

Genetics of type 1 diabetes mellitus

Genes and Immunity

3, 235-249

DOI: [10.1038/sj.gene.6363875](https://doi.org/10.1038/sj.gene.6363875)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Characterization of a nuclear-factor-kappa B (NF κ B) genetic marker in type 1 diabetes (T1DM) families. <i>Genes and Immunity</i> , 2002, 3, 430-432.	4.1	22
2	Mutation Scan of a Type 1 Diabetes Candidate Gene. <i>Annals of the New York Academy of Sciences</i> , 2003, 1005, 332-339.	3.8	5
3	Application of genomics and proteomics in Type 1 diabetes pathogenesis research. <i>Expert Review of Molecular Diagnostics</i> , 2003, 3, 743-757.	3.1	21
4	A comprehensive guide to antibody and T-cell responses in type 1 diabetes. <i>Tissue Antigens</i> , 2003, 62, 359-377.	1.0	140
5	Association of a putative regulatory polymorphism in the PD-1 gene with susceptibility to type 1 diabetes. <i>Tissue Antigens</i> , 2003, 62, 492-497.	1.0	207
6	Association of the CTLA4 promoter region (\sim 1661G allele) with type 1 diabetes in the South Moroccan population. <i>Genes and Immunity</i> , 2003, 4, 132-137.	4.1	81
7	Looking back and looking forward. <i>Genes and Immunity</i> , 2003, 4, 1-3.	4.1	1
8	A major non-HLA locus in celiac disease maps to chromosome 191 1This study is dedicated to the memory of Lodewijk Sandkuijl (1953â€“2002), who died shortly after its completion. He was an inspiration to us and was a world expert on biostatistics.. <i>Gastroenterology</i> , 2003, 125, 1032-1041.	1.3	130
9	1. Overview of the immune response. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, S442-S459.	2.9	62
10	NEUROD polymorphism Ala45Thr is associated with Type 1 diabetes mellitus in Czech children. <i>Diabetes Research and Clinical Practice</i> , 2003, 60, 49-56.	2.8	10
11	Association and Interaction of the IL4R, IL4, and IL13 Loci with Type 1 Diabetes among Filipinos. <i>American Journal of Human Genetics</i> , 2003, 72, 1505-1514.	6.2	70
12	The etiology of autoimmune diabetes and thyroiditis: evidence for common genetic susceptibility. <i>Autoimmunity Reviews</i> , 2003, 2, 377-386.	5.8	62
13	Genomic Priorities and Public Health. <i>Science</i> , 2003, 302, 599-601.	12.6	237
14	Amino acid substitutions in the thyroglobulin gene are associated with susceptibility to human and murine autoimmune thyroid disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15119-15124.	7.1	169
15	Identification of the \hat{I}^2 cell antigen targeted by a prevalent population of pathogenic CD8+T cells in autoimmune diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8384-8388.	7.1	353
16	Genetic and functional evaluation of an interleukin-12 polymorphism (IDDM18) in families with type 1 diabetes. <i>Journal of Medical Genetics</i> , 2004, 41, e39-e39.	3.2	33
17	Genetics and Type 1 Diabetes: Online Resources for Patients. <i>The Diabetes Educator</i> , 2004, 30, 972-979.	2.5	2
18	Heart block, neonatal lupus. , 2004, , 380-380.		0

#	ARTICLE	IF	CITATIONS
19	Use of the Gottingen Minipig as a Model of Diabetes, with Special Focus on Type 1 Diabetes Research. ILAR Journal, 2004, 45, 303-313.	1.8	161
21	Genetic Testing for Sale. Epidemiology, 2004, 15, 3-5.	2.7	20
22	DPB1 Alleles Are Associated With Type 1 Diabetes Susceptibility in Multiple Ethnic Groups. Diabetes, 2004, 53, 2158-2163.	0.6	39
23	Human neutrophil elastase. , 2004, , 410-410.		0
24	A Genomewide Screen in a Four-Generation Dutch Family with Celiac Disease: Evidence for Linkage to Chromosomes 6 and 9. American Journal of Gastroenterology, 2004, 99, 466-471.	0.4	21
25	MHC-bound antigens and proteomics for novel target discovery. Pharmacogenomics, 2004, 5, 845-859.	1.3	13
26	Molecular basis of predisposition to develop type 1 diabetes mellitus in North Indians. Tissue Antigens, 2004, 64, 145-155.	1.0	26
27	Identification of a Type 1 Diabetes-Associated CD4 Promoter Haplotype with High Constitutive Activity. Scandinavian Journal of Immunology, 2004, 59, 582-591.	2.7	12
28	Association of a thyroglobulin gene polymorphism with Hashimoto's thyroiditis in the Japanese population. Clinical Endocrinology, 2004, 61, 263-268.	2.4	50
29	Humanized animal models for autoimmune diseases. Tissue Antigens, 2004, 63, 383-394.	1.0	38
30	A functional variant of SUMO4, a new Î² modifier, is associated with type 1 diabetes. Nature Genetics, 2004, 36, 837-841.	21.4	369
31	Polymorphic variation in the CBLB gene in human type 1 diabetes. Genes and Immunity, 2004, 5, 232-235.	4.1	18
32	A functional polymorphism (1858C/T) in the PTPN22 gene is linked and associated with type I diabetes in multiplex families. Genes and Immunity, 2004, 5, 678-680.	4.1	120
33	The EIF2AK3 gene region and type I diabetes in subjects from South India. Genes and Immunity, 2004, 5, 648-652.	4.1	16
34	Identification of a novel type 1 diabetes susceptibility gene, T-bet. Human Genetics, 2004, 115, 177-84.	3.8	40
36	New autoimmune genes and the pathogenesis of type 1 diabetes. Current Diabetes Reports, 2004, 4, 135-142.	4.2	16
37	Evidence for linkage on chromosome 4p16.1 in Type 1 diabetes Danish families and complete mutation scanning of the WFS1 (Wolframin) gene. Diabetic Medicine, 2004, 21, 218-222.	2.3	7
38	Particular HLA-DRB1 shared epitope genotypes are strongly associated with rheumatoid vasculitis. Arthritis and Rheumatism, 2004, 50, 3476-3484.	6.7	71

