John A Todd

List of Publications by Year
in descending order

299 papers	47,536 citations	1994 101 h-index	1934 207 g-index
329 all docs	329 docs citations	329 times ranked	39609 citing authors

#	Article	IF	Citations
1	HLA-DQÎ² gene contributes to susceptibility and resistance to insulin-dependent diabetes mellitus. Nature, 1987, 329, 599-604.	27.8	2,018
2	Association of the T-cell regulatory gene CTLA4 with susceptibility to autoimmune disease. Nature, 2003, 423, 506-511.	27.8	1,980
3	Genome-wide association study and meta-analysis find that over 40 loci affect risk of type 1 diabetes. Nature Genetics, 2009, 41, 703-707.	21.4	1,513
4	A genome-wide search for human type 1 diabetes susceptibility genes. Nature, 1994, 371, 130-136.	27.8	1,326
5	Robust associations of four new chromosome regions from genome-wide analyses of type 1 diabetes. Nature Genetics, 2007, 39, 857-864.	21.4	1,324
6	Association scan of 14,500 nonsynonymous SNPs in four diseases identifies autoimmunity variants. Nature Genetics, 2007, 39, 1329-1337.	21.4	1,298
7	Genomic atlas of the human plasma proteome. Nature, 2018, 558, 73-79.	27.8	1,180
8	Haplotype tagging for the identification of common disease genes. Nature Genetics, 2001, 29, 233-237.	21.4	1,118
9	Genome-wide association studies: theoretical and practical concerns. Nature Reviews Genetics, 2005, 6, 109-118.	16.3	1,009
10	Rare Variants of IFIH1 , a Gene Implicated in Antiviral Responses, Protect Against Type 1 Diabetes. Science, 2009, 324, 387-389.	12.6	876
11	Lineage-Specific Genome Architecture Links Enhancers and Non-coding Disease Variants to Target Gene Promoters. Cell, 2016, 167, 1369-1384.e19.	28.9	863
12	Insulin expression in human thymus is modulated by INS VNTR alleles at the IDDM2 locus. Nature Genetics, 1997, 15, 289-292.	21.4	745
13	Genome-wide association study of CNVs in 16,000 cases of eight common diseases and 3,000 shared controls. Nature, 2010, 464, 713-720.	27.8	737
14	Genetic Analysis of Autoimmune Disease. Cell, 1996, 85, 311-318.	28.9	693
15	The CTLA-4 gene region of chromosome 2q33 is linked to, and associated with, type 1 diabetes. Belgian Diabetes Registry. Human Molecular Genetics, 1996, 5, 1075-1080.	2.9	686
16	A high-resolution HLA and SNP haplotype map for disease association studies in the extended human MHC. Nature Genetics, 2006, 38, 1166-1172.	21.4	686
17	Shared and Distinct Genetic Variants in Type 1 Diabetes and Celiac Disease. New England Journal of Medicine, 2008, 359, 2767-2777.	27.0	654
18	HLA DR-DQ Haplotypes and Genotypes and Type 1 Diabetes Risk. Diabetes, 2008, 57, 1084-1092.	0.6	631

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19	A genome-wide association study of nonsynonymous SNPs identifies a type 1 diabetes locus in the interferon-induced helicase (IFIH1) region. Nature Genetics, 2006, 38, 617-619.	21.4	619
20	Fine mapping of type 1 diabetes susceptibility loci and evidence for colocalization of causal variants with lymphoid gene enhancers. Nature Genetics, 2015, 47, 381-386.	21.4	589
21	Pervasive Sharing of Genetic Effects in Autoimmune Disease. PLoS Genetics, 2011, 7, e1002254.	3.5	540
22	Genetic analysis of autoimmune type 1 diabetes mellitus in mice. Nature, 1991, 351, 542-547.	27.8	513
23	Population structure, differential bias and genomic control in a large-scale, case-control association study. Nature Genetics, 2005, 37, 1243-1246.	21.4	496
