <i>Crop Science</i> , 2021, 61, 1843-1863.	0.8	3
976	Coordination in theory extension: how Reichenbach can help us understand endogenization in evolutionary biology. <i>Synthese</i> , 0, 1.	0.6	0
977	Familial Aggregation of CKD and Heritability of Kidney Biomarkers in the General Population: The Lifelines Cohort Study. <i>American Journal of Kidney Diseases</i> , 2021, 77, 869-878.	2.1	24
978	Genetic and plastic rewiring of food webs under climate change. <i>Journal of Animal Ecology</i> , 2021, 90, 1814-1830.	1.3	18
979	Behavior genetics research on personality: Moving beyond traits to examine characteristic adaptations. <i>Social and Personality Psychology Compass</i> , 2021, 15, e12628.	2.0	4
980	Parasite management in aquaculture exerts selection on salmon louse behaviour. <i>Evolutionary Applications</i> , 2021, 14, 2025-2038.	1.5	5
981	Trait heritability and its implications for the management of an invasive vertebrate. <i>Biological Invasions</i> , 2021, 23, 3447-3456.	1.2	2
982	Selection on heritable social network positions is context-dependent in <i>Drosophila melanogaster</i> . <i>Nature Communications</i> , 2021, 12, 3357.	5.8	15
983	A covariance-enhanced approach to multitissue joint eQTL mapping with application to transcriptome-wide association studies. <i>Annals of Applied Statistics</i> , 2021, 15, 998-1016.	0.5	0
984	Leveraging Methylation Alterations to Discover Potential Causal Genes Associated With the Survival Risk of Cervical Cancer in TCGA Through a Two-Stage Inference Approach. <i>Frontiers in Genetics</i> , 2021, 12, 667877.	1.1	8
985	Set Shifting and Inhibition Deficits as Potential Endophenotypes for Depression. <i>Psychiatry Research</i> , 2021, 300, 113931.	1.7	10
986	The Use of Genotyping-by-Sequencing to Recover Shared Genealogy in Genetically Diverse Eucalyptus Populations. <i>Forests</i> , 2021, 12, 904.	0.9	4
987	Evaluating new species for aquaculture: A genomic dissection of growth in the New Zealand silver trevally (<i>Pseudocaranx georgianus</i>). <i>Evolutionary Applications</i> , 2022, 15, 591-602.	1.5	12

#	ARTICLE	IF	CITATIONS
989	Cross-sectional analyses of a national database to determine if superior genetic merit translates to superior dairy cow performance. <i>Journal of Dairy Science</i> , 2021, 104, 8076-8093.	1.4	13
990	High-throughput field phenotyping reveals genetic variation in photosynthetic traits in durum wheat under drought. <i>Plant, Cell and Environment</i> , 2021, 44, 2858-2878.	2.8	12
991	Genetic prediction of complex traits with polygenic scores: a statistical review. <i>Trends in Genetics</i> , 2021, 37, 995-1011.	2.9	55
992	Gut microbiome heritability is nearly universal but environmentally contingent. <i>Science</i> , 2021, 373, 181-186.	6.0	126
993	Compared Heritability of Chronotype Instruments in a Single Population Sample. <i>Journal of Biological Rhythms</i> , 2021, 36, 483-490.	1.4	6
994	The heritability of insomnia: Systematic review and meta-analysis of twin studies. <i>Sleep Medicine Reviews</i> , 2021, 58, 101437.	3.8	18
995	Selection of pipeline clones of para rubber tree (<i>Hevea brasiliensis</i>) for two divergent environments with cold and drought stresses. <i>Journal of Rubber Research (Kuala Lumpur, Malaysia)</i> , 2021, 24, 511-522.	0.4	0
996	Vaginal microbiome <i>Lactobacillus crispatus</i> is heritable among European American women. <i>Communications Biology</i> , 2021, 4, 872.	2.0	7
997	Quantification of spatial metal accumulation patterns in <i>Noccaea caerulea</i> by X-ray fluorescence image processing for genetic studies. <i>Plant Methods</i> , 2021, 17, 86.	1.9	6
998	Characterization of vegetative vigor of two doubled-haploid wheat populations. <i>Journal of Crop Improvement</i> , 0, , 1-19.	0.9	4
999	Prospects in Connecting Genetic Variation to Variation in Fertility in Male Bees. <i>Genes</i> , 2021, 12, 1251.	1.0	5
1000	Average semivariance yields accurate estimates of the fraction of marker-associated genetic variance and heritability in complex trait analyses. <i>PLoS Genetics</i> , 2021, 17, e1009762.	1.5	12
1001	The effect of education on spousal education: A genetic approach. <i>Labour Economics</i> , 2021, 71, 102023.	0.9	5
1002	From multivariate to functional data analysis: Fundamentals, recent developments, and emerging areas. <i>Journal of Multivariate Analysis</i> , 2022, 188, 104806.	0.5	6
1003	Environmentally induced ribosomal DNA (rDNA) instability in human cells and populations exposed to hexavalent chromium [Cr (VI)]. <i>Environment International</i> , 2021, 153, 106525.	4.8	20
1004	Debiased inverse-variance weighted estimator in two-sample summary-data Mendelian randomization. <i>Annals of Statistics</i> , 2021, 49, .	1.4	29
1005	Integration of selection signatures and multi-trait GWAS reveals polygenic genetic architecture of carcass traits in beef cattle. <i>Genomics</i> , 2021, 113, 3325-3336.	1.3	19
1006	Contribution of herd characteristics to best linear unbiased estimates of slaughter traits in beef cattle. <i>Animal</i> , 2021, 15, 100321.	1.3	2

