

Heritability in the genomics era “ concepts and misconceptions”

Nature Reviews Genetics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A Classification of Sociomedical Health Indicators: Perspectives for Health Administrators and Health Planners. International Journal of Health Services, 1976, 6, 521-538.	2.5	14
2	Sex-specific genetic effects influence variation in body composition. Diabetologia, 2008, 51, 2233-2241.	6.3	116
3	Increasing Heritability of BMI and Stronger Associations With the FTO Gene Over Childhood. Obesity, 2008, 16, 2663-2668.	3.0	151
4	Sizing up human height variation. Nature Genetics, 2008, 40, 489-490.	21.4	634
5	The environmental contribution to gene expression profiles. Nature Reviews Genetics, 2008, 9, 575-581.	16.3	221
6	Sex-specific genetic architecture of human disease. Nature Reviews Genetics, 2008, 9, 911-922.	16.3	623
7	Metabolic syndrome: from epidemiology to systems biology. Nature Reviews Genetics, 2008, 9, 819-830.	16.3	289
8	Bridging the gap between the genotype and the phenotype: linking genetic variation, selection and adaptation in fishes. Fish and Fisheries, 2008, 9, 396-422.	5.3	79
9	Predicting Unobserved Phenotypes for Complex Traits from Whole-Genome SNP Data. PLoS Genetics, 2008, 4, e1000231.	3.5	175
10	Genomic determinants of the efficiency of internal ribosomal entry sites of viral and cellular origin. Nucleic Acids Research, 2008, 36, 6918-6925.	14.5	13
11	Serotonin and insulin signaling team up to control growth in <i>Drosophila</i> : Figure 1.. Genes and Development, 2008, 22, 1851-1855.	5.9	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. PLoS ONE, 2009, 4, e8021.	2.5	178
14	Learning abilities and disabilities: Generalist genes in early adolescence. Cognitive Neuropsychiatry, 2009, 14, 312-331.	1.3	77
15	Beyond Heritability. Current Directions in Psychological Science, 2009, 18, 217-220.	5.3	122
16	Early Research on Human Genetics Using the Twin Method: Who Really Invented the Method?. Twin Research and Human Genetics, 2009, 12, 237-245.	0.6	11
17	Genetic influence on electrocardiogram time intervals and heart rate in aging mice. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1907-H1913.	3.2	47
18	Reducing the bias of estimates of genotype by environment interactions in random regression sire models. Genetics Selection Evolution, 2009, 41, 30.	3.0	18