24	Localization of type 1 diabetes susceptibility to the MHC class I genes HLA-B and HLA-A. Nature, 2007, 450, 887-892.	27.8	493
25	Towards construction of a high resolution map of the mouse genome using PCR-analysed microsatellites. Nucleic Acids Research, 1990, 18, 4123-4130.	14.5	470
26	Bayesian refinement of association signals for 14 loci in 3 common diseases. Nature Genetics, 2012, 44, 1294-1301.	21.4	469
27	Etiology of Type 1 Diabetes. Immunity, 2010, 32, 457-467.	14.3	463
28	Meta-analysis of genome-wide association study data identifies additional type 1 diabetes risk loci. Nature Genetics, 2008, 40, 1399-1401.	21.4	456
29	Replication of an Association Between the Lymphoid Tyrosine Phosphatase Locus (LYP/PTPN22) With Type 1 Diabetes, and Evidence for Its Role as a General Autoimmunity Locus. Diabetes, 2004, 53, 3020-3023.	0.6	447
30	Detecting Disease Associations due to Linkage Disequilibrium Using Haplotype Tags: A Class of Tests and the Determinants of Statistical Power. Human Heredity, 2003, 56, 18-31.	0.8	392
31	Large-scale genetic fine mapping and genotype-phenotype associations implicate polymorphism in the IL2RA region in type 1 diabetes. Nature Genetics, 2007, 39, 1074-1082.	21.4	380
32	Widespread seasonal gene expression reveals annual differences in human immunity and physiology. Nature Communications, 2015, 6, 7000.	12.8	367
33	Towards fully automated genomeâ€“wide polymorphism screening. Nature Genetics, 1995, 9, 341-342.	21.4	340
34	Interleukin-2 gene variation impairs regulatory T cell function and causes autoimmunity. Nature Genetics, 2007, 39, 329-337.	21.4	333
35	A search for type 1 diabetes susceptibility genes in families from the United Kingdom. Nature Genetics, 1998, 19, 297-300.	21.4	316
36	Localization of a Type 1 Diabetes Locus in the IL2RA/CD25 Region by Use of Tag Single-Nucleotide Polymorphisms. American Journal of Human Genetics, 2005, 76, 773-779.	6.2	316

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37	Overexpression of the Cytokine BAFF and Autoimmunity Risk. New England Journal of Medicine, 2017, 376, 1615-1626.	27.0	301
38	Linkage and association of insulin gene VNTR regulatory polymorphism with polycystic ovary syndrome. Lancet, The, 1997, 349, 986-990.	13.7	295
39	Open Targets Genetics: systematic identification of trait-associated genes using large-scale genetics and functional genomics. Nucleic Acids Research, 2021, 49, D1311-D1320.	14.5	295
40	Variation analysis and gene annotation of eight MHC haplotypes: The MHC Haplotype Project. Immunogenetics, 2008, 60, 1-18.	2.4	286
41	The imprinted DLK1-MEG3 gene region on chromosome 14q32.2 alters susceptibility to type 1 diabetes. Nature Genetics, 2010, 42, 68-71.	21.4	281
42	SARS-CoV-2 within-host diversity and transmission. Science, 2021, 372, .	12.6	278
43	A trans-acting locus regulates an anti-viral expression network and type 1 diabetes risk. Nature, 2010, 467, 460-464.	27.8	271
44	Association of the INS VNTR with size at birth. Nature Genetics, 1998, 19, 98-100.	21.4	270
45	A Type I Interferon Transcriptional Signature Precedes Autoimmunity in Children Genetically at Risk for Type 1 Diabetes. Diabetes, 2014, 63, 2538-2550.	0.6	261
46	Complete MHC Haplotype Sequencing for Common Disease Gene Mapping. Genome Research, 2004, 14, 1176-1187.	5.5	260