#	ARTICLE	IF	CITATIONS
1008	Evaluating natural variation, heritability, and genetic advance of photosynthetic traits in rice (<sc><i>Oryza sativa</i></sc>). Plant Breeding, 2021, 140, 745-757.	1.0	9
1009	Impulsive and Omission Errors: Potential Temporal Processing Endophenotypes in ADHD. Brain Sciences, 2021, 11, 1218.	1.1	4
1012	Coral adaptation to climate change: Meta-analysis reveals high heritability across multiple traits. Global Change Biology, 2021, 27, 5694-5710.	4.2	31
1013	Genetic, phenotypic and heritability trends for body weights in Kashmir Merino Sheep. Small Ruminant Research, 2021, 205, 106542.	0.6	7
1014	Frequency of Obsessive-Compulsive Disorder and Its Patterns in Families of Children with OCD in Rafsanjan, 2016. Iranian Journal of Psychiatry and Behavioral Sciences, 2021, 15, .	0.1	1
1015	Polygenic Risk Scores for Kidney Function and Their Associations with Circulating Proteome, and Incident Kidney Diseases. Journal of the American Society of Nephrology: JASN, 2021, 32, 3161-3173.	3.0	27
1016	Additive genetic variance for traits least related to fitness increases with environmental stress in the desert locust, <i>Schistocerca gregaria</i>. Ecology and Evolution, 2021, 11, 13930-13947.	0.8	3
1017	Major Depressive Disorder and Lifestyle: Correlated Genetic Effects in Extended Twin Pedigrees. Genes, 2021, 12, 1509.	1.0	12
1019	Genetic Determinants of Intraocular Pressure. Annual Review of Vision Science, 2021, 7, 727-746.	2.3	9
1020	The Heritability of Primary Angle Closure Anatomic Traits and Predictors of Angle Closure in South Indian Siblings. American Journal of Ophthalmology, 2021, 230, 188-199.	1.7	2
1021	Twin studies to GWAS: there and back again. Trends in Cognitive Sciences, 2021, 25, 855-869.	4.0	39
1022	Heritability estimation and path analysis for growth traits of the razor clam <i>Sinonovacula constricta</i> under high salinity. Aquaculture, 2021, 545, 737175.	1.7	12
1023	Inheritance pattern of molar-incisor hypomineralization. Brazilian Oral Research, 2021, 35, e035.	0.6	10
1024	Genetic Architecture of Depression: Where Do We Stand Now?. Advances in Experimental Medicine and Biology, 2021, 1305, 203-230.	0.8	4
1028	Obesity Before Birth. Growth Hormone, 2011, , .	0.2	6
1029	The Contribution of Heredity to Clinical Obesity. Growth Hormone, 2011, , 25-52.	0.2	3
1030	Estimating Heritability from Nuclear Family and Pedigree Data. Methods in Molecular Biology, 2012, 850, 171-186.	0.4	15
1031	Detecting Familial Aggregation. Methods in Molecular Biology, 2012, 850, 119-150.	0.4	3

#	ARTICLE	IF	CITATIONS
1032	Genetics of the Connectome and the ENIGMA Project. <i>Research and Perspectives in Neurosciences</i> , 2016, , 147-164.	0.4	10
1033	Genetic Basis of Intervertebral Disc Degeneration. , 2014, , 157-176.		2
1034	Evolutionary Genetics of Personality in Nonhuman Primates. <i>Primate Monographs</i> , 2011, , 137-164.	0.8	2
1035	Familial Studies: Genetic Inferences. , 2015, , 715-724.		3
1036	Maternal antenatal depression and child mental health: Moderation by genomic risk for attention-deficit/hyperactivity disorder. <i>Development and Psychopathology</i> , 2020, 32, 1810-1821.	1.4	12
1037	Bridging the Gap Between Modern Evolutionary Psychology and the Study of Individual Differences. , 2010, , 243-279.		28
1038	The study of quantitative genetics in wild populations. , 2014, , 1-15.		17
1039	Four decades of estimating heritabilities in wild vertebrate populations: improved methods, more data, better estimates?. , 2014, , 16-33.		125
1040	Molecular quantitative genetics. , 2014, , 209-227.		20
1041	The genetics of migration. , 2014, , 219-231.		16
1042	6. Genes in evolution. , 2014, , .		1
1068	Cutting-edge genetics in obsessive-compulsive disorder. <i>Faculty Reviews</i> , 2020, 9, 30.	1.7	8
1069	Pedigree- and SNP-Associated Genetics and Recent Environment are the Major Contributors to Anthropometric and Cardiometabolic Trait Variation. <i>PLoS Genetics</i> , 2016, 12, e1005804.	1.5	72
1070	A Model of Compound Heterozygous, Loss-of-Function Alleles Is Broadly Consistent with Observations from Complex-Disease GWAS Datasets. <i>PLoS Genetics</i> , 2017, 13, e1006573.	1.5	31
1071	Phenome-wide heritability analysis of the UK Biobank. <i>PLoS Genetics</i> , 2017, 13, e1006711.	1.5	191
1072	Uniform Selection as a Primary Force Reducing Population Genetic Differentiation of Cavitation Resistance across a Species Range. <i>PLoS ONE</i> , 2011, 6, e23476.	1.1	129
1073	Extensive Natural Variation for Cellular Hydrogen Peroxide Release Is Genetically Controlled. <i>PLoS ONE</i> , 2012, 7, e43566.	1.1	5
1074	Pedigree-Free Estimates of Heritability in the Wild: Promising Prospects for Selfing Populations. <i>PLoS ONE</i> , 2013, 8, e66983.	1.1	18