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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.	1.6	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.	3.9	32
21	Finding the missing heritability of complex diseases. Nature, 2009, 461, 747-753.	27.8	7,490
22	Mapping complex disease traits with global gene expression. Nature Reviews Genetics, 2009, 10, 184-194.	16.3	790
23	New insights into the aetiology of colorectal cancer from genome-wide association studies. Nature Reviews Genetics, 2009, 10, 353-358.	16.3	355
24	Genetics of human height. Economics and Human Biology, 2009, 7, 294-306.	1.7	134
25	Testicular gene expression in male mice divergent for fertility after heat stress. Theriogenology, 2009, 71, 651-661.	2.1	24
26	Evolutionary consequences of cryptic genetic variation. Trends in Ecology and Evolution, 2009, 24, 305-311.	8.7	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.	6.5	56
28	The Coevolving Web of Life(American Society of Naturalists Presidential Address). American Naturalist, 2009, 173, 125-140.	2.1	138
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30	Inherited Variation in Gene Expression. Annual Review of Genomics and Human Genetics, 2009, 10, 313-332.	6.2	71
31	Genome-Wide Association Study in Humans. Methods in Molecular Biology, 2009, 573, 231-258.	0.9	23
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35	Variability, Heritability and Environmental Determinants of Human Plasma N-Glycome. Journal of Proteome Research, 2009, 8, 694-701.	3.7	212
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38	DNA-based prediction of human externally visible characteristics in forensics: Motivations, scientific challenges, and ethical considerations. Forensic Science International: Genetics, 2009, 3, 154-161.	3.1	205
39	From genetics to genomics in plants and animals. Genetika, 2010, 42, 177-194.	0.4	2
40	Mutations in the bovineABCG2 and the ovineMSTN gene added to the few quantitative trait nucleotides identified in farm animals: a mini-review. Journal of Applied Genetics, 2010, 51, 289-297.	1.9	8
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45	The GENes in Myopia (GEM) study in understanding the aetiology of refractive errors. Progress in Retinal and Eye Research, 2010, 29, 520-542.	15.5	75
46	Critical reasoning on causal inference in genome-wide linkage and association studies. Trends in Genetics, 2010, 26, 493-498.	6.7	59
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48	Evolutionary response of landraces to climate change in centers of crop diversity. Evolutionary Applications, 2010, 3, 480-493.	3.1	169
49	Heritability of serum iron measures in the hemochromatosis and iron overload screening (HEIRS) family study. American Journal of Hematology, 2010, 85, 101-105.	4.1	14
51	Linkage analysis of obesity phenotypes in pre- and post-menopausal women from a United States mid-western population. BMC Medical Genetics, 2010, 11, 156.	2.1	10
52	Repeatability for Gaussian and nonâ€™Gaussian data: a practical guide for biologists. Biological Reviews, 2010, 85, 935-956.	10.4	1,937
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54	Horn type and horn length genes map to the same chromosomal region in Soay sheep. Heredity, 2010, 104, 196-205.	2.6	49
55	Epigenetics as a unifying principle in the aetiology of complex traits and diseases. Nature, 2010, 465, 721-727.	27.8	677
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57	Common SNPs explain a large proportion of the heritability for human height. <i>Nature Genetics</i> , 2010, 42, 565-569.	21.4	3,888
58	Missing heritability and strategies for finding the underlying causes of complex disease. <i>Nature Reviews Genetics</i> , 2010, 11, 446-450.	16.3	1,511
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61	Reconciling the analysis of IBD and IBS in complex trait studies. <i>Nature Reviews Genetics</i> , 2010, 11, 800-805.	16.3	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.	1.6	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.	1.5	11
64	Alternatives for analysis of performance data and ranking of Charolais x Nellore crossbred bulls in performance tests. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 1483-1490.	0.8	4
65	Joint influence of small-effect genetic variants on human longevity. <i>Aging</i> , 2010, 2, 612-620.	3.1	79
66	Robust relationship inference in genome-wide association studies. <i>Bioinformatics</i> , 2010, 26, 2867-2873.	4.1	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.	0.6	4
68	Heritabilities of Ocular Biometrical Traits in Two Croatian Isolates with Extended Pedigrees. , 2010, 51, 737.		20
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71	Being More Realistic about the Public Health Impact of Genomic Medicine. <i>PLoS Medicine</i> , 2010, 7, e1000347.	8.4	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.	27.0	1,344
74	From Galton to GWAS: quantitative genetics of human height. <i>Genetical Research</i> , 2010, 92, 371-379.	0.9	83

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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.	3.0	29
76	Nature versus Nurture: Death of a Dogma, and the Road Ahead. <i>Neuron</i> , 2010, 68, 196-200.	8.1	31
77	Neurocognitive Phenotypes and Genetic Dissection of Disorders of Brain and Behavior. <i>Neuron</i> , 2010, 68, 218-230.	8.1	20
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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.	3.4	30
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81	Systems genetics: The added value of gene expression. <i>HFSP Journal</i> , 2010, 4, 6-10.	2.5	3
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90	Increase in the heritability of asthma from 1994 to 2003 among adolescent twins. <i>Respiratory Medicine</i> , 2011, 105, 1147-1152.	2.9	36
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97	Genetic Architecture of Growth Traits Revealed by Global Epistatic Interactions. Genome Biology and Evolution, 2011, 3, 909-914.	2.5	10
98	Associations between sports participation, cardiorespiratory fitness, and adiposity in young adult twins. Journal of Applied Physiology, 2011, 110, 681-686.	2.5	31
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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.	0.7	44
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156	The value of twins in epigenetic epidemiology. <i>International Journal of Epidemiology</i> , 2012, 41, 140-150.	1.9	88
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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.	2.5	42
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172	Understanding genetic risk for substance use and addiction: A guide for non-geneticists. Clinical Psychology Review, 2012, 32, 60-70.	11.4	23
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