

Thomas J Hudson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112
papers

24,774
citations

62
h-index

118
g-index

118
ext. papers

27,853
ext. citations

14
avg, IF

5.52
L-index

#	Paper	IF	Citations
112	A second generation human haplotype map of over 3.1 million SNPs. <i>Nature</i> , 2007 , 449, 851-61	50.4	3647
111	A genome-wide association study identifies novel risk loci for type 2 diabetes. <i>Nature</i> , 2007 , 445, 881-5	50.4	2327
110	International network of cancer genome projects. <i>Nature</i> , 2010 , 464, 993-8	50.4	1613
109	A predominantly clonal multi-institutional outbreak of <i>Clostridium difficile</i> -associated diarrhea with high morbidity and mortality. <i>New England Journal of Medicine</i> , 2005 , 353, 2442-9	59.2	1589
108	The common PPARgamma Pro12Ala polymorphism is associated with decreased risk of type 2 diabetes. <i>Nature Genetics</i> , 2000 , 26, 76-80	36.3	1486
107	Genome-wide detection and characterization of positive selection in human populations. <i>Nature</i> , 2007 , 449, 913-8	50.4	1367
106	Identification of pre-leukaemic haematopoietic stem cells in acute leukaemia. <i>Nature</i> , 2014 , 506, 328-33	50.4	1011
105	Discovery of cross-reactive probes and polymorphic CpGs in the Illumina Infinium HumanMethylation450 microarray. <i>Epigenetics</i> , 2013 , 8, 203-9	5.7	953
104	Genome-wide association scan identifies a colorectal cancer susceptibility locus on chromosome 8q24. <i>Nature Genetics</i> , 2007 , 39, 989-94	36.3	609
103	Genome-wide association scan identifies a colorectal cancer susceptibility locus on 11q23 and replicates risk loci at 8q24 and 18q21. <i>Nature Genetics</i> , 2008 , 40, 631-7	36.3	486
102	Identification of a gene causing human cytochrome c oxidase deficiency by integrative genomics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 605-10	11.5	472
101	Meta-analysis of genome-wide association data identifies four new susceptibility loci for colorectal cancer. <i>Nature Genetics</i> , 2008 , 40, 1426-35	36.3	457
100	Characterization of a common susceptibility locus for asthma-related traits. <i>Science</i> , 2004 , 304, 300-4	33.3	382
99	Large-scale discovery and genotyping of single-nucleotide polymorphisms in the mouse. <i>Nature Genetics</i> , 2000 , 24, 381-6	36.3	371
98	ARSACS, a spastic ataxia common in northeastern Québec, is caused by mutations in a new gene encoding an 11.5-kb ORF. <i>Nature Genetics</i> , 2000 , 24, 120-5	36.3	332
97	Spatial genomic heterogeneity within localized, multifocal prostate cancer. <i>Nature Genetics</i> , 2015 , 47, 736-45	36.3	306
96	An optimized set of human telomere clones for studying telomere integrity and architecture. <i>American Journal of Human Genetics</i> , 2000 , 67, 320-32	11	270

95	Genomewide scan of multiple sclerosis in Finnish multiplex families. <i>American Journal of Human Genetics</i> , 1997 , 61, 1379-87	11	267
94	Disease variants alter transcription factor levels and methylation of their binding sites. <i>Nature Genetics</i> , 2017 , 49, 131-138	36.3	252
93	A predominant role for the HLA class II region in the association of the MHC region with multiple sclerosis. <i>Nature Genetics</i> , 2005 , 37, 1108-12	36.3	252
92	Identification of Genetic Susceptibility Loci for Colorectal Tumors in a Genome-Wide Meta-analysis. <i>Gastroenterology</i> , 2013 , 144, 799-807.e24	13.3	250
91	Cis-acting regulatory variation in the human genome. <i>Science</i> , 2004 , 306, 647-50	33.3	218
90	A survey of genetic and epigenetic variation affecting human gene expression. <i>Physiological Genomics</i> , 2004 , 16, 184-93	3.6	201
89	A comprehensive assessment of somatic mutation detection in cancer using whole-genome sequencing. <i>Nature Communications</i> , 2015 , 6, 10001	17.4	199
88	Analysis of 589,306 genomes identifies individuals resilient to severe Mendelian childhood diseases. <i>Nature Biotechnology</i> , 2016 , 34, 531-8	44.5	196
87	Association of vitamin D receptor genetic variants with susceptibility to asthma and atopy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 967-73	10.2	192
86	Differential allelic expression in the human genome: a robust approach to identify genetic and epigenetic cis-acting mechanisms regulating gene expression. <i>PLoS Genetics</i> , 2008 , 4, e1000006	6	190
85	Discovery of common and rare genetic risk variants for colorectal cancer. <i>Nature Genetics</i> , 2019 , 51, 76-83	36.3	177
84	Meta-analysis of new genome-wide association studies of colorectal cancer risk. <i>Human Genetics</i> , 2012 , 131, 217-34	6.3	173
83	Characterization of variability in large-scale gene expression data: implications for study design. <i>Genomics</i> , 2002 , 79, 104-13	4.3	165
82	CAG expansion in the Huntington disease gene is associated with a specific and targetable predisposing haplogroup. <i>American Journal of Human Genetics</i> , 2009 , 84, 351-66	11	163
81	A susceptibility locus for asthma-related traits on chromosome 7 revealed by genome-wide scan in a founder population. <i>Nature Genetics</i> , 2001 , 28, 87-91	36.3	148
80	A Pan-BCL2 inhibitor renders bone-marrow-resident human leukemia stem cells sensitive to tyrosine kinase inhibition. <i>Cell Stem Cell</i> , 2013 , 12, 316-28	18	140
79	Polymorphisms in toll-like receptor 4 are not associated with asthma or atopy-related phenotypes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 1449-56	10.2	138
78	Association of aspirin and NSAID use with risk of colorectal cancer according to genetic variants. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1133-42	27.4	135