#	ARTICLE	IF	CITATIONS
1075	Correcting for Population Structure and Kinship Using the Linear Mixed Model: Theory and Extensions. PLoS ONE, 2013, 8, e75707.	1.1	70
1076	Assessment of Genetic Correlation between Bacterial Cold Water Disease Resistance and Spleen Index in a Domesticated Population of Rainbow Trout: Identification of QTL on Chromosome Omy19. PLoS ONE, 2013, 8, e75749.	1.1	68
1077	Genome-Wide Contribution of Genotype by Environment Interaction to Variation of Diabetes-Related Traits. PLoS ONE, 2013, 8, e77442.	1.1	41
1078	Systems Genetics of Liver Fibrosis: Identification of Fibrogenic and Expression Quantitative Trait Loci in the BXD Murine Reference Population. PLoS ONE, 2014, 9, e89279.	1.1	20
1079	Infection and Inflammation in Schizophrenia and Bipolar Disorder: A Genome Wide Study for Interactions with Genetic Variation. PLoS ONE, 2015, 10, e0116696.	1.1	92
1080	Natural Genetic Variation Influences Protein Abundances in <i>C. elegans</i> Developmental Signalling Pathways. PLoS ONE, 2016, 11, e0149418.	1.1	28
1081	Stability and Change in Genetic and Environmental Influences on Well-Being in Response to an Intervention. PLoS ONE, 2016, 11, e0155538.	1.1	14
1082	Heritability of brain volume on MRI in middle to advanced age: A twin study of Japanese adults. PLoS ONE, 2017, 12, e0175800.	1.1	12
1083	Integrative genetic analysis suggests that skin color modifies the genetic architecture of melanoma. PLoS ONE, 2017, 12, e0185730.	1.1	10
1084	Are the four Baconian idols still alive in demography?. , 2014, 2, 31-59.		4
1085	Asthma Genetics in the Post-GWAS Era. Annals of the American Thoracic Society, 2016, 13, S85-S90.	1.5	93
1086	EXOME SEQUENCING AND THE DIAGNOSTICS OF COMPLEX DISEASE PREDISPOSITION IN PREVENTIVE MEDICINE. Cardiovascular Therapy and Prevention (Russian Federation), 2013, 12, 24-28.	0.4	5
1088	Non-coding genomic regions possessing enhancer and silencer potential are associated with healthy aging and exceptional survival. Oncotarget, 2015, 6, 3600-3612.	0.8	10
1089	Understanding the genetic bases of adaptation to soil water deficit in trees through the examination of water use efficiency and cavitation resistance: maritime pine as a case study. The Journal of Plant Hydraulics, 0, 3, e008.	1.0	17
1090	Human Complex Trait Genetics: Lifting the Lid of the Genomics Toolbox - from Pathways to Prediction. Current Genomics, 2012, 13, 213-224.	0.7	11
1091	Assessing the Heritability of Complex Traits in Humans: Methodological Challenges and Opportunities. Current Genomics, 2017, 18, 332-340.	0.7	121
1092	Decoding Protein-protein Interactions: An Overview. Current Topics in Medicinal Chemistry, 2020, 20, 855-882.	1.0	13
1093	Updates on Genome-Wide Association Findings in Eating Disorders and Future Application to Precision Medicine. Current Neuropharmacology, 2018, 16, 1102-1110.	1.4	21

#	ARTICLE	IF	CITATIONS
1094	Genetic Studies: The Linear Mixed Models in Genome-wide Association Studies. Open Bioinformatics Journal, 2013, 7, 27-33.	1.0	18
1095	Twin study confirms virtually identical prenatal alcohol exposures can lead to markedly different fetal alcohol spectrum disorder outcomes-fetal genetics influences fetal vulnerability. Advances in Pediatric Research, 2018, 05, .	2.0	16
1096	Leveraging new knowledge of Symbiodinium community regulation in corals for conservation and reef restoration. Marine Ecology - Progress Series, 2018, 600, 245-253.	0.9	19
1097	Quantifying the Genetic Basis of Marfan Syndrome Clinical Variability. Genes, 2020, 11, 574.	1.0	11
1098	Heritability and Correlation for Components of Crop Partitioning in Advanced Generations of Peanut Crosses. Asian Journal of Plant Sciences, 2010, 10, 60-66.	0.2	7
1099	Application of chromosomal microarray for evaluation of idiopathic short stature in Asian Indian children: A pilot study. Indian Journal of Endocrinology and Metabolism, 2018, 22, 100.	0.2	10
1100	Routledge Handbook of Sport and Exercise Systems Genetics. , 0, , .		3
1101	The Usage of an SNP-SNP Relationship Matrix for Best Linear Unbiased Prediction (BLUP) Analysis Using a Community-Based Cohort Study. Genomics and Informatics, 2014, 12, 254.	0.4	4
1102	Genome-wide identification of lineage and locus specific variation associated with pneumococcal carriage duration. ELife, 2017, 6, .	2.8	95
1103	Extensive impact of low-frequency variants on the phenotypic landscape at population-scale. ELife, 2019, 8, .	2.8	42
1104	The impact of parental investment on lifetime reproductive success in Iceland. PeerJ, 2017, 5, e2904.	0.9	4
1105	Genetic Regulation of Immunoglobulin G Glycosylation. Experientia Supplementum (2012), 2021, 112, 259-287.	0.5	3
1106	Agromorphological Characterization of Introgression Lines Derived from Wild and Exotic Sorghum Germplasm to Climate Change Challenges. Agricultural Sciences, 2021, 12, 1129-1149.	0.2	0
1107	Heritable variation and lack of tradeoffs suggest adaptive capacity in <i>Acropora cervicornis</i> despite negative synergism under climate change scenarios. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210923.	1.2	11
1108	Genetic predictors and pathophysiological features of non-alcoholic fat liver disease. Meditsinskiy Sovet, 2021, , 78-87.	0.1	1
1109	Additive genetic variation in <i>Pinus radiata</i> bark chemistry and the chemical traits associated with variation in mammalian bark stripping. Heredity, 2021, 127, 498-509.	1.2	10
1110	Is the variability in my crop due to genetic or environmental factors? Using heritability to solve this question. Journal of Crop Science and Biotechnology, 0, , 1.	0.7	0
1111	It Is Not Only the Environment That Matters: A Short Introduction to Research on the Heritability of Political Attitudes. Political Studies Review, 2023, 21, 144-161.	1.2	3