47	Inherited Variation in Vitamin D Genes Is Associated With Predisposition to Autoimmune Disease Type 1 Diabetes. Diabetes, 2011, 60, 1624-1631.	0.6	260
48	HUMAN TYPE 1 DIABETES AND THE INSULIN GENE: Principles of Mapping Polygenes. Annual Review of Genetics, 1996, 30, 343-370.	7.6	259
49	Genetics of Type 1 Diabetes: What's Next?. Diabetes, 2010, 59, 1561-1571.	0.6	256
50	Cell-specific protein phenotypes for the autoimmune locus IL2RA using a genotype-selectable human bioresource. Nature Genetics, 2009, 41, 1011-1015.	21.4	249
51	Seven Regions of the Genome Show Evidence of Linkage to Type 1 Diabetes in a Consensus Analysis of 767 Multiplex Families. American Journal of Human Genetics, 2001, 69, 820-830.	6.2	245
52	Genetic control of autoimmunity in type 1 diabetes. Trends in Immunology, 1990, 11, 122-129.	7.5	241
53	Additive and interaction effects at three amino acid positions in HLA-DQ and HLA-DR molecules drive type 1 diabetes risk. Nature Genetics, 2015, 47, 898-905.	21.4	235
54	Functional IL6R 358Ala Allele Impairs Classical IL-6 Receptor Signaling and Influences Risk of Diverse Inflammatory Diseases. PLoS Genetics, 2013, 9, e1003444.	3.5	234

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55	Genome-Wide Association Analysis of Autoantibody Positivity in Type 1 Diabetes Cases. PLoS Genetics, 2011, 7, e1002216.	3.5	230
56	Parameters for reliable results in genetic association studies in common disease. Nature Genetics, 2002, 30, 149-150.	21.4	224
57	Type 1 Diabetes. Diabetes, 2005, 54, 2995-3001.	0.6	221
58	Cloning of a novel member of the low-density lipoprotein receptor family. Gene, 1998, 216, 103-111.	2.2	212
59	IL2RA Genetic Heterogeneity in Multiple Sclerosis and Type 1 Diabetes Susceptibility and Soluble Interleukin-2 Receptor Production. PLoS Genetics, 2009, 5, e1000322.	3.5	210
60	An open approach to systematically prioritize causal variants and genes at all published human GWAS trait-associated loci. Nature Genetics, 2021, 53, 1527-1533.	21.4	208
61	Remapping the Insulin Gene/IDDM2 Locus in Type 1 Diabetes. Diabetes, 2004, 53, 1884-1889.	0.6	198
62	Genome-wide analysis of allelic expression imbalance in human primary cells by high-throughput transcriptome resequencing. Human Molecular Genetics, 2010, 19, 122-134.	2.9	197
63	Isolation and Characterization ofLRP6,a Novel Member of the Low Density Lipoprotein Receptor Gene Family. Biochemical and Biophysical Research Communications, 1998, 248, 879-888.	2.1	192
64	Association of the Vitamin D Metabolism Gene CYP27B1 With Type 1 Diabetes. Diabetes, 2007, 56, 2616-2621.	0.6	190
65	Absolute Risk of Childhood-Onset Type 1 Diabetes Defined by Human Leukocyte Antigen Class II Genotype: A Population-Based Study in the United Kingdom. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4037-4043.	3.6	189
66	Metagenomics and Personalized Medicine. Cell, 2011, 147, 44-56.	28.9	189
67	Blood and Islet Phenotypes Indicate Immunological Heterogeneity in Type 1 Diabetes. Diabetes, 2014, 63, 3835-3845.	0.6	189
68	Statistical false positive or true disease pathway?. Nature Genetics, 2006, 38, 731-733.	21.4	187
69	Type 1 Diabetes-Associated IL2RA Variation Lowers IL-2 Signaling and Contributes to Diminished CD4+CD25+ Regulatory T Cell Function. Journal of Immunology, 2012, 188, 4644-4653.	0.8	187
70	The genetically isolated populations of Finland and Sardinia may not be a panacea for linkage disequilibrium mapping of common disease genes. Nature Genetics, 2000, 25, 320-323.	21.4	186