#	ARTICLE	IF	CITATIONS
39	A new type 1 diabetes susceptibility locus containing the catalase gene(chromosome 11p13) in a Russian population. Diabetes/Metabolism Research and Reviews, 2004, 20, 219-224.	4.0	29
40	Genetic screening for individuals at high risk for type 1 diabetes in the general population using HLA Class II alleles as disease markers. A comparison between three European populations with variable rates of disease incidence. Diabetes/Metabolism Research and Reviews, 2004, 20, 322-329.	4.0	38
41	Analysis of HLA genes in families with autoimmune diabetes and thyroiditis. Human Immunology, 2004, 65, 640-647.	2.4	72
42	Polymorphism scan for differences between transmitted and nontransmitted DRB1*030101 alleles outside of exon 2 for type 1 diabetes: The frequency of polymorphisms is similar. Human Immunology, 2004, 65, 737-744.	2.4	2
43	Novel Analytical Methods Applied to Type 1 Diabetes Genome-Scan Data. American Journal of Human Genetics, 2004, 74, 647-660.	6.2	20
45	The Enigma of Primary Biliary Cirrhosis. Clinical Reviews in Allergy and Immunology, 2005, 28, 073-082.	6.5	16
46	Genetic interaction among three genomic regions creates distinct contributions to early- and late-onset type 1 diabetes mellitus. Pediatric Diabetes, 2005, 6, 213-220.	2.9	40
47	No association of the codon 55 methionine to valine polymorphism in the SUMO4 gene with Graves' disease. Clinical Endocrinology, 2005, 62, 362-365.	2.4	16
48	Prevention of diabetes by manipulation of anti-IGRP autoimmunity: high efficiency of a low-affinity peptide. Nature Medicine, 2005, 11, 645-652.	30.7	132
49	Dietary habits and nutritional biomarkers in Italian type 1 diabetes families: evidence of unhealthy diet and combined-vitamin-deficient intakes. European Journal of Clinical Nutrition, 2005, 59, 114-122.	2.9	17
50	Somatostatin receptors and autoimmune-mediated diabetes. Diabetes/Metabolism Research and Reviews, 2005, 21, 15-30.	4.0	9
51	Molecular Targeting of Pancreatic Disorders. World Journal of Surgery, 2005, 29, 325-333.	1.6	15
52	Genetic analysis of the LEW.1AR1-iddm rat: an animal model for spontaneous diabetes mellitus. Mammalian Genome, 2005, 16, 432-441.	2.2	22
53	The effect of HLA class II, insulin and CTLA4 gene regions on the development of humoral beta cell autoimmunity. Diabetologia, 2005, 48, 1766-1775.	6.3	41
54	In islet-specific glucose-6-phosphatase-related protein, the beta cell antigenic sequence that is targeted in diabetes is not responsible for the loss of phosphohydrolase activity. Diabetologia, 2005, 48, 1851-1859.	6.3	11
57	Type 1 diabetes and the OAS gene cluster: association with splicing polymorphism or haplotype?. Journal of Medical Genetics, 2005, 43, 129-132.	3.2	47
58	Dogs really are man's best friend--Canine genomics has applications in veterinary and human medicine!. Briefings in Functional Genomics & Proteomics, 2005, 4, 112-128.	3.8	106
59	Identification of CD4+ T Cell-Specific Epitopes of Islet-Specific Glucose-6-Phosphatase Catalytic Subunit-Related Protein: A Novel I β Cell Autoantigen in Type 1 Diabetes. Journal of Immunology, 2005, 174, 5306-5315.	0.8	40

#	ARTICLE	IF	CITATIONS
60	A haplotype of the CYP27B1 promoter is associated with autoimmune Addison's disease but not with Graves' disease in a UK population. <i>Journal of Molecular Endocrinology</i> , 2005, 34, 859-863.	2.5	40
61	Lack of Association of PAX4 Gene With Type 1 Diabetes in the Finnish and Hungarian Populations. <i>Diabetes</i> , 2005, 54, 2816-2819.	0.6	14
62	Confirmation of the association of the R620W polymorphism in the protein tyrosine phosphatase PTPN22 with type 1 diabetes in a family based study. <i>Journal of Medical Genetics</i> , 2005, 42, 266-270.	3.2	58
63	Expression of Class II Major Histocompatibility Complex Molecules on Thyrocytes Does Not Cause Spontaneous Thyroiditis but Mildly Increases Its Severity after Immunization. <i>Endocrinology</i> , 2005, 146, 1154-1162.	2.8	37
64	Genetic Analysis of Families with Autoimmune Diabetes and Thyroiditis: Evidence for Common and Unique Genes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4904-4911.	3.6	94
65	Glutathione-s-transferase M1 and T1 polymorphisms and associations with type 1 diabetes age-at-onset. <i>Autoimmunity</i> , 2005, 38, 567-575.	2.6	50
66	Type 1 Diabetes. <i>Diabetes</i> , 2005, 54, 2995-3001.	0.6	221
67	Fine mapping of a region on chromosome 21q21.11-q22.3 showing linkage to type 1 diabetes. <i>Journal of Medical Genetics</i> , 2005, 42, 17-25.	3.2	22
68	Unraveling the Pathogenesis of Type 1 Diabetes with Proteomics: Present And Future Directions. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 441-457.	3.8	47
69	CBLB variants in type 1 diabetes and their genetic interaction with CTLA4. <i>Journal of Leukocyte Biology</i> , 2005, 77, 579-585.	3.3	39
71	The TAF5L gene on chromosome 1q42 is associated with type 1 diabetes in Russian affected patients. <i>Autoimmunity</i> , 2005, 38, 283-293.	2.6	7
72	Genetics of type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2005, 68, S10-S21.	2.8	105
73	Insulin-secreting cells derived from stem cells: Clinical perspectives, hypes and hopes. <i>Transplant Immunology</i> , 2005, 15, 113-129.	1.2	36
74	Effect of interferon alpha on MHC class II gene expression in ex vivo human islet tissue. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2006, 1762, 627-635.	3.8	10
75	A genetic explanation for the rising incidence of type 1 diabetes, a polygenic disease. <i>Journal of Autoimmunity</i> , 2006, 27, 174-181.	6.5	45
76	Disease Relevant HLA Class II Alleles Isolated by Genotypic, Haplotypic, and Sequence Analysis in North American Caucasians With Pemphigus Vulgaris. <i>Human Immunology</i> , 2006, 67, 125-139.	2.4	75
77	Human Leukocyte Antigen Non-Class II Determinants for Type 1 Diabetes in the Finnish Population. <i>Human Immunology</i> , 2006, 67, 714-721.	2.4	5
78	Is There an Association between Diabetes and Keratoconus?. <i>Ophthalmology</i> , 2006, 113, 184-190.	5.2	94