#	ARTICLE	IF	CITATIONS
1112	Multifactorial Inheritance and Common Diseases. , 2010, , 231-257.		0
1113	Single Nucleotide Polymorphism and its Application in Mapping Loci Involved in Developing Human Diseases and Traits. , 2011, , 113-127.		0
1114	Interaction Between Exercise and Genetics in Type 2 Diabetes Mellitus: An Epidemiological Perspective. , 2011, , 73-100.		0
1115	Broader Considerations of Medical and Dental Data Integration. Computers in Health Care, 2012, , 167-298.	0.2	0
1116	Heritability of production characteristics of regional populations of honey bees from Serbia. Genetika, 2012, 44, 47-54.	0.1	2
1117	Approaches for Dissection of the Genetic Basis of Complex Disease Development in Human. , 0, , .		0
1118	Human Genetic Contribution to the Outcome of Infection with Malaria Parasites. , 0, , .		1
1119	Single Nucleotide Polymorphism and its Application in Mapping Loci Involved in Developing Human Diseases and Traits. International Journal of Computational Models and Algorithms in Medicine, 2012, 3, 61-75.	0.4	0
1121	Genetic and Environmental Contributions to Weight, Height and BMI from Birth to 19 Years of Age. , 2013, , 23-52.		1
1122	Biomarkers, Genetic Association, and Genomic Studies. , 2014, , 79-126.		0
1123	Future Directions in Genetics of Psychiatric Disorders. , 2014, , 311-337.		1
1127	4. Genes as markers. , 2014, , .		0
1128	2. Genes as DNA. , 2014, , .		0
1129	3. Mutations and gene variants. , 2014, , .		0
1130	5. Genes of small effect. , 2014, , .		0
1131	1. Genes before 1944. , 2014, , .		0
1133	Genetics of Brain Aging â€“ Twin Agingâ€™t. , 2015, , .		2
1134	Impact of Genetic Background in Otitis Media Predisposition. , 2015, , 17-22.		1

#	ARTICLE	IF	CITATIONS
1135	Biometrical Approaches for Analysis of Phenotypic Data of Complex Traits. , 2015, , 249-272.		0
1141	The Genetic Basis of Bipolar Disorder. Milestones in Drug Therapy, 2016, , 73-92.	0.1	0
1142	Quantitative Genetics. Topics in Biodiversity and Conservation, 2016, , 219-243.	0.3	0
1143	Advances in Genetics of Immunoglobulin A Nephropathy. , 2016, , 19-42.		0
1145	Status Attainment and Social Mobility. KÄ–lner Zeitschrift FÄœr Soziologie Und Sozialpsychologie Sonderheft, 2016, , 371-395.	0.1	0
1148	Genetics and Genomic Basis of Sleep Disorders in Humans. , 2017, , 322-339.e7.		2
1149	Genetic Improvement of Local Goats. , 2017, , 111-134.		1
1151	Using Stochastic Approximation Techniques to Efficiently Construct Confidence Intervals for Heritability. Lecture Notes in Computer Science, 2017, , 241-256.	1.0	4
1152	Heritability of Behavior. , 2017, , 1-6.		0
1157	Genetic Variation, Heritability, and Advances from Selection in Elite Breeding Materials of Field Pea (<i>Pisum sativum</i> L.) Genotypes. Agricultural Research & Technology: Open Access Journal, 2017, 8, .	0.1	1
1162	Pediatric Type 2 Diabetes: Prevention and Treatment Through a Life Course Health Development Framework. , 2018, , 197-236.		0
1164	Estimate of Disease Heritability Using 7.4 million Familial Relationships Inferred from Electronic Health Records. SSRN Electronic Journal, 0, , .	0.4	0
1165	Genetics of Diabetes and Diabetic Complications. Endocrinology, 2018, , 81-139.	0.1	1
1174	Basic Statistics. , 2019, , 131-169.		0
1176	The Multifaceted Legacy of the Human Genome Program for Evolutionary Biology: An Epistemological Perspective. Perspectives on Science, 2019, 27, 117-152.	0.3	3
1182	Quantitative Trait Loci (QTL) Mapping. Methods in Molecular Biology, 2020, 2082, 211-229.	0.4	11
1185	A robust and unified framework for estimating heritability in twin studies using generalized estimating equations. Statistics in Medicine, 2020, 39, 3897-3913.	0.8	8
1187	CyberGenomics: Application of Behavioral Genetics in Cybersecurity. Behavioral Sciences (Basel,) TJ ETQq1 1 0.784314 rgBT /Overlock 1	1.0	1