77	5Tflanking variants of resistin are associated with obesity. <i>Diabetes</i> , 2002 , 51, 1629-34	0.9	129
76	Asthma and genes encoding components of the vitamin D pathway. <i>Respiratory Research</i> , 2009 , 10, 98	7.3	110
75	Genome-wide association study of colorectal cancer identifies six new susceptibility loci. <i>Nature Communications</i> , 2015 , 6, 7138	17.4	106
74	Influence of human genome polymorphism on gene expression. <i>Human Molecular Genetics</i> , 2006 , 15 Spec No 1, R9-16	5.6	106
73	Meta-analysis identifies seven susceptibility loci involved in the atopic march. <i>Nature Communications</i> , 2015 , 6, 8804	17.4	105
72	Radiation hybrid map of the mouse genome. <i>Nature Genetics</i> , 1999 , 22, 384-7	36.3	103
71	Disruption of AP1S1, causing a novel neurocutaneous syndrome, perturbs development of the skin and spinal cord. <i>PLoS Genetics</i> , 2008 , 4, e1000296	6	102
70	1alpha,25-dihydroxy-vitamin D3 stimulation of bronchial smooth muscle cells induces autocrine, contractility, and remodeling processes. <i>Physiological Genomics</i> , 2007 , 29, 161-8	3.6	102
69	Survey of allelic expression using EST mining. <i>Genome Research</i> , 2005 , 15, 1584-91	9.7	99
68	Functional classes of bronchial mucosa genes that are differentially expressed in asthma. <i>BMC Genomics</i> , 2004 , 5, 21	4.5	93
67	Analyses of associations with asthma in four asthma population samples from Canada and Australia. <i>Human Genetics</i> , 2009 , 125, 445-59	6.3	91
66	Long-range epigenetic regulation is conferred by genetic variation located at thousands of independent loci. <i>Nature Communications</i> , 2015 , 6, 6326	17.4	90
65	Autosomal recessive spastic ataxia of Charlevoix-Saguenay. <i>Neuromuscular Disorders</i> , 1998 , 8, 474-9	2.9	89
64	A missense mutation (R565W) in cirhin (FLJ14728) in North American Indian childhood cirrhosis. <i>American Journal of Human Genetics</i> , 2002 , 71, 1443-9	11	88
63	Mapping common regulatory variants to human haplotypes. <i>Human Molecular Genetics</i> , 2005 , 14, 3963-74.6	11.6	82
62	An evaluation of the performance of tag SNPs derived from HapMap in a Caucasian population. <i>PLoS Genetics</i> , 2006 , 2, e27	6	81
61	Toward further mapping of the association between the IL2RA locus and type 1 diabetes. <i>Diabetes</i> , 2007 , 56, 1174-6	0.9	76
60	A YAC-based physical map of the mouse genome. <i>Nature Genetics</i> , 1999 , 22, 388-93	36.3	68