71	Evaluation of Single Nucleotide Polymorphism Typing with Invader on PCR Amplicons and Its Automation. Genome Research, 2000, 10, 330-343.	5.5	186
72	Genetic Protection from the Inflammatory Disease Type 1 Diabetes in Humans and Animal Models. Immunity, 2001, 15, 387-395.	14.3	186

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73	Negligible impact of rare autoimmune-locus coding-region variants on missing heritability. Nature, 2013, 498, 232-235.	27.8	184
74	Insulin VNTR allele-specific effect in type 1 diabetes depends on identity of untransmitted paternal allele. Nature Genetics, 1997, 17, 350-352.	21.4	183
75	Type 1 diabetes in mice is linked to the interleukin-1 receptor and Lsh/Ity/Bcg genes on chromosome 1. Nature, 1991, 353, 262-265.	27.8	181
76	Comparative high-resolution analysis of linkage disequilibrium and tag single nucleotide polymorphisms between populations in the vitamin D receptor gene. Human Molecular Genetics, 2004, 13, 1633-1639.	2.9	175
77	Additional microsatellite markers for mouse genome mapping. Mammalian Genome, 1991, 1, 273-282.	2.2	169
78	Panning for gold: genome-wide scanning for linkage in type 1 diabetes. Human Molecular Genetics, 1996, 5, 1443-1448.	2.9	166
79	The Predisposition to Type 1 Diabetes Linked to the Human Leukocyte Antigen Complex Includes at Least One Nonâ€“Class II Gene. American Journal of Human Genetics, 1999, 64, 793-800.	6.2	166
80	A blood atlas of COVID-19 defines hallmarks of disease severity and specificity. Cell, 2022, 185, 916-938.e58.	28.9	164
81	A correlation between the relative predisposition of MHC class II alleles to type 1 diabetes and the structure of their proteins. Human Molecular Genetics, 2001, 10, 2025-2037.	2.9	159
82	Genetic Analysis of Completely Sequenced Disease-Associated MHC Haplotypes Identifies Shuffling of Segments in Recent Human History. PLoS Genetics, 2006, 2, e9.	3.5	156
83	The NOD Idd9 Genetic Interval Influences the Pathogenicity of Insulitis and Contains Molecular Variants of Cd30, Tnfr2, and Cd137. Immunity, 2000, 13, 107-115.	14.3	153
84	The insulin gene VNTR, type 2 diabetes and birth weight. Nature Genetics, 1999, 21, 262-263.	21.4	152
85	The generation of a library of PCR-analyzed microsatellite variants for genetic mapping of the mouse genome. Genomics, 1991, 10, 874-881.	2.9	151
86	IDDM2-VNTR-encoded Susceptibility to Type 1 Diabetes: Dominant Protection and Parental Transmission of Alleles of the Insulin Gene-linked Minisatellite Locus. Journal of Autoimmunity, 1996, 9, 415-421.	6.5	150
87	Type 1 diabetes genes and pathways shared by humans and NOD mice. Journal of Autoimmunity, 2005, 25, 29-33.	6.5	145
88	Seven newly identified loci for autoimmune thyroid disease. Human Molecular Genetics, 2012, 21, 5202-5208.	2.9	143
89	Regression Mapping of Association between the Human Leukocyte Antigen Region and Graves Disease. American Journal of Human Genetics, 2005, 76, 157-163.	6.2	134
90	Integration of disease association and eQTL data using a Bayesian colocalisation approach highlights six candidate causal genes in immune-mediated diseases. Human Molecular Genetics, 2015, 24, 3305-3313.	2.9	134

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91	Fine-mapping, trans-ancestral and genomic analyses identify causal variants, cells, genes and drug targets for type 1 diabetes. Nature Genetics, 2021, 53, 962-971.	21.4	133