#	ARTICLE	IF	CITATIONS
1188	V ³ H: View Variation and View Heredity for Incomplete Multiview Clustering. IEEE Transactions on Artificial Intelligence, 2020, 1, 233-247.	3.4	14
1189	Neural and Genetic Bases for Human Ability Traits. Frontiers in Human Neuroscience, 2020, 14, 609170.	1.0	2
1191	Genetische Einflussfaktoren des Krebsrisikos. Springer Reference Medizin, 2020, , 1-7.	0.0	0
1193	What Have We Learned About the Genetics of Obsessive-Compulsive and Related Disorders in Recent Years?. Focus (American Psychiatric Publishing), 2021, 19, 384-391.	0.4	2
1194	Impact of natriuretic peptide polymorphisms on diastolic and metabolic function in a populational cohort: insights from the STANISLAS cohort. ESC Heart Failure, 2021, , .	1.4	4
1195	Bridging the explanatory gaps: What can we learn from a biological agency perspective?. BioEssays, 2022, 44, e2100185.	1.2	38
1196	Heritability of the extra-pair mating behaviour of the pied flycatcher in Western Siberia. PeerJ, 2020, 8, e9571.	0.9	3
1198	Genomic partitioning of growth traits using a high-density single nucleotide polymorphism array in Hanwoo (Korean cattle). Asian-Australasian Journal of Animal Sciences, 2020, 33, 1558-1565.	2.4	2
1204	Gene-Environment Effects on Female Fertility. SSRN Electronic Journal, 0, , .	0.4	1
1205	Heritability and Genomic Architecture of Episodic Exercise-Induced Collapse in Border Collies. Genes, 2021, 12, 1927.	1.0	2
1207	The traits of "trait ecologists" An analysis of the use of trait and functional trait terminology. Ecology and Evolution, 2021, 11, 16434-16445.	0.8	41
1208	Genetic architecture and heritability of early-life telomere length in a wild passerine. Molecular Ecology, 2022, 31, 6360-6381.	2.0	13
1210	Maintenance of Complex Trait Variation: Classic Theory and Modern Data. Frontiers in Genetics, 2021, 12, 763363.	1.1	11
1211	Heritability of Sleep and Its Disorders in Childhood and Adolescence. Current Sleep Medicine Reports, 2021, 7, 155-166.	0.7	5
1212	Bench Research Informed by GWAS Results. Cells, 2021, 10, 3184.	1.8	5
1213	Inheritance of gene expression throughout fruit development in chili pepper. Scientific Reports, 2021, 11, 22647.	1.6	4
1214	Identifying imaging genetic associations via regional morphometricity estimation. , 2021, , .		0
1215	Identifying highly heritable brain amyloid phenotypes through mining Alzheimer's™s imaging and sequencing biobank data. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
1217	Identification of favorable haplotypes/alleles and candidate genes for three plant architecture-related traits via a restricted two-stage multilocus genome-wide association study in upland cotton. <i>Industrial Crops and Products</i> , 2022, 177, 114458.	2.5	6
1218	Genome-wide association study biomarkers in bipolar disorder. , 2022, , 125-139.		1
1219	Genetics and functional genomics of multiple sclerosis. <i>Seminars in Immunopathology</i> , 2022, 44, 63-79.	2.8	11
1220	Competition, Trait Variance Dynamics, and the Evolution of a Species's Range. <i>Bulletin of Mathematical Biology</i> , 2022, 84, 37.	0.9	0
1221	Predicting Physical Appearance from DNA Data—Towards Genomic Solutions. <i>Genes</i> , 2022, 13, 121.	1.0	8
1223	Polygenic adaptation and negative selection across traits, years and environments in a long-lived plant species (<i>Pinus pinaster</i> Ait., Pinaceae). <i>Molecular Ecology</i> , 2022, 31, 2089-2105.	2.0	21
1224	Deconstructing a Syndrome: Genomic Insights Into PCOS Causal Mechanisms and Classification. <i>Endocrine Reviews</i> , 2022, 43, 927-965.	8.9	75
1225	Using Machine Learning to Predict Obesity Based on Genome-Wide and Epigenome-Wide Gene-Diet Interactions. <i>Frontiers in Genetics</i> , 2021, 12, 783845.	1.1	21
1226	Insights Into the Genetic Architecture of Complex Traits in Napier Grass (<i>Cenchrus purpureus</i>) and QTL Regions Governing Forage Biomass Yield, Water Use Efficiency and Feed Quality Traits. <i>Frontiers in Plant Science</i> , 2021, 12, 678862.	1.7	12
1227	Estimating SNP heritability in presence of population substructure in biobank-scale datasets. <i>Genetics</i> , 2022, 220, .	1.2	5
1228	OUP accepted manuscript. <i>Briefings in Bioinformatics</i> , 2022, , .	3.2	3
1229	A review of SNP heritability estimation methods. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	15
1230	People's desire to be in nature and how they experience it are partially heritable. <i>PLoS Biology</i> , 2022, 20, e3001500.	2.6	11
1231	Identifying imaging genetic associations via regional morphometricity estimation. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2022, 27, 97-108.	0.7	0
1232	Identifying highly heritable brain amyloid phenotypes through mining Alzheimer's imaging and sequencing biobank data. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2022, 27, 109-120.	0.7	0
1233	The genetics of restless legs syndrome. , 2021, , .		0
1234	The Economics and Econometrics of Gene-Environment Interplay. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
1235	Shared heritability among psychiatric disorders and traits. , 2022, , 341-360.		1

#	ARTICLE	IF	CITATIONS
1236	The Economics and Econometrics of Geneâ€œEnvironment Interplay. SSRN Electronic Journal, 0, , .	0.4	1
1238	The development of effective ruminant breeding programmes in Ireland from science to practice. Irish Journal of Agricultural and Food Research, 2022, 61, .	0.2	4
1239	Gray matter volumetric correlates of dimensional impulsivity traits in children: Sex differences and heritability. Human Brain Mapping, 2022, 43, 2634-2652.	1.9	11
1240	Prevention of MS Requires Intervention on the Causes of the Disease: Reconciling Genes, Epigenetics, and Epstein Barr Virus. Frontiers in Neurology, 2022, 13, 817677.	1.1	2
1242	Discrimination of Geographical Origins of Wolfberry (<i>Lycium barbarum</i> L.) Fruits Using Stable Isotopes, Earth Elements, Free Amino Acids, and Saccharides. Journal of Agricultural and Food Chemistry, 2022, 70, 2984-2997.	2.4	9
1243	Study protocol to quantify the genetic architecture of sonographic cervical length and its relationship to spontaneous preterm birth. BMJ Open, 2022, 12, e053631.	0.8	3
1244	Functional cortical associations and their intraclass correlations and heritability as revealed by the fMRI Human Connectome Project. Experimental Brain Research, 2022, 240, 1459-1469.	0.7	1
1245	Genome wide association study of Escherichia coli bloodstream infection isolates identifies genetic determinants for the portal of entry but not fatal outcome. PLoS Genetics, 2022, 18, e1010112.	1.5	22
1246	Lottery, luck, or legacy. A review of â€œThe Genetic Lottery: Why DNA matters for social equalityâ€œ. Evolution; International Journal of Organic Evolution, 2022, 76, 846-853.	1.1	23
1248	Familial co-aggregation and shared heritability between depression, anxiety, obesity and substance use. Translational Psychiatry, 2022, 12, 108.	2.4	8
1249	Genetics of bipolar disorder and schizophrenia. , 2022, , 238-255.		0
1250	Fast heritability estimation based on MINQUE and batch training. Briefings in Bioinformatics, 2022, , .	3.2	0
1251	On the capacity for rapid adaptation and plastic responses to herbivory and intraspecific competition in insular populations of <i>Plectritis congesta</i>. Evolutionary Applications, 2022, 15, 804-816.	1.5	2
1253	Characterization of cultivated pumpkin (Cucurbita moschata Duchesne) landraces for genotypic variance, heritability and agro-morphological traits. Saudi Journal of Biological Sciences, 2022, 29, 3661-3674.	1.8	6
1255	The heritability of amyloid burden in older adults: the Older Australian Twins Study. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 303-308.	0.9	7
1256	The Relationships of Fibrinogen and C-Reactive Protein With Gait Performance: A 20-Year Longitudinal Study. Frontiers in Aging Neuroscience, 2022, 14, 761948.	1.7	4
1257	Average semivariance directly yields accurate estimates of the genomic variance in complex trait analyses. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	7
1258	Linear Mixed-Effect Models Through the Lens of Hardyâ€œWeinberg Disequilibrium. Frontiers in Genetics, 2022, 13, 856872.	1.1	2

