Ingrid Kockum

List of Publications by Citations

271 papers	11,698 citations	49 h-index	99 g-index
286 ext. papers	13,996 ext. citations	7.3 avg, IF	5.65 L-index

#	Paper	IF	Citations
271	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. *Nature*, **2011**, 476, 214-9	50.4	1948
270	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. *Nature Genetics*, **2013**, 45, 1353-60	36.3	934
269	Variation in interleukin 7 receptor alpha chain (IL7R) influences risk of multiple sclerosis. *Nature Genetics*, **2007**, 39, 1108-13	36.3	388
268	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. *Science*, **2019**, 365,	33.3	309
267	Class II HLA interactions modulate genetic risk for multiple sclerosis. *Nature Genetics*, **2015**, 47, 1107-1113	36.3	215
266	Overexpression of the Cytokine BAFF and Autoimmunity Risk. *New England Journal of Medicine*, **2017**, 376, 1615-1626	59.2	198
265	Smoking and two human leukocyte antigen genes interact to increase the risk for multiple sclerosis. *Brain*, **2011**, 134, 653-64	11.2	179
264	Genetic effects on age-dependent onset and islet cell autoantibody markers in type 1 diabetes. *Diabetes*, **2002**, 51, 1346-55	0.9	176
263	Glutamate decarboxylase-, insulin-, and islet cell-antibodies and HLA typing to detect diabetes in a general population-based study of Swedish children. *Journal of Clinical Investigation*, **1995**, 95, 1505-11	15.9	161
262	Cerebrospinal fluid CXCL13 in multiple sclerosis: a suggestive prognostic marker for the disease course. *Multiple Sclerosis Journal*, **2011**, 17, 335-43	5	159
261	Interaction between adolescent obesity and HLA risk genes in the etiology of multiple sclerosis. *Neurology*, **2014**, 82, 865-72	6.5	133
260	Relative predispositional effects of HLA class II DRB1-DQB1 haplotypes and genotypes on type 1 diabetes: a meta-analysis. *Tissue Antigens*, **2007**, 70, 110-27		133
259	Network-based multiple sclerosis pathway analysis with GWAS data from 15,000 cases and 30,000 controls. *American Journal of Human Genetics*, **2013**, 92, 854-65	11	132
258	The expanding genetic overlap between multiple sclerosis and type I diabetes. *Genes and Immunity*, **2009**, 10, 11-4	4.4	128
257	Epstein-Barr virus and multiple sclerosis: interaction with HLA. *Genes and Immunity*, **2012**, 13, 14-20	4.4	123
256	Hydrogeochemical changes before and after a major earthquake. *Geology*, **2004**, 32, 641	5	120
255	Mendelian randomization shows a causal effect of low vitamin D on multiple sclerosis risk. *Neurology: Genetics*, **2016**, 2, e97	3.8	117

254	Multiple sclerosis-associated IL2RA polymorphism controls GM-CSF production in human TH cells. *Nature Communications*, **2014**, 5, 5056	17.4	116
253	Plasma neurofilament light chain levels in patients with MS switching from injectable therapies to fingolimod. *Multiple Sclerosis Journal*, **2018**, 24, 1046-1054	5	113
252	Changes in groundwater chemistry before two consecutive earthquakes in Iceland. *Nature Geoscience*, **2014**, 7, 752-756	18.3	111
251	HEREDITY OF HYPOSPADIAS AND THE SIGNIFICANCE OF LOW BIRTH WEIGHT. *Journal of Urology*, **2002**, 167, 1423-1427	2.5	108
250	Soluble IL7R potentiates IL-7 bioactivity and promotes autoimmunity. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E1761-70	11.5	105
249	Evidence for a causal relationship between low vitamin D, high BMI, and pediatric-onset MS. *Neurology*, **2017**, 88, 1623-1629	6.5	97
248	Sunlight is associated with decreased multiple sclerosis risk: no interaction with human leukocyte antigen-DRB1*15. *European Journal of Neurology*, **2012**, 19, 955-62	6	92
247	Confirmation of association between multiple sclerosis and CYP27B1. *European Journal of Human Genetics*, **2010**, 18, 1349-52	5.3	87
246	DNA methylation as a mediator of HLA-DRB1*15:01 and a protective variant in multiple sclerosis. *Nature Communications*, **2018**, 9, 2397	17.4	81
245	Recombinant Fabs of human monoclonal antibodies specific to the middle epitope of GAD65 inhibit type 1 diabetes-specific GAD65Abs. *Diabetes*, **2003**, 52, 2689-95	0.9	73
244	Susceptibility loci for atopic dermatitis on chromosomes 3, 13, 15, 17 and 18 in a Swedish population. *Human Molecular Genetics*, **2002**, 11, 1539-48	5.6	73
243	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. *Cell*, **2018**, 175, 1679-1687.e7	38.2	72
242	Cytomegalovirus seropositivity is negatively associated with multiple sclerosis. *Multiple Sclerosis Journal*, **2014**, 20, 165-73	5	71
241	Polymorphic amino acid variations in HLA-DQ are associated with systematic physical property changes and occurrence of IDDM. Members of the Swedish Childhood Diabetes Study. *Diabetes*, **1995**, 44, 125-31	0.9	71
240	Obesity during childhood and adolescence increases susceptibility to multiple sclerosis after accounting for established genetic and environmental risk factors. *Obesity Research and Clinical Practice*, **2014**, 8, e435-47	5.4	68
239	The lack of anti-idiotypic antibodies, not the presence of the corresponding autoantibodies to glutamate decarboxylase, defines type 1 diabetes. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 5471-6	11.5	64
238	HLA-DQ primarily confers protection and HLA-DR susceptibility in type I (insulin-dependent) diabetes studied in population-based affected families and controls. *American Journal of Human Genetics*, **1993**, 53, 150-67	11	64
237	Therapeutic efficacy of dimethyl fumarate in relapsing-remitting multiple sclerosis associates with ROS pathway in monocytes. *Nature Communications*, **2019**, 10, 3081	17.4	63