92	A long-lived IL-2 mutein that selectively activates and expands regulatory T cells as a therapy for autoimmune disease. Journal of Autoimmunity, 2018, 95, 1-14.	6.5	129
93	Statistical colocalization of genetic risk variants for related autoimmune diseases in the context of common controls. Nature Genetics, 2015, 47, 839-846.	21.4	128
94	Congenic Mapping of the Type 1 Diabetes Locus, Idd3, to a 780-kb Region of Mouse Chromosome 3: Identification of a Candidate Segment of Ancestral DNA by Haplotype Mapping. Genome Research, 2000, 10, 446-453.	5.5	126
95	Fine-mapping and functional studies highlight potential causal variants for rheumatoid arthritis and type 1 diabetes. Nature Genetics, 2018, 50, 1366-1374.	21.4	122
96	A male-female bias in type 1 diabetes and linkage to chromosome Xp in MHC HLA-DR3-positive patients. Nature Genetics, 1998, 19, 301-302.	21.4	119
97	From genome to aetiology in a multifactorial disease, type 1 diabetes. BioEssays, 1999, 21, 164-174.	2.5	118
98	Major factors influencing linkage disequilibrium by analysis of different chromosome regions in distinct populations: demography, chromosome recombination frequency and selection. Human Molecular Genetics, 2000, 9, 2947-2957.	2.9	117
99	Regulatory T Cell Responses in Participants with Type 1 Diabetes after a Single Dose of Interleukin-2: A Non-Randomised, Open Label, Adaptive Dose-Finding Trial. PLoS Medicine, 2016, 13, e1002139.	8.4	117
100	The impact of proinflammatory cytokines on the Î²-cell regulatory landscape provides insights into the genetics of type 1 diabetes. Nature Genetics, 2019, 51, 1588-1595.	21.4	117
101	The Type 1 Diabetes Genetics Consortium. Annals of the New York Academy of Sciences, 2006, 1079, 1-8.	3.8	116
102	IL-21 production by CD4+ effector T cells and frequency of circulating follicular helper T cells are increased in type 1 diabetes patients. Diabetologia, 2015, 58, 781-790.	6.3	116
103	Genetic Analysis of Adult-Onset Autoimmune Diabetes. Diabetes, 2011, 60, 2645-2653.	0.6	115
104	Association of the interleukin-2 receptor alpha (IL-2R?)/CD25 gene region with Graves' disease using a multilocus test and tag SNPs. Clinical Endocrinology, 2007, 66, 070208104737001-???.	2.4	114
105	FUT2 Nonsecretor Status Links Type 1 Diabetes Susceptibility and Resistance to Infection. Diabetes, 2011, 60, 3081-3084.	0.6	111
106	Unbiased Application of the Transmission/Disequilibrium Test to Multilocus Haplotypes. American Journal of Human Genetics, 2000, 66, 2009-2012.	6.2	109
107	A Human Type 1 Diabetes Susceptibility Locus Maps to Chromosome 21q22.3. Diabetes, 2008, 57, 2858-2861.	0.6	103
108	Statistical colocalization of monocyte gene expression and genetic risk variants for type 1 diabetes. Human Molecular Genetics, 2012, 21, 2815-2824.	2.9	103

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109	Fine Mapping, Gene Content, Comparative Sequencing, and Expression Analyses SupportCtla4andNramp1as Candidates forIdd5.1andIdd5.2in the Nonobese Diabetic Mouse. Journal of Immunology, 2004, 173, 164-173.	0.8	102
110	Long-range DNA looping and gene expression analyses identify DEXI as an autoimmune disease candidate gene. Human Molecular Genetics, 2012, 21, 322-333.	2.9	100
111	Multifactorial inheritance in type 1 diabetes. Trends in Genetics, 1995, 11, 499-504.	6.7	93