#	ARTICLE	IF	CITATIONS
1283	Preempting the Development of Antisocial Behavior and Psychopathic Traits. <i>Journal of the American Academy of Psychiatry and the Law</i> , 2021, 49, 66-76.	0.2	3
1285	Decoding the Human Face: Progress and Challenges in Understanding the Genetics of Craniofacial Morphology. <i>Annual Review of Genomics and Human Genetics</i> , 2022, 23, 383-412.	2.5	20
1286	The power of selection: Dissecting phenotypic plasticity and linkage drag underlying yield traits of rice (<i>Oryza sativa</i>) using selective introgression. <i>Plant Breeding</i> , 2022, 141, 513-532.	1.0	2
1287	Inferring intelligence of ancient people based on modern genomic studies. <i>Journal of Human Genetics</i> , 2022, , .	1.1	0
1288	Building causal knowledge in behavior genetics. <i>Behavioral and Brain Sciences</i> , 2023, 46, 1-76.	0.4	12
1289	Genetic analyses of circulating PUFA-derived mediators identifies heritable dihydroxyeicosatrienoic acid species. <i>Prostaglandins and Other Lipid Mediators</i> , 2022, 160, 106638.	1.0	1
1292	Challenges and Opportunities for Developing More Generalizable Polygenic Risk Scores. <i>Annual Review of Biomedical Data Science</i> , 2022, 5, 293-320.	2.8	47
1293	Heritability of Behavior. , 2022, , 3091-3097.		0
1295	Host-genotype-dependent cecal microbes are linked to breast muscle metabolites in Chinese chickens. <i>IScience</i> , 2022, 25, 104469.	1.9	5
1296	Spectral Reflectance Indices as a High Throughput Selection Tool in a Sesame Breeding Scheme. <i>Remote Sensing</i> , 2022, 14, 2629.	1.8	3
1300	Idiopathic scoliosis: a systematic review and meta-analysis of heritability. <i>EFORT Open Reviews</i> , 2022, 7, 414-421.	1.8	1
1301	Open problems in human trait genetics. <i>Genome Biology</i> , 2022, 23, .	3.8	33
1302	Gene-Based Association Tests Using New Polygenic Risk Scores and Incorporating Gene Expression Data. <i>Genes</i> , 2022, 13, 1120.	1.0	2
1303	Comparing heritability estimators under alternative structures of linkage disequilibrium. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	4
1304	Exploration of Alternative Approaches to Phenotyping of Late Leaf Spot and Groundnut Rosette Virus Disease for Groundnut Breeding. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	9
1305	Classifying coefficients of genetic variation and heritability for <i>Eucalyptus</i> spp.. <i>Crop Breeding and Applied Biotechnology</i> , 2022, 22, .	0.1	1
1306	Repeatability and random regression models to estimate genetic parameters for oocyte and embryo production in the Gir breed. <i>Animal Production Science</i> , 2022, 62, 1661-1670.	0.6	8
1307	Genetic Specificity of Hippocampal Subfield Volumes, Relative to Hippocampal Formation, Identified in 2148 Young Adult Twins and Siblings. <i>Twin Research and Human Genetics</i> , 0, , 1-11.	0.3	1

#	ARTICLE	IF	CITATIONS
1308	AGA Clinical Practice Update: Diagnosis and Management of Nonalcoholic Fatty Liver Disease in Lean Individuals: Expert Review. <i>Gastroenterology</i> , 2022, 163, 764-774.e1.	0.6	92
1310	The heritability of vocal tract structures estimated from structural MRI in a large cohort of Dutch twins. <i>Human Genetics</i> , 2022, 141, 1905-1923.	1.8	2
1311	Heritability of Corneal Parameters in Nuclear Families With Keratoconus. <i>Translational Vision Science and Technology</i> , 2022, 11, 13.	1.1	1
1312	Gray matter volumetric correlates of attention deficit and hyperactivity traits in emerging adolescents. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
1313	Heritability Estimation of Multiple Sclerosis Related Plasma Protein Levels in Sardinian Families with ImmunoChip Genotyping Data. <i>Life</i> , 2022, 12, 1101.	1.1	0
1314	RGB-image method enables indirect selection for leaf spot resistance and yield estimation in a groundnut breeding program in Western Africa. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
1315	Look-alike humans identified by facial recognition algorithms show genetic similarities. <i>Cell Reports</i> , 2022, 40, 111257.	2.9	9
1316	Evaluation of the U.S. Peanut Germplasm Mini-Core Collection in the Virginia-Carolina Region Using Traditional and New High-Throughput Methods. <i>Agronomy</i> , 2022, 12, 1945.	1.3	5
1318	The Genetic Contribution to Solving the Cocktail-Party Problem.. <i>IScience</i> , 2022, , 104997.	1.9	1
1319	Associations of direct and indirect selection for pregermination anaerobic stress tolerance in soybean (<i>Glycine max</i>). <i>Plant Breeding</i> , 2022, 141, 634-643.	1.0	10
1320	Coefficients of Determination for Mixed-Effects Models. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2022, 27, 674-689.	0.7	5
1321	Genetic Aspects of Corneal Sequestra in a Population of Persian, Himalayan and Exotic Cats. <i>Animals</i> , 2022, 12, 2008.	1.0	0
1322	The effects of genotype-environment interplay on psychopathology vary across development. , 2023, , 709-716.		0
1323	Selective Breeding to Enhance the Adaptive Potential of Corals. <i>Coral Reefs of the World</i> , 2022, , 71-84.	0.3	5
1324	Nature versus nurture” on the origins of a specious argument. <i>Exposome</i> , 2022, 2, .	1.2	1
1325	Measuring heritability: Why bother?. <i>Behavioral and Brain Sciences</i> , 2022, 45, .	0.4	0
1326	Human genotype-to-phenotype predictions: Boosting accuracy with nonlinear models. <i>PLoS ONE</i> , 2022, 17, e0273293.	1.1	6
1328	Lobular Difference in Heritability of Brain Atrophy among Elderly Japanese: A Twin Study. <i>Medicina (Lithuania)</i> , 2022, 58, 1250.	0.8	2