59	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 146-157	9.7	67
58	GLI2 inhibition abrogates human leukemia stem cell dormancy. <i>Journal of Translational Medicine</i> , 2015 , 13, 98	8.5	66
57	Identification of susceptibility genes for complex diseases using pooling-based genome-wide association scans. <i>Human Genetics</i> , 2009 , 125, 305-18	6.3	66
56	Identification of Susceptibility Loci and Genes for Colorectal Cancer Risk. <i>Gastroenterology</i> , 2016 , 150, 1633-1645	13.3	64
55	Sex-stratified linkage analysis identifies a female-specific locus for IgE to cockroach in Costa Ricans. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 177, 830-6	10.2	63
54	Manganese superoxide dismutase induction by iron is impaired in Friedreich ataxia cells. <i>FEBS Letters</i> , 2001 , 509, 101-5	3.8	63
53	Location score and haplotype analyses of the locus for autosomal recessive spastic ataxia of Charlevoix-Saguenay, in chromosome region 13q11. <i>American Journal of Human Genetics</i> , 1999 , 64, 768-75	11	63
52	A novel syndrome affecting multiple mitochondrial functions, located by microcell-mediated transfer to chromosome 2p14-2p13. <i>American Journal of Human Genetics</i> , 2001 , 68, 386-96	11	62
51	A radiation hybrid map of mouse genes. <i>Nature Genetics</i> , 2001 , 29, 201-5	36.3	61
50	Replication of an association between 17q21 SNPs and asthma in a French-Canadian familial collection. <i>Human Genetics</i> , 2008 , 123, 93-5	6.3	59
49	. <i>Nature Genetics</i> , 2001 , 28, 87-91	36.3	58
48	A genome-wide approach to identifying novel-imprinted genes. <i>Human Genetics</i> , 2008 , 122, 625-34	6.3	56
47	Correction of population stratification in large multi-ethnic association studies. <i>PLoS ONE</i> , 2008 , 3, e13827	3.7	53
46	Cumulative Burden of Colorectal Cancer-Associated Genetic Variants Is More Strongly Associated With Early-Onset vs Late-Onset Cancer. <i>Gastroenterology</i> , 2020 , 158, 1274-1286.e12	13.3	47
45	A genetic linkage map of the vervet monkey (<i>Chlorocebus aethiops sabaeus</i>). <i>Mammalian Genome</i> , 2007 , 18, 347-60	3.2	46
44	A second-generation association study of the 5q31 cytokine gene cluster and the interleukin-4 receptor in asthma. <i>Genomics</i> , 2001 , 77, 35-42	4.3	44
43	A progressive autosomal recessive cataract locus maps to chromosome 9q13-q22. <i>American Journal of Human Genetics</i> , 2001 , 68, 772-7	11	44
42	Anatomy of a founder effect: myotonic dystrophy in Northeastern Quebec. <i>Human Genetics</i> , 2005 , 117, 177-87	6.3	42

41	Association of urokinase-type plasminogen activator with asthma and atopy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 1109-16	10.2	41
40	Allele-specific expression in the germline of patients with familial pancreatic cancer: an unbiased approach to cancer gene discovery. <i>Cancer Biology and Therapy</i> , 2008 , 7, 135-44	4.6	37
39	PRKCA and multiple sclerosis: association in two independent populations. <i>PLoS Genetics</i> , 2006 , 2, e42	6	37
38	A genomewide linkage-disequilibrium scan localizes the Saguenay-Lac-Saint-Jean cytochrome oxidase deficiency to 2p16. <i>American Journal of Human Genetics</i> , 2001 , 68, 397-409	11	37
37	A PCR-based linkage map of human chromosome 1. <i>Genomics</i> , 1993 , 15, 251-8	4.3	36
36	Characterization of short tandem repeats from thirty-one human telomeres. <i>Genome Research</i> , 1997 , 7, 917-23	9.7	34
35	Localization of a recessive gene for North American Indian childhood cirrhosis to chromosome region 16q22-and identification of a shared haplotype. <i>American Journal of Human Genetics</i> , 2000 , 67, 222-8	11	34
34	Genome-wide Modeling of Polygenic Risk Score in Colorectal Cancer Risk. <i>American Journal of Human Genetics</i> , 2020 , 107, 432-444	11	31
33	An atypical form of erythrokeratoderma variabilis maps to chromosome 7q22. <i>Human Genetics</i> , 2005 , 116, 167-71	6.3	30
32	Genome-Wide Interaction Analyses between Genetic Variants and Alcohol Consumption and Smoking for Risk of Colorectal Cancer. <i>PLoS Genetics</i> , 2016 , 12, e1006296	6	30
31	Genes to diseases (G2D) computational method to identify asthma candidate genes. <i>PLoS ONE</i> , 2008 , 3, e2907	3.7	30
30	Genetic variants and susceptibility to neurological complications following West Nile virus infection. <i>Journal of Infectious Diseases</i> , 2011 , 204, 1031-7	7	28
29	Functional promoter SNPs in cell cycle checkpoint genes. <i>Human Molecular Genetics</i> , 2005 , 14, 2641-8	5.6	26
28	A genome-wide association study for colorectal cancer identifies a risk locus in 14q23.1. <i>Human Genetics</i> , 2015 , 134, 1249-1262	6.3	25
27	Genome-Wide DNA Methylation Analysis Reveals Epigenetic Dysregulation of MicroRNA-34A in TP53-Associated Cancer Susceptibility. <i>Journal of Clinical Oncology</i> , 2016 , 34, 3697-3704	2.2	25
26	Analysis of early C2C12 myogenesis identifies stably and differentially expressed transcriptional regulators whose knock-down inhibits myoblast differentiation. <i>Physiological Genomics</i> , 2012 , 44, 183-97 ^{3.6}	3.6	25
25	Detection and characterization of DNA variants in the promoter regions of hundreds of human disease candidate genes. <i>Genomics</i> , 2006 , 87, 704-10	4.3	25
24	Complete nucleotide sequence and genomic structure of the human NRAMP1 gene region on chromosome region 2q35. <i>Mammalian Genome</i> , 2000 , 11, 755-62	3.2	25