112	Identification of LZTFL1 as a candidate effector gene at a COVID-19 risk locus. Nature Genetics, 2021, 53, 1606-1615.	21.4	93
113	Proteome-Wide Analysis of Disease-Associated SNPs That Show Allele-Specific Transcription Factor Binding. PLoS Genetics, 2012, 8, e1002982.	3.5	92
114	Childhood adiposity and risk of type 1 diabetes: A Mendelian randomization study. PLoS Medicine, 2017, 14, e1002362.	8.4	90
115	Prevalence of Abnormal Lipid Profiles and the Relationship With the Development of Microalbuminuria in Adolescents With Type 1 Diabetes. Diabetes Care, 2009, 32, 658-663.	8.6	89
116	Statistical independence of the colocalized association signals for type 1 diabetes and RPS26 gene expression on chromosome 12q13. Biostatistics, 2009, 10, 327-334.	1.5	89
117	Genetic Control of Autoimmunity: Protection from Diabetes, but Spontaneous Autoimmune Biliary Disease in a Nonobese Diabetic Congenic Strain. Journal of Immunology, 2004, 173, 2315-2323.	0.8	88
118	A molecular basis for genetic susceptibility to insulin-dependent diabetes mellitus. Trends in Genetics, 1988, 4, 129-134.	6.7	87
119	Genome-Wide Scan for Linkage to Type 1 Diabetes in 2,496 Multiplex Families From the Type 1 Diabetes Genetics Consortium. Diabetes, 2009, 58, 1018-1022.	0.6	87
120	Tackling common disease. Nature, 2001, 411, 537-539.	27.8	82
121	A novel and major association ofHLA-Cin Graves' disease that eclipses the classicalHLA-DRB1effect. Human Molecular Genetics, 2007, 16, 2149-2153.	2.9	82
122	Reduced Expression of IFIH1 Is Protective for Type 1 Diabetes. PLoS ONE, 2010, 5, e12646.	2.5	82
123	PTPN22 Trp620 Explains the Association of Chromosome 1p13 With Type 1 Diabetes and Shows a Statistical Interaction With HLA Class II Genotypes. Diabetes, 2008, 57, 1730-1737.	0.6	78
124	Cells with Treg-specific FOXP3 demethylation but low CD25 are prevalent in autoimmunity. Journal of Autoimmunity, 2017, 84, 75-86.	6.5	78
125	Analysis of the Vitamin D Receptor Gene Sequence Variants in Type 1 Diabetes. Diabetes, 2004, 53, 2709-2712.	0.6	76
126	Mononucleotide repeats are an abundant source of length variants in mouse genomic DNA. Mammalian Genome, 1991, 1, 206-210.	2.2	74

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127	Common polymorphism in H19 associated with birthweight and cord blood IGF-II levels in humans. BMC Genetics, 2005, 6, 22.	2.7	72
128	Statistical Modeling of Interlocus Interactions in a Complex Disease: Rejection of the Multiplicative Model of Epistasis in Type 1 Diabetes. Genetics, 2001, 158, 357-367.	2.9	72
129	Experimental aspects of copy number variant assays at CCL3L1. Nature Medicine, 2009, 15, 1115-1117.	30.7	69
130	T1DBase: update 2011, organization and presentation of large-scale data sets for type 1 diabetes research. Nucleic Acids Research, 2011, 39, D997-D1001.	14.5	68
131	Chromosome contacts in activated T cells identify autoimmune disease candidate genes. Genome Biology, 2017, 18, 165.	8.8	68
132	DIFFERENTIAL GLYCOSYLATION OF INTERLEUKIN 2, THE MOLECULAR BASIS FOR THE NOD Idd3 TYPE 1 DIABETES GENE?. Cytokine, 2000, 12, 477-482.	3.2	66
133	Transmission ratio distortion at the INS-IGF2 VNTR. Nature Genetics, 1999, 22, 324-325.	21.4	65
134	Assessing the validity of the association between the SUMO4 M55V variant and risk of type 1 diabetes. Nature Genetics, 2005, 37, 110-111.	21.4	65