#	ARTICLE	IF	CITATIONS
1329	Are cardiovascular health measures heritable across three generations of families in Soweto, South Africa? A cross-sectional analysis using the random family method. <i>BMJ Open</i> , 2022, 12, e059910.	0.8	2
1330	Estimation of quantitative genetic parameters for dry matter yield and vegetative persistence-related traits in a white clover training population. <i>Crop Science</i> , 0, , .	0.8	1
1331	Effect of host genetics and gut microbiome on fat deposition traits in pigs. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
1332	Unifying genetic association tests via regression: Prospective and retrospective, parametric and nonparametric, and genotype- and allele-based tests. <i>Canadian Journal of Statistics</i> , 2022, 50, 1321-1338.	0.6	0
1333	Heritability estimation for a linear combination of phenotypes via ridge regression. <i>Bioinformatics</i> , 0, , .	1.8	0
1334	Cross-generational heritability analysis of physiological traits in <i>Porites astreoides</i> across an inshore-offshore gradient in the Lower Florida Keys. <i>Coral Reefs</i> , 2022, 41, 1681-1692.	0.9	2
1335	Genetic, maternal, and environmental influences on sociality in a pedigreed primate population. <i>Heredity</i> , 2022, 129, 203-214.	1.2	5
1336	Behavioural Traits in <i>Bos taurus</i> Cattle, Their Heritability, Potential Genetic Markers, and Associations with Production Traits. <i>Animals</i> , 2022, 12, 2602.	1.0	2
1337	Genome-by-Trauma Exposure Interactions in Adults With Depression in the UK Biobank. <i>JAMA Psychiatry</i> , 2022, 79, 1110.	6.0	6
1338	Stay in shape: Assessing the adaptive potential of shell morphology and its sensitivity to temperature in the invasive New Zealand mud snail <i>Potamopyrgus antipodarum</i> through phenotypic plasticity and natural selection in Europe. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	2
1339	ExPRSweb: An online repository with polygenic risk scores for common health-related exposures. <i>American Journal of Human Genetics</i> , 2022, 109, 1742-1760.	2.6	9
1340	Genome-wide association study reveals the genetic basis of brace root angle and diameter in maize. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	4
1342	Acclimation to elevated temperatures in <i>Acropora cervicornis</i> : effects of host genotype and symbiont shuffling. <i>Marine Ecology - Progress Series</i> , 2022, 701, 41-65.	0.9	1
1343	A large genome-wide association study of QT interval length utilizing electronic health records. <i>Genetics</i> , 2022, 222, .	1.2	1
1344	Phenotypic variation in biomass and related traits among four generations advanced lines of <i>Cleome</i> (<i>Gynandropsis gynandra</i> L. (Briq.)). <i>PLoS ONE</i> , 2022, 17, e0275829.	1.1	2
1345	Genome-wide association study of rice leaf metabolites and volatiles. <i>International Journal of Biological Macromolecules</i> , 2022, 222, 2479-2485.	3.6	0
1346	Long-term evolution of quantitative traits in the <i>Drosophila melanogaster</i> species subgroup. <i>Genetica</i> , 2022, 150, 343-353.	0.5	2
1347	Estimating heritability of song considering within-individual variance in a wild songbird: The collared flycatcher. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1

#	ARTICLE	IF	CITATIONS
1348	Expert Panel Consensus on Clinical Assertion Statements Describing Noninvasive Tools for Diagnosing Nonalcoholic Steatohepatitis. <i>Journal of Clinical Gastroenterology</i> , 0, Publish Ahead of Print, .	1.1	1
1349	<i>Gattaca</i> as a lens on contemporary genetics: marking 25 years into the filmâ€™s â€™œnot-too-distantâ€™ future. <i>Genetics</i> , 2022, 222, .	1.2	3
1350	Genetic analysis of digital image derived morphometric traits of black tiger shrimp (<i>Penaeus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662 T	1.1	1
1351	Recentring forensic anthropology within a multifaceted body of evolutionary theory: Strengthening method by making theory explicit. <i>American Journal of Biological Anthropology</i> , 2022, 179, 535-551.	0.6	3
1352	Genetic determinism, essentialism and reductionism: semantic clarity for contested science. <i>Nature Reviews Genetics</i> , 2023, 24, 197-204.	7.7	8
1353	GIFT: new method for the genetic analysis of small gene effects involving small sample sizes. <i>Physical Biology</i> , 2023, 20, 016001.	0.8	0
1354	Time course gene expression experiments. , 2023, , 85-110.		0
1355	Eugenics and the Theory of Inheritability. , 2022, , 59-85.		0
1356	Evolution without Inheritance. <i>Current Anthropology</i> , 0, , S000-S000.	0.8	8
1359	Molecular and quantitative genetic variation within and between populations of the declining grassland species <i>Saxifraga granulata</i>. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	1
1360	Examination of runs of homozygosity in relation to height in an endogamous Namibian population. <i>American Journal of Biological Anthropology</i> , 0, , .	0.6	2
1362	Biodistance Analysis. , 2024, , 882-891.		0
1363	Host's P851± genotype restructures the gut microbiota and regulates fat metabolism in gibel carp. <i>Aquaculture</i> , 2023, 565, 739160.	1.7	0
1364	Deciphering the genetic basis and prediction genomic estimated breeding values of heat tolerance in Zhikong scallop <i>Chlamys farreri</i> . <i>Aquaculture</i> , 2023, 565, 739090.	1.7	4
1368	Estimation of genetic and phenotypic trends for wool traits in Kashmir Merino sheep. <i>Indian Journal of Animal Sciences</i> , 2022, 90, 893-897.	0.1	8
1369	A cross-cohort replicable and heritable latent dimension linking behaviour to multi-featured brain structure. <i>Communications Biology</i> , 2022, 5, .	2.0	1
1370	Whole genome DNA and RNA sequencing of whole blood elucidates the genetic architecture of gene expression underlying a wide range of diseases. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
1371	How to estimate heritability: a guide for genetic epidemiologists. <i>International Journal of Epidemiology</i> , 2023, 52, 624-632.	0.9	7