#	ARTICLE	IF	CITATIONS
79	Genomic progress in pediatric arthritis: recent work and future goals. Current Opinion in Rheumatology, 2006, 18, 482-489.	4.3	12
80	Autoantibodies in Diabetes. , 2006, , 321-349.		1
81	Evidence for the association of the SLC22A4 and SLC22A5 genes with Type 1 Diabetes: a case control study. BMC Medical Genetics, 2006, 7, 54.	2.1	35
82	Evidence for immunological priming and increased frequency of CD4+â€fCD25+cord blood T cells in children born to mothers with type 1 diabetes. Clinical and Experimental Immunology, 2006, 146, 493-502.	2.6	22
83	The Type 1 Diabetes Genetics Consortium. Annals of the New York Academy of Sciences, 2006, 1079, 1-8.	3.8	116
84	VEGF gene variability and type 1 diabetes: evidence for a protective role. Immunogenetics, 2006, 58, 107-112.	2.4	34
85	Lack of association of type 1 diabetes with the IL4R gene. Diabetologia, 2006, 49, 958-961.	6.3	4
86	Lymphoid tyrosine phosphatase (LYP/PTPN22) Arg620Trp variant regulates insulin autoimmunity and progression to type 1 diabetes. Diabetologia, 2006, 49, 1198-1208.	6.3	95
87	Role of MHC class II expressing CD4+ T cells in proteolipid protein91â€“110-induced EAE in HLA-DR3 transgenic mice. European Journal of Immunology, 2006, 36, 3356-3370.	2.9	20
88	The Idd4 Locus Displays Sex-Specific Epistatic Effects on Type 1 Diabetes Susceptibility in Nonobese Diabetic Mice. Diabetes, 2006, 55, 3611-3619.	0.6	16
89	Genetics of Diabetes and Its Complications. Journal of the American Society of Nephrology: JASN, 2006, 17, 353-360.	6.1	50
90	Immunogenetics of Autoimmune Disease. , 2006, , .		0
91	Molecular Genetic Analysis of the <i>Idd4</i> Locus Implicates the IFN Response in Type 1 Diabetes Susceptibility in Nonobese Diabetic Mice. Journal of Immunology, 2006, 176, 2976-2990.	0.8	33
92	Chapter 1 Transcription factor genes in type 2 diabetes. Advances in Molecular and Cellular Endocrinology, 2006, 5, 1-14.	0.1	2
93	Glutamate Cysteine Ligase Catalytic Subunit Promoter Polymorphisms and Associations with Type 1 Diabetes Age-at-onset and GAD65 Autoantibody Levels. Experimental and Clinical Endocrinology and Diabetes, 2007, 115, 221-228.	1.2	24
96	Stem cell-based therapy for the treatment of Type 1 diabetes mellitus. Regenerative Medicine, 2007, 2, 171-177.	1.7	11
97	Insulin gene VNTR, CTLA-4 +49A/G and HLA-DQB1 alleles distinguish latent autoimmune diabetes in adults from type 1 diabetes and from type 2 diabetes group. Tissue Antigens, 2007, 69, 121-127.	1.0	46
98	Type 1 diabetes risk analysis on dried blood spot samples from population-based newborns: design and feasibility of an unselected caseâ€“control study. Paediatric and Perinatal Epidemiology, 2007, 21, 507-517.	1.7	34