135	Chapter 6 Geneâ€“Gene Interactions in the NOD Mouse Model of Type 1 Diabetes. Advances in Immunology, 2008, 100, 151-175.	2.2	65
136	Ten years of genetics and genomics: what have we achieved and where are we heading?. Nature Reviews Genetics, 2010, 11, 723-733.	16.3	65
137	Haplotype Structure, LD Blocks, and Uneven Recombination Within the LRP5 Gene. Genome Research, 2003, 13, 845-855.	5.5	64
138	A Method to Address Differential Bias in Genotyping in Large-Scale Association Studies. PLoS Genetics, 2007, 3, e74.	3.5	63
139	The inter-regional distribution of HLA class II haplotypes indicates the suitability of the Sardinian population for case-control association studies in complex diseases. Human Molecular Genetics, 2000, 9, 2959-2965.	2.9	62
140	Maternal-Fetal Interactions and Birth Order Influence Insulin Variable Number of Tandem Repeats Allele Class Associations with Head Size at Birth and Childhood Weight Gain. Diabetes, 2004, 53, 1128-1133.	0.6	62
141	Oral insulin therapy for primary prevention of type 1 diabetes in infants with high genetic risk: the GPPAD-POInT (global platform for the prevention of autoimmune diabetes primary oral insulin trial) study protocol. BMJ Open, 2019, 9, e028578.	1.9	62
142	Association of IL13 with total IgE: Evidence against an inverse association of atopy and diabetes. Journal of Allergy and Clinical Immunology, 2006, 117, 1306-1313.	2.9	61
143	Analysis of association of the TIRAP (MAL) S180L variant and tuberculosis in three populations. Nature Genetics, 2008, 40, 261-262.	21.4	61
144	Discovery of CD80 and CD86 as recent activation markers on regulatory T cells by protein-RNA single-cell analysis. Genome Medicine, 2020, 12, 55.	8.2	61

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145	T1DBase: integration and presentation of complex data for type 1 diabetes research. Nucleic Acids Research, 2007, 35, D742-D746.	14.5	60
146	Evidence of Gene-Gene Interaction and Age-at-Diagnosis Effects in Type 1 Diabetes. Diabetes, 2012, 61, 3012-3017.	0.6	60
147	Postthymic Expansion in Human CD4 Naive T Cells Defined by Expression of Functional High-Affinity IL-2 Receptors. Journal of Immunology, 2013, 190, 2554-2566.	0.8	60
148	Genetic Variants Predisposing Most Strongly to Type 1 Diabetes Diagnosed Under Age 7 Years Lie Near Candidate Genes That Function in the Immune System and in Pancreatic Î²-Cells. Diabetes Care, 2020, 43, 169-177.	8.6	60
149	Expression of the Type I Diabetes-associated Gene LRP5 in Macrophages, Vitamin A System Cells, and the Islets of Langerhans Suggests Multiple Potential Roles in Diabetes. Journal of Histochemistry and Cytochemistry, 2000, 48, 1357-1368.	2.5	59
150	Approaches and advances in the genetic causes of autoimmune disease and their implications. Nature Immunology, 2018, 19, 674-684.	14.5	58
151	Evidence That HLA Class I and II Associations With Type 1 Diabetes, Autoantibodies to GAD and Autoantibodies to IA-2, Are Distinct. Diabetes, 2011, 60, 2635-2644.	0.6	57
152	Fine Mapping of the Diabetes-Susceptibility Locus, IDDM4, on Chromosome 11q13. American Journal of Human Genetics, 1998, 63, 547-556.	6.2	56
153	Association of Human Endogenous Retrovirus K-18 Polymorphisms With Type 1 Diabetes. Diabetes, 2004, 53, 852-854.	0.6	56
154	Dissection of a Complex Disease Susceptibility Region Using a Bayesian Stochastic Search Approach to Fine Mapping. PLoS Genetics, 2015, 11, e1005272.	3.5	55