#	ARTICLE	IF	CITATIONS
1372	Examining the Construct Validity of Borderline Personality Traits Using Familial Aggregation and Other External Validators. <i>Journal of Personality Disorders</i> , 2022, 36, 641-661.	0.8	0
1373	A family-based study of genetic and epigenetic effects across multiple neurocognitive, motor, social-cognitive and social-behavioral functions. <i>Behavioral and Brain Functions</i> , 2022, 18, .	1.4	4
1375	Trends in the contributions of atopic family history to pediatric food sensitization and allergy. <i>Frontiers in Pediatrics</i> , 0, 10, .	0.9	0
1376	Fish vulnerability to capture by trapping is modulated by individual parasite density. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	3
1377	Assessment of Characteristics of Imaging Biomarkers for Quantifying Anterior Cingulate Cortex Changes: A Twin Study of Middle- to Advanced-Aged Populations in East Asia. <i>Medicina (Lithuania)</i> , 2022, 58, 1855.	0.8	0
1378	Exploring the Quantitative Genetics of Essential Oil Components in <i>Coriandrum sativum</i> L. Under Different Water Regimes. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2022, , 100452.	0.9	0
1379	Molecular-based pedigree reconstruction of peach cultivars. <i>Acta Horticulturae</i> , 2022, , 133-140.	0.1	1
1381	Clinical genetic counseling and translation considerations for polygenic scores in personalized risk assessments: A Practice Resource from the National Society of Genetic Counselors. <i>Journal of Genetic Counseling</i> , 2023, 32, 558-575.	0.9	6
1384	Estimation of Linkage Disequilibrium, Effective Population Size, and Genetic Parameters of Phenotypic Traits in Dabieshan Cattle. <i>Genes</i> , 2023, 14, 107.	1.0	3
1385	Genetics of SLE: does this explain susceptibility and severity across racial groups?. <i>Rheumatology</i> , 2023, 62, i15-i21.	0.9	3
1387	Heritability of the corneal elevation indices; a population based study. <i>European Journal of Ophthalmology</i> , 0, , 112067212311522.	0.7	0
1388	Enhancing quinoa cultivation in the Andean highlands of Peru: a breeding strategy for improved yield and early maturity adaptation to climate change using traditional cultivars. <i>Euphytica</i> , 2023, 219, .	0.6	0
1389	Confronting ethical and social issues related to the genetics of musicality. <i>Annals of the New York Academy of Sciences</i> , 2023, 1522, 5-14.	1.8	2
1390	The Genetic Architectures of Functional and Structural Connectivity Properties within Cerebral Resting-State Networks. <i>ENeuro</i> , 2023, 10, ENEURO.0242-22.2023.	0.9	2
1391	The contribution of Neanderthal introgression and natural selection to neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2023, 180, 106082.	2.1	3
1392	Behaviour genetics and sleep: A narrative review of the last decade of quantitative and molecular genetic research in humans. <i>Sleep Medicine Reviews</i> , 2023, 69, 101769.	3.8	4
1393	Moving beyond heritability in the search for coral adaptive potential. <i>Global Change Biology</i> , 2023, 29, 3869-3882.	4.2	0
1395	Anthropometric Measures and Their Relationship to Steep Cornea in the United States Population. <i>Cornea</i> , 2023, 42, 719-725.	0.9	2

#	ARTICLE	IF	CITATIONS
1396	613. Genetic parameters of black soldier flies estimated in full sib design. , 2022, , .		1
1398	Dietary Stimuli, Intestinal Bacteria and Peptide Hormones Regulate Female Drosophila Defecation Rate. <i>Metabolites</i> , 2023, 13, 264.	1.3	1
1399	How longitudinal data can contribute to our understanding of host genetic effects on the gut microbiome. <i>Gut Microbes</i> , 2023, 15, .	4.3	2
1400	Neutral and adaptive genetic diversity in plants: An overview. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	8
1401	Cocktail-party listening and cognitive abilities show strong pleiotropy. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	0
1403	Analysis of the Genetic Parameters for Dairy Linear Appraisal and Zoometric Traits: A Tool to Enhance the Applicability of Murciano-Granadina Goats Major Areas Evaluation System. <i>Animals</i> , 2023, 13, 1114.	1.0	1
1404	Simulating the evolution of height in the Netherlands in recent history. <i>The History of the Family</i> , 2023, 28, 434-456.	0.2	2
1405	Japanese Translation and Validation of Genomic Knowledge Measure in the International Genetics Literacy and Attitudes Survey (iGLAS-CK). <i>Genes</i> , 2023, 14, 814.	1.0	0
1407	Probabilistic Customer Purchase Evolution Graph. <i>IEEE Access</i> , 2023, 11, 32962-32971.	2.6	0
1408	Field-measured canopy height may not be as accurate and heritable as believed: evidence from advanced 3D sensing. <i>Plant Methods</i> , 2023, 19, .	1.9	6
1409	Heritability Estimation Approaches Utilizing Genome-wide Data. <i>Current Protocols</i> , 2023, 3, .	1.3	5
1410	Large-Scale Phenotyping and Genotyping: State of the Art and Emerging Challenges. , 2023, , 103-139.		0
1411	Patterns of repeatability and heritability in the songs of wild Alston's singing mice, <i>Scotinomys teguina</i> . <i>Animal Behaviour</i> , 2023, 200, 91-103.	0.8	1
1467	Genetic determinants of 25-hydroxyvitamin D concentrations. , 2024, , 185-199.		0
1473	Investigating the Biology of Behavioural Differences. , 2023, , 49-96.		0