23	Identification of a common variant with potential pleiotropic effect on risk of inflammatory bowel disease and colorectal cancer. <i>Carcinogenesis</i> , 2015 , 36, 999-1007	4.6	21
22	Autosomal recessive spastic ataxia of Charlevoix-Saguenay (ARSACS): high-resolution physical and transcript map of the candidate region in chromosome region 13q11. <i>Genomics</i> , 1999 , 62, 156-64	4.3	20
21	A cis-acting regulatory variant in the IL2RA locus. <i>Journal of Immunology</i> , 2009 , 183, 5158-62	5.3	19
20	Mapping cis-acting regulatory variation in recombinant congenic strains. <i>Physiological Genomics</i> , 2006 , 25, 294-302	3.6	19
19	MLH1 region polymorphisms show a significant association with CpG island shore methylation in a large cohort of healthy individuals. <i>PLoS ONE</i> , 2012 , 7, e51531	3.7	17
18	Landscape of somatic single nucleotide variants and indels in colorectal cancer and impact on survival. <i>Nature Communications</i> , 2020 , 11, 3644	17.4	16
17	Identification of a chromosome 8p locus for early-onset coronary heart disease in a French Canadian population. <i>European Journal of Human Genetics</i> , 2008 , 16, 105-14	5.3	15
16	Large-Scale Uniform Analysis of Cancer Whole Genomes in Multiple Computing Environments		14
15	Genetic variation in immune signaling genes differentially expressed in asthmatic lung tissues. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 122, 529-36.e17	11.5	13
14	Resources for genetic variation studies. <i>Annual Review of Genomics and Human Genetics</i> , 2006 , 7, 443-57	9.7	13
13	Activation of hedgehog signaling associates with early disease progression in chronic lymphocytic leukemia. <i>Blood</i> , 2019 , 133, 2651-2663	2.2	10
12	Common variants in the obesity-associated genes FTO and MC4R are not associated with risk of colorectal cancer. <i>Cancer Epidemiology</i> , 2016 , 44, 1-4	2.8	9
11	No evidence of gene-calcium interactions from genome-wide analysis of colorectal cancer risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 2971-6	4	9
10	Simulating thermal effects of MR-guided focused ultrasound in cortical bone and its surrounding tissue. <i>Medical Physics</i> , 2018 , 45, 506-519	4.4	9
9	A sequence variation in the mitochondrial glycerol-3-phosphate dehydrogenase gene is associated with increased plasma glycerol and free fatty acid concentrations among French Canadians. <i>Molecular Genetics and Metabolism</i> , 2001 , 72, 209-17	3.7	8
8	Transcriptome-wide characterization of the endogenous miR-34A-p53 tumor suppressor network. <i>Oncotarget</i> , 2016 , 7, 49611-49622	3.3	8
7	Genetic architectures of proximal and distal colorectal cancer are partly distinct. <i>Gut</i> , 2021 , 70, 1325-1334	4.2	7
6	Personalized medicine: a transformative approach is needed. <i>Cmaj</i> , 2009 , 180, 911-3	3.5	6

5	Functional normalization of 450k methylation array data improves replication in large cancer studies		5
4	The effect of 5-fluorouracil/leucovorin chemotherapy on CpG methylation, or the confounding role of leukocyte heterogeneity: An illustration. <i>Genomics</i> , 2015 , 106, 340-7	4.3	4
3	Cancer genome variation in children, adolescents, and young adults. <i>Cancer</i> , 2011 , 117, 2262-7	6.4	4
2	Patterns of variation in DNA segments upstream of transcription start sites. <i>Human Mutation</i> , 2007 , 28, 441-50	4.7	4
1	Molecular and Pathology Features of Colorectal Tumors and Patient Outcomes Are Associated with and Its Subspecies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 ,	4	1