#	ARTICLE	IF	CITATIONS
99	Sex-specific association of the human PTPN22 1858T allele with type 1 diabetes. <i>International Journal of Immunogenetics</i> , 2007, 34, 469-473.	1.8	29
100	PD-1 gene haplotype is associated with the development of type 1 diabetes mellitus in Japanese children. <i>Human Genetics</i> , 2007, 121, 223-232.	3.8	63
101	IL4 in the 5q31 context: association studies of type 1 diabetes and rheumatoid arthritis in the Spanish population. <i>Immunogenetics</i> , 2008, 60, 19-23.	2.4	16
102	Study of the association between the CAPSL-IL7R locus and type 1 diabetes. <i>Diabetologia</i> , 2008, 51, 1653-1658.	6.3	39
103	Genetics of autoimmune diabetes mellitus. <i>Wiener Medizinische Wochenschrift</i> , 2008, 158, 2-12.	1.1	19
104	In vivo imaging of a diabetogenic CD8+ T cell response during type 1 diabetes progression. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 712-720.	3.0	31
105	Variation within the <i>PPARG</i> gene is associated with residual beta-cell function and glycemic control in children and adolescents during the first year of clinical type 1 diabetes. <i>Pediatric Diabetes</i> , 2008, 9, 297-302.	2.9	8
106	Toward a cure for type 1 diabetes mellitus: diabetes-suppressive dendritic cells and beyond. <i>Pediatric Diabetes</i> , 2008, 9, 4-13.	2.9	38
107	Identification of novel IGRP epitopes targeted in type 1 diabetes patients. <i>Clinical Immunology</i> , 2008, 127, 359-365.	3.2	69
108	Intron 4 a/b polymorphism of the endothelial nitric oxide synthase gene is associated with both type 1 and type 2 diabetes in a genetically homogeneous population. <i>Human Immunology</i> , 2008, 69, 279-283.	2.4	25
109	Reduced CD4+T cell activation in children with type 1 diabetes carrying the PTPN22/Lyp 620Trp variant. <i>Journal of Autoimmunity</i> , 2008, 31, 13-21.	6.5	65
110	A non-synonymous variant in SLC30A8 is not associated with type 1 diabetes in the Danish population. <i>Molecular Genetics and Metabolism</i> , 2008, 94, 386-388.	1.1	18
111	The 3' UTR of the human CTLA4 mRNA can regulate mRNA stability and translational efficiency. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008, 1779, 60-65.	1.9	23
112	Joint Genetic Susceptibility to Type 1 Diabetes and Autoimmune Thyroiditis: from Epidemiology to Mechanisms. <i>Endocrine Reviews</i> , 2008, 29, 697-725.	20.1	193
113	Molecular diagnosis of celiac disease: are we there yet?. <i>Expert Opinion on Medical Diagnostics</i> , 2008, 2, 399-416.	1.6	4
114	Trends in High-Risk HLA Susceptibility Genes Among Colorado Youth With Type 1 Diabetes. <i>Diabetes Care</i> , 2008, 31, 1392-1396.	8.6	70
115	Identification of New Susceptibility Genes for Type 1 Diabetes: An Update. <i>Current Immunology Reviews</i> , 2008, 4, 116-133.	1.2	1
116	A new automated human leukocyte antigen genotyping strategy to identify DR-DQ risk alleles for celiac disease and type 1 diabetes mellitus. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 1489-95.	2.3	17

#	ARTICLE	IF	CITATIONS
117	The Protein Tyrosine Phosphatase Non-Receptor Type 22 C1858T Polymorphism Is a Joint Susceptibility Locus for Immunthyroiditis and Autoimmune Diabetes. <i>Thyroid</i> , 2009, 19, 143-148.	4.5	86
118	Overview of the Type I Diabetes Genetics Consortium. <i>Genes and Immunity</i> , 2009, 10, S1-S4.	4.1	57
119	Evaluation of IL12B as a candidate type I diabetes susceptibility gene using data from the Type I Diabetes Genetics Consortium. <i>Genes and Immunity</i> , 2009, 10, S64-S68.	4.1	23
120	Association of the PTPN22 polymorphism C1858T with type 1 diabetes mellitus. <i>Molecular Biology</i> , 2009, 43, 968-971.	1.3	9
121	Identification of T1D susceptibility genes within the MHC region by combining protein interaction networks and SNP genotyping data. <i>Diabetes, Obesity and Metabolism</i> , 2009, 11, 60-66.	4.4	17
122	Effect of linkage status of affected sib-pairs on the search for novel type 1 diabetes susceptibility genes in the HLA complex. <i>Diabetes, Obesity and Metabolism</i> , 2009, 11, 67-73.	4.4	1
123	Sporadic inclusion body myositis: HLA-DRB1 allele interactions influence disease risk and clinical phenotype. <i>Neuromuscular Disorders</i> , 2009, 19, 763-765.	0.6	48
124	Immunological Aspects of Endocrine Disease. , 0, , 277-292.		0
125	Customized Cell-Based Treatment Options to Combat Autoimmunity and Restore Î²-Cell Function in Type 1 Diabetes Mellitus: Current Protocols and Future Perspectives. <i>Advances in Experimental Medicine and Biology</i> , 2010, 654, 641-665.	1.6	14
126	The immunotherapeutic potential of dendritic cells in type 1 diabetes. <i>Clinical and Experimental Immunology</i> , 2010, 161, 197-207.	2.6	28
127	Association of the polymorphisms of the ERBB3 and SH2B3 genes with type 1 diabetes. <i>Molecular Biology</i> , 2010, 44, 228-232.	1.3	8
128	HLA class II alleles and haplotypes in Lithuanian children with type 1 diabetes and healthy children (HLA and type 1 diabetes). <i>Medicina (Lithuania)</i> , 2010, 46, 505.	2.0	12
129	The Type 1 Diabetes - HLA Susceptibility Interactome - Identification of HLA Genotype-Specific Disease Genes for Type 1 Diabetes. <i>PLoS ONE</i> , 2010, 5, e9576.	2.5	21
130	<i>Ins2</i> Deficiency Augments Spontaneous HLA-A*0201-Restricted T Cell Responses to Insulin. <i>Journal of Immunology</i> , 2010, 184, 658-665.	0.8	21
131	Association of SUMO4 M55V Polymorphism with Type 1 Diabetes in Chinese Children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2010, 23, 1083-6.	0.9	4
132	Detecting two-locus associations allowing for interactions in genome-wide association studies. <i>Bioinformatics</i> , 2010, 26, 2517-2525.	4.1	23
133	Collection and processing of whole blood for transformation of peripheral blood mononuclear cells and extraction of DNA: the Type 1 Diabetes Genetics Consortium. <i>Clinical Trials</i> , 2010, 7, S65-S74.	1.6	17
134	Genetics of Type 1 Diabetes: What's Next?. <i>Diabetes</i> , 2010, 59, 1561-1571.	0.6	256