155	Genetic and functional association of the immune signaling molecule 4-1BB (CD137/TNFRSF9) with type 1 diabetes. Journal of Autoimmunity, 2005, 25, 13-20.	6.5	54
156	Interactions between Idd5.1/Ctla4 and Other Type 1 Diabetes Genes. Journal of Immunology, 2007, 179, 8341-8349.	0.8	54
157	A Method for Geneâ€Based Pathway Analysis Using Genomewide Association Study Summary Statistics Reveals Nine New Type 1 Diabetes Associations. Genetic Epidemiology, 2014, 38, 661-670.	1.3	54
158	Saturation multipoint linkage mapping of chromosome 6q in type 1 diabetes. Human Molecular Genetics, 1996, 5, 1071-1074.	2.9	53
159	Beta-Cell Fragility As a Common Underlying Risk Factor in Type 1 and Type 2 Diabetes. Trends in Molecular Medicine, 2017, 23, 181-194.	6.7	53
160	Preventing type 1 diabetes in childhood. Science, 2021, 373, 506-510.	12.6	52
161	Analysis of the CD3 gene region and type 1 diabetes: application of fluorescence-based technology to linkage disequilibrium mapping. Human Molecular Genetics, 1995, 4, 197-202.	2.9	51
162	Analysis of polymorphisms in 16 genes in type 1 diabetes that have been associated with other immune-mediated diseases. BMC Medical Genetics, 2006, 7, 20.	2.1	51

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163	Contrasting genetic association of IL2RAwith SLE and ANCA â€“ associated vasculitis. BMC Medical Genetics, 2009, 10, 22.	2.1	51
164	The IL23R A/Gln381 Allele Promotes IL-23 Unresponsiveness in Human Memory T-Helper 17 Cells and Impairs Th17 Responses in Psoriasis Patients. Journal of Investigative Dermatology, 2013, 133, 2381-2389.	0.7	51
165	Genetics of autoimmune disease. Current Opinion in Immunology, 1995, 7, 786-792.	5.5	50
166	An Allele ofIKZF1(Ikaros) Conferring Susceptibility to Childhood Acute Lymphoblastic Leukemia Protects Against Type 1 Diabetes. Diabetes, 2011, 60, 1041-1044.	0.6	50
167	Extreme Clonality in Lymphoblastoid Cell Lines with Implications for Allele Specific Expression Analyses. PLoS ONE, 2008, 3, e2966.	2.5	50
168	The Derivation of Highly Germline-Competent Embryonic Stem Cells Containing NOD-Derived Genome. Diabetes, 2003, 52, 205-208.	0.6	47
169	No Association Between Variation of the FOXP3 Gene and Common Type 1 Diabetes in the Sardinian Population. Diabetes, 2004, 53, 1911-1914.	0.6	47
170	Natural Variation in Interleukin-2 Sensitivity Influences Regulatory T-Cell Frequency and Function in Individuals With Long-standing Type 1 Diabetes. Diabetes, 2015, 64, 3891-3902.	0.6	46
171	Neonatal and adult recent thymic emigrants produce IL-8 and express complement receptors CR1 and CR2. JCI Insight, 2017, 2, .	5.0	46
172	Molecular genetics of diabetes mellitus. Bailliere's Clinical Endocrinology and Metabolism, 1995, 9, 631-656.	1.0	45
173	Linkage and association mapping of the LRP5 locus on chromosomeÂ11q13 in typeÂ1 diabetes. Human Genetics, 2003, 113, 99-105.	3.8	44
174	T1DBase, a community web-based resource for type 1 diabetes research. Nucleic Acids Research, 2004, 33, D544-D549.	14.5	44
175	The candidate genes TAF5L, TCF7, PDCD1 , IL6 and ICAM1 cannot be excluded from having effects in type 1 diabetes. BMC Medical Genetics, 2007, 8, 71.	2.1	44
176	Rare and functional SIAE variants are not associated with autoimmune disease risk in up to 66,924 individuals of European ancestry. Nature Genetics, 2012, 44, 3-5.	21.4	44
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