#	ARTICLE	IF	CITATIONS
136	HLA-DQ2 and -DQ8 genotypes in celiac and healthy Libyan children. Digestive and Liver Disease, 2010, 42, 425-427.	0.9	28
137	Overview of the immune response. Journal of Allergy and Clinical Immunology, 2010, 125, S3-S23.	2.9	1,318
138	Vitamin D and Diabetes. Endocrinology and Metabolism Clinics of North America, 2010, 39, 419-446.	3.2	228
139	Genetic evaluation of the TNF- α -238G>A and -308G>A promoter polymorphisms in Croatian patients with type I diabetes. Human Immunology, 2010, 71, 1228-1232.	2.4	7
140	Genetic Determinants of Type 1 Diabetes. , 0, , .		0
141	Innate Immunity in the Recognition of β -Cell Antigens in Type 1 Diabetes. , 0, , .		1
142	The changing epidemiology of type 1 diabetes: why is it going through the roof?. Diabetes/Metabolism Research and Reviews, 2011, 27, 3-13.	4.0	141
143	An Insertion Mutant in DQA1*0501 Restores Susceptibility to HLA-DM: Implications for Disease Associations. Journal of Immunology, 2011, 187, 2442-2452.	0.8	45
144	Degenerate T-cell Recognition of Peptides on MHC Molecules Creates Large Holes in the T-cell Repertoire. PLoS Computational Biology, 2012, 8, e1002412.	3.2	73
145	Type 1 Diabetes-associated HLA-DQ8 Transdimer Accommodates a Unique Peptide Repertoire. Journal of Biological Chemistry, 2012, 287, 9514-9524.	3.4	64
146	IgG4-related disease of the thyroid glands [Review]. Endocrine Journal, 2012, 59, 273-281.	1.6	81
147	Vitamin D and Diabetes. Rheumatic Disease Clinics of North America, 2012, 38, 179-206.	1.9	51
148	Disease gene identification by random walk on multigraphs merging heterogeneous genomic and phenotype data. BMC Genomics, 2012, 13, S27.	2.8	83
149	Interaction between Treg Apoptosis Pathways, Treg Function and HLA Risk Evolves during Type 1 Diabetes Pathogenesis. PLoS ONE, 2012, 7, e36040.	2.5	13
150	High prevalence of vitamin D deficiency among newly diagnosed youth-onset diabetes mellitus in north India. Arquivos Brasileiros De Endocrinologia E Metabologia, 2012, 56, 423-428.	1.3	48
151	Immunologic and Genetic Factors in Type 1 Diabetes Mellitus. , 2012, , .		0
152	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. American Journal of Human Genetics, 2012, 90, 410-425.	6.2	239
153	Understanding Type 1 Diabetes: Etiology and Models. Canadian Journal of Diabetes, 2013, 37, 269-276.	0.8	71

#	ARTICLE	IF	CITATIONS
154	Diabetes Mellitus: Etiology and Epidemiology. , 2013, , 40-46.		2
155	Anti-PLA2R antibodies measured by ELISA predict long-term outcome in a prevalent population of patients with idiopathic membranous nephropathy. Kidney International, 2013, 83, 940-948.	5.2	287
156	Triple specificity of ZnT8 autoantibodies in relation to HLA and other islet autoantibodies in childhood and adolescent type 1 diabetes. Pediatric Diabetes, 2013, 14, 97-105.	2.9	59
157	L-Carnitine in Patients with Diabetes. , 2013, , 395-411.		0
158	<i>PTPN22</i> Gene Polymorphism (C1858T) Is Associated with Susceptibility to Type 1 Diabetes: A Meta-Analysis of 19,495 Cases and 25,341 Controls. Annals of Human Genetics, 2013, 77, 191-203.	0.8	29
159	Vitamin D in health and disease: a literature review. British Journal of Biomedical Science, 2013, 70, 161-172.	1.3	111
160	Targeting the Immunogenetic Diseases with the Appropriate HLA Molecular Typing: Critical Appraisal on 2666 Patients Typed in One Single Centre. BioMed Research International, 2013, 2013, 1-7.	1.9	1
161	Risk Factors and Primary Prevention Trials for Type 1 Diabetes. International Journal of Biological Sciences, 2013, 9, 666-679.	6.4	31
162	Common Mechanisms of Pathogenesis of Tissue-Specific Autoimmune Diseases: The Edited Model to Illustrate Those for IDDM and Multiple Sclerosis. , 2013, , .		0
163	Functional Implications of MHC Associations in Autoimmune Diseases with Special Reference to Type1 Diabetes, Vitiligo and Hypoparathyroidism. , 0, , .		0
164	Opposing Effects of CTLA4 Insufficiency on Regulatory versus Conventional T Cells in Autoimmunity Converge on Effector Memory in Target Tissue. Journal of Immunology, 2014, 193, 4368-4380.	0.8	12
165	Genome-Wide Associations between Genetic and Epigenetic Variation Influence mRNA Expression and Insulin Secretion in Human Pancreatic Islets. PLoS Genetics, 2014, 10, e1004735.	3.5	151
166	Association of Protein Tyrosine Phosphatase Non-receptor, Type 22 (PTPN22) C1858T Polymorphism with Type 1 Diabetes in North India: A Replication Study. Journal of Diabetes & Metabolism, 2014, 05, .	0.2	1
167	Contribution of VDR polymorphisms to type 1 diabetes susceptibility: Systematic review of caseâ€control studies and meta-analysis. Journal of Steroid Biochemistry and Molecular Biology, 2014, 143, 240-249.	2.5	49
168	Genetic Predisposition, Humans. , 2014, , 341-364.		3
169	Multiple HLA Epitopes Contribute to Type 1 Diabetes Susceptibility. Diabetes, 2014, 63, 323-331.	0.6	26
170	Autoreactive T cells specific for insulin B:11-23 recognize a low-affinity peptide register in human subjects with autoimmune diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14840-14845.	7.1	112
171	Role of immune system in type 1 diabetes mellitus pathogenesis. International Immunopharmacology, 2014, 22, 182-191.	3.8	59

#	ARTICLE	IF	CITATIONS
172	The association of polymorphic sites in some genes with type 1 diabetes mellitus in a sample of Egyptian children. Egyptian Journal of Medical Human Genetics, 2014, 15, 265-272.	1.0	7
173	Proinsulin multi-peptide immunotherapy induces antigen-specific regulatory T cells and limits autoimmunity in a humanized model. Clinical and Experimental Immunology, 2015, 182, 251-260.	2.6	52
174	Î² cell ER stress and the implications for immunogenicity in type 1 diabetes. Frontiers in Cell and Developmental Biology, 2015, 3, 67.	3.7	85
175	The gut microbiota and Type 1 Diabetes. Clinical Immunology, 2015, 159, 143-153.	3.2	142
176	Genetic Determinants of Enterovirus Infections: Polymorphisms in Type 1 Diabetes and Innate Immune Genes in the MIDIA Study. Viral Immunology, 2015, 28, 556-563.	1.3	15
177	Family-based association study of HLA class II with type 1 diabetes in Moroccans. Pathologie Et Biologie, 2015, 63, 80-84.	2.2	7
178	Identification of the novel <i><sc>HLAâ€œDQB1</sc>*03:03:02:04</i> allele in a Spanish individual. Tissue Antigens, 2015, 85, 215-216.	1.0	3
179	Celiac Disease and Endocrine Autoimmunity. Digestive Diseases, 2015, 33, 155-161.	1.9	25
180	Genetic determinants of antithyroid drug-induced agranulocytosis by human leukocyte antigen genotyping and genome-wide association study. Nature Communications, 2015, 6, 7633.	12.8	93
181	Staging Presymptomatic Type 1 Diabetes: A Scientific Statement of JDRF, the Endocrine Society, and the American Diabetes Association. Diabetes Care, 2015, 38, 1964-1974.	8.6	690
182	Effect of Associated Autoimmune Diseases on Type 1 Diabetes Mellitus Incidence and Metabolic Control in Children and Adolescents. BioMed Research International, 2016, 2016, 1-12.	1.9	70
183	Description of the novel <i><sc>HLAâ€œDQB1</sc>*02:02:01:02</i> allele in a Spanish individual. Hla, 2016, 87, 113-114.	0.6	4
184	Type 1 diabetes associated HLAâ€œDQ2 and DQ8 molecules are relatively resistant to HLAâ€œDM mediated release of invariant chainâ€œderived CLIP peptides. European Journal of Immunology, 2016, 46, 834-845.	2.9	21
185	Ubiquitin D Regulates IRE1Î±/c-Jun N-terminal Kinase (JNK) Protein-dependent Apoptosis in Pancreatic Beta Cells. Journal of Biological Chemistry, 2016, 291, 12040-12056.	3.4	44
186	Supporting patients with type 1 diabetes. British Journal of Nursing, 2016, 25, 330-334.	0.7	4
187	Type 1 diabetes associated autoimmunity. Autoimmunity Reviews, 2016, 15, 644-648.	5.8	157
188	Longitudinal plasma metabolic profiles, infant feeding, and islet autoimmunity in the MIDIA study. Pediatric Diabetes, 2017, 18, 111-119.	2.9	12
189	Vitamin D and diabetes mellitus: Causal or casual association?. Reviews in Endocrine and Metabolic Disorders, 2017, 18, 227-241.	5.7	74

#	ARTICLE	IF	CITATIONS
190	Co-occurrence of Type 1 Diabetes and Celiac Disease Autoimmunity. <i>Pediatrics</i> , 2017, 140, .	2.1	70
191	Supporting patients with type 1 diabetes. <i>Practice Nursing</i> , 2017, 28, 28-35.	0.1	0
192	New insights into non-conventional epitopes as T cell targets: The missing link for breaking immune tolerance in autoimmune disease?. <i>Journal of Autoimmunity</i> , 2017, 84, 12-20.	6.5	23
193	Transcriptional profiles of type 2 diabetes in human skeletal muscle reveal insulin resistance, metabolic defects, apoptosis, and molecular signatures of immune activation in response to infections. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 282-288.	2.1	35
194	Peptidomic analysis of type 1 diabetes associated HLAâ€œDQ molecules and the impact of HLAâ€œDM on peptide repertoire editing. <i>European Journal of Immunology</i> , 2017, 47, 314-326.	2.9	22
195	Type 1 Diabetes: A Chronic Anti-Self-Inflammatory Response. <i>Frontiers in Immunology</i> , 2017, 8, 1898.	4.8	101
196	Vitamin D Receptor Gene Polymorphisms Influence T1D Susceptibility among Pakistanis. <i>International Journal of Genomics</i> , 2017, 2017, 1-6.	1.6	21
197	Dipeptidyl peptidase-4 inhibitors (DPP-4i) combined with vitamin D3: An exploration to treat new-onset type 1 diabetes mellitus and latent autoimmune diabetes in adults in the future. <i>International Immunopharmacology</i> , 2018, 57, 11-17.	3.8	17
198	Early Infant Diet and Islet Autoimmunity in the TEDDY Study. <i>Diabetes Care</i> , 2018, 41, 522-530.	8.6	48
199	Harnessing the power of regulatory Tâ€œcells to control autoimmune diabetes: overview and perspective. <i>Immunology</i> , 2018, 153, 161-170.	4.4	51
200	Exposure to Polyphenolic Compounds Modulates Type 1 Diabetes: The Case of Genistein. , 2018, , 193-203.		1
201	Lifestyle Factors Affecting the Gut Microbiotaâ€™s Relationship with Type 1 Diabetes. <i>Current Diabetes Reports</i> , 2018, 18, 111.	4.2	19
202	Baseline characteristics of infected foot ulcers in patients with diabetes at a tertiary care hospital in Pakistan. <i>Journal of Wound Care</i> , 2018, 27, S26-S32.	1.2	6
203	Distribution of Cytotoxic T Lymphocyte-Associated Antigen-4 Promoter Polymorphisms in Taiwanese Patients with Type 2 Diabetes Mellitus. <i>International Journal of Medical Sciences</i> , 2018, 15, 395-402.	2.5	4
204	Gut microbiome in type 1 diabetes: A comprehensive review. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e3043.	4.0	147
205	Synergistic interactions of Angiotensin Converting Enzyme (ACE) gene and Apolipoprotein E (APOE) gene polymorphisms with T1DM susceptibility in south India. <i>Meta Gene</i> , 2018, 18, 39-45.	0.6	1
206	Celiac disease in type 1 diabetes mellitus in the Kingdom of Saudi Arabia. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2019, 40, 647-656.	1.1	2
207	The Role of Vitamin D in the Prevention and Treatment of Diabetes Mellitus. , 2019, , 157-174.		1

#	ARTICLE	IF	CITATIONS
208	Vitamin D3 in the Type 1 Diabetes and Latent Autoimmune Diabetes in Adults, Its Use for Prevention and Treatment. , 2019, , 175-184.		0
209	Genetic Predisposition, Humans. , 2020, , 383-418.		2
210	Neuromodulatory effects of anti-diabetes medications: A mechanistic review. Pharmacological Research, 2020, 152, 104611.	7.1	39
211	Gut Microbiota Profile in Patients with Type 1 Diabetes Based on 16S rRNA Gene Sequencing: A Systematic Review. Disease Markers, 2020, 2020, 1-11.	1.3	26
212	Association of HLAâ€”DQ alleles, haplotypes, and diplotypes with type 1 diabetes in Saudis. Diabetes/Metabolism Research and Reviews, 2020, 36, e3345.	4.0	4
213	Vitamin D in human health. , 2020, , 263-281.		0
214	CTLA-4: From mechanism to autoimmune therapy. International Immunopharmacology, 2020, 80, 106221.	3.8	132
215	Evaluating the Causal Role of Gut Microbiota in Type 1 Diabetes and Its Possible Pathogenic Mechanisms. Frontiers in Endocrinology, 2020, 11, 125.	3.5	70
216	The Role of T Cell Receptor Signaling in the Development of Type 1 Diabetes. Frontiers in Immunology, 2020, 11, 615371.	4.8	12
217	Screening of Diabetic Retinopathy in Patients with Type 2 Diabetes in a Community of the Paraíba Semi-Arid Using Original Score. Open Journal of Ophthalmology, 2021, 11, 1-17.	0.3	0
218	Etiology of Obesity, Cancer, and Diabetes. , 2021, , 1-27.		8
219	Polymorphisms in canine immunoglobulin heavy chain gene cluster: a doubleâ€”edged sword for diabetes mellitus in the dog. Animal Genetics, 2021, 52, 333-341.	1.7	2
220	Evolving Antibody Therapies for the Treatment of Type 1 Diabetes. Frontiers in Immunology, 2020, 11, 624568.	4.8	11
221	Non-Musculoskeletal Benefits of Vitamin D beyond the Musculoskeletal System. International Journal of Molecular Sciences, 2021, 22, 2128.	4.1	21
222	Characterization of Human CD4 T Cells Specific for a C-Peptide/C-Peptide Hybrid Insulin Peptide. Frontiers in Immunology, 2021, 12, 668680.	4.8	16
223	Segregation Analysis of Genotyped and Family-Phased, Long Range MHC Classical Class I and Class II Haplotypes in 5 Families With Type 1 Diabetes Proband in the United Arab Emirates. Frontiers in Genetics, 2021, 12, 670844.	2.3	4
226	Diabetes in Youth. Endocrinology and Metabolism Clinics of North America, 2021, 50, 491-512.	3.2	5
227	Diabetes mellitus: etiology and epidemiology. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
228	Genetics and Autoimmunity: Non-MHC Genes. , 2006, , 273-287.		1
229	Type 1 Diabetes. , 2006, , 483-500.		3
230	Genes predisposing to type 1 diabetes mellitus and pathophysiology: a narrative review. Medical Journal of Indonesia, 2020, 29, 100-9.	0.5	5
231	Diabetes: Symptoms, Cause and Potential Natural Therapeutic Methods. Advances in Diabetes and Metabolism, 2016, 4, 10-23.	0.1	8
232	Multiple SNPs in Intron 41 of Thyroglobulin Gene Are Associated with Autoimmune Thyroid Disease in the Japanese Population. PLoS ONE, 2012, 7, e37501.	2.5	22
233	Effect of Dietary Gluten on Dendritic Cells and Innate Immune Subsets in BALB/c and NOD Mice. PLoS ONE, 2015, 10, e0118618.	2.5	27
234	Gene Co-Expression Network Analysis for Identifying Modules and Functionally Enriched Pathways in Type 1 Diabetes. PLoS ONE, 2016, 11, e0156006.	2.5	79
235	A Genome-Wide mQTL Analysis in Human Adipose Tissue Identifies Genetic Variants Associated with DNA Methylation, Gene Expression and Metabolic Traits. PLoS ONE, 2016, 11, e0157776.	2.5	88
237	Differential Roles of Costimulatory Signaling Pathways in Type 1 Diabetes Mellitus. Review of Diabetic Studies, 2004, 1, 156-156.	1.3	7
238	Posttranslational Protein Modifications in Type 1 Diabetes - Genetic Studies with PCMT1, the Repair Enzyme Protein Isoaspartate Methyltransferase (PIMT) Encoding Gene. Review of Diabetic Studies, 2008, 5, 225-231.	1.3	11
239	From Markers to Molecular Mechanisms: Type 1 Diabetes in the Post-GWAS Era. Review of Diabetic Studies, 2012, 9, 201-223.	1.3	13
240	The Predominant microRNAs in β -cell Clusters for Insulin Regulation and Diabetic Control. Current Drug Targets, 2020, 21, 722-734.	2.1	4
241	The CTLA4 -819 C/T and +49 A/G dimorphisms are associated with Type 1 diabetes in Egyptian children. Indian Journal of Human Genetics, 2008, 14, 92.	0.7	21
242	Association of CTLA-4 Polymorphisms with Type 1 Diabetes in the Egyptian Population. Journal of Diabetes & Metabolism, 2013, 04, .	0.2	4
243	Predicting Type 1 Diabetes Candidate Genes using Human Protein-Protein Interaction Networks. Journal of Computer Science and Systems Biology, 2009, 02, 133.	0.0	21
244	Type 1 diabetes and polyglandular autoimmune syndrome: A review. World Journal of Diabetes, 2015, 6, 67.	3.5	62
245	Seroprevalence of autoimmune thyroiditis and celiac disease in children with insulin-dependent diabetes mellitus in the Thrace region of Turkey. Turkish Journal of Gastroenterology, 2010, 21, 231-235.	1.1	5
246	Childhood and Adolescent Onset Type 1 Diabetes in India. MCM Journal of Medical Sciences, 2014, 1, 76-83.	0.1	8

#	ARTICLE	IF	CITATIONS
247	Tackling the silent epidemic of Type-I Diabetes Mellitus (Type-1 DM) through National Health Programmes- A narrative review of available evidence. Indian Journal of Community Health, 2021, 33, 245-249.	0.2	0
249	Prenatal and Infant Nutrition in the Pathogenesis of Type 1 Diabetes. Nutrition and Disease Prevention, 2004, , 307-329.	0.1	0
250	DIABETES MELLITUS Etiology and Epidemiology. , 2005, , 535-542.		0
252	Molecular Basis for Induction of Tolerance in Type I Diabetes. , 2007, , 87-120.		0
253	Genetic susceptibility to type 1 diabetes mellitus in humans. Physiological Research, 2007, 56, 255-266.	0.9	36
254	Chapter 15. Functional Characterization of Major Histocompatibility Complex Class III Region Genes. , 2008, , 238-265.		0
255	Occurrence of Thyroid Autoimmunity in Children with Type 1 Diabetes Mellitus. Hungarian Medical Journal, 2008, 2, 233-240.	0.0	0
256	SUMO4-Encoded Genetic Susceptibility to Type 1 Diabetes. , 2009, , 273-299.		0
257	Immunogenetics of Type 1 Diabetes. , 0, , .		0
258	Type 1 diabetes mellitus: An update. International Journal of Diabetes and Metabolism, 2012, 20, 37-42.	0.7	1
259	Association of the polymorphous marker G6230A of the CTLA4 gene with type 1 diabetes mellitus in the patients of Russian descent. Problemy Endokrinologii, 2012, 58, 14-17.	0.8	0
260	IL-4R α , TNF- α , TNF- β Receptor, and CD4 Enhancer Genes Polymorphisms in Rheumatoid Arthritis Saudi Female Patients. IOSR Journal of Dental and Medical Sciences, 2014, 13, 71-82.	0.0	0
261	Genetic counseling in post-genomic era: Don't pretend to know the meaning of a gene mutation if you don't know. World Journal of Medical Genetics, 2014, 4, 1.	1.0	0
262	Molecular Heterogeneity of Type 2 Diabetes Mellitus in Mexican Population and its Impact of the Public Health on Policies in Primary Care. , 0, , .		0
263	Triggers Causing Type 1 Diabetes. SpringerBriefs in Applied Sciences and Technology, 2016, , 7-20.	0.4	0
264	Association of rs2476601 and rs1544410 with Onset of T1D in Youngsters of Lahore, Pakistan. Journal of Bioresource Management, 2016, 3, .	0.4	0
265	Immunopathology of the Endocrine System. Molecular and Integrative Toxicology, 2017, , 649-694.	0.5	0
266	Type 1 diabetes in a Nigerian family - occurrence in three out of four siblings: A case report. World Journal of Diabetes, 2019, 10, 511-516.	3.5	0

#	ARTICLE	IF	CITATIONS
267	Endocrine Diseases. , 2006, , 28-40.		0
268	Basic Mechanisms in Autoimmunity. , 2007, , 3-16.		0
269	Activation of T cell checkpoint pathways during α cell antigen presentation by engineered dendritic cells promotes protection from type 1 diabetes. Immunology, 2022, 166, 341-356.	4.4	2
270	Preclinical Models to Evaluate the Human Response to Autoantigen and Antigen-Specific Immunotherapy in Human Type 1 Diabetes. Frontiers in Endocrinology, 2022, 13, 883000.	3.5	1
272	Mitigating Diabetic Foot Ulcers: The Effect of Diet and Microbiome. , 0, , .		0
274	The role of cytokines and T-bet, GATA3, ROR- γ t, and FOXP3 transcription factors of T cell subsets in the natural clinical progression of Type 1 Diabetes. Immunologic Research, 0, , .	2.9	3
275	Deep integrative models for large-scale human genomics. Nucleic Acids Research, 2023, 51, e67-e67.	14.5	1
276	VDR Gene Single Nucleotide Polymorphisms and Autoimmunity: A Narrative Review. Biology, 2023, 12, 916.	2.8	3
278	The association between enterovirus (EV) infection and the risk of type 1 diabetes: a meta-analysis. International Journal of Diabetes in Developing Countries, 0, , .	0.8	0
279	Partners in diabetes epidemic: A global perspective. World Journal of Diabetes, 0, 14, 1463-1477.	3.5	0