236	Zinc transporter 8 autoantibodies and their association with SLC30A8 and HLA-DQ genes differ between immigrant and Swedish patients with newly diagnosed type 1 diabetes in the Better Diabetes Diagnosis study. *Diabetes*, **2012**, 61, 2556-64	0.9	63
235	Complex interaction between HLA DR and DQ in conferring risk for childhood type 1 diabetes. *International Journal of Immunogenetics*, **1999**, 26, 361-72		61
234	Activating transcription factor 3: a hormone responsive gene in the etiology of hypospadias. *European Journal of Endocrinology*, **2008**, 158, 729-39	6.5	60
233	Anoctamin 2 identified as an autoimmune target in multiple sclerosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 2188-93	11.5	59
232	Evidence of at least two type 1 diabetes susceptibility genes in the HLA complex distinct from HLA-DQB1, -DQA1 and -DRB1. *Genes and Immunity*, **2003**, 4, 46-53	4.4	58
231	The valine allele of the V89L polymorphism in the 5-alpha-reductase gene confers a reduced risk for hypospadias. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 6695-8	5.6	58
230	Recognition of glutamic acid decarboxylase (GAD) by autoantibodies from different GAD antibody-positive phenotypes. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 4671-9	5.6	57
229	Molecular mimicry between Anoctamin 2 and Epstein-Barr virus nuclear antigen 1 associates with multiple sclerosis risk. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 16955-16960	11.5	53
228	IL-22RA2 associates with multiple sclerosis and macrophage effector mechanisms in experimental neuroinflammation. *Journal of Immunology*, **2010**, 185, 6883-90	5.3	53
227	Multiple sclerosis risk loci and disease severity in 7,125 individuals from 10 studies. *Neurology: Genetics*, **2016**, 2, e87	3.8	52
226	A rare variant of the TYK2 gene is confirmed to be associated with multiple sclerosis. *European Journal of Human Genetics*, **2010**, 18, 502-4	5.3	52
225	RGMA and IL21R show association with experimental inflammation and multiple sclerosis. *Genes and Immunity*, **2010**, 11, 279-93	4.4	52
224	Recognition of Glutamic Acid Decarboxylase (GAD) by Autoantibodies from Different GAD Antibody-Positive Phenotypes. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 4671-4679	5.6	52
223	Decline of C-peptide during the first year after diagnosis of Type 1 diabetes in children and adolescents. *Diabetes Research and Clinical Practice*, **2013**, 100, 203-9	7.4	51
222	Development of heart block in children of SSA/SSB-autoantibody-positive women is associated with maternal age and displays a season-of-birth pattern. *Annals of the Rheumatic Diseases*, **2012**, 71, 334-40	2.4	49
221	Polymorphisms of estrogen receptor beta gene are associated with hypospadias. *Journal of Endocrinological Investigation*, **2006**, 29, 5-10	5.2	49
220	Confounding effect of blood volume and body mass index on blood neurofilament light chain levels. *Annals of Clinical and Translational Neurology*, **2020**, 7, 139-143	5.3	49
219	Next-Generation Sequencing Reveals That HLA-DRB3, -DRB4, and -DRB5 May Be Associated With Islet Autoantibodies and Risk for Childhood Type 1 Diabetes. *Diabetes*, **2016**, 65, 710-8	0.9	48

218	Interaction between passive smoking and two HLA genes with regard to multiple sclerosis risk. *International Journal of Epidemiology*, **2014**, 43, 1791-8	7.8	47
217	Effects of the second HLA-DQ haplotype on the association with childhood insulin-dependent diabetes mellitus. *Tissue Antigens*, **1995**, 45, 148-52		47
216	Blood neurofilament light levels segregate treatment effects in multiple sclerosis. *Neurology*, **2020**, 94, e1201-e1212	6.5	46
215	Negative association between type 1 diabetes and HLA DQB1*0602-DQA1*0102 is attenuated with age at onset. *International Journal of Immunogenetics*, **1999**, 26, 117-127		46
214	A validated gene regulatory network and GWAS identifies early regulators of T cell-associated diseases. *Science Translational Medicine*, **2015**, 7, 313ra178	17.5	45
213	Changes to anti-JCV antibody levels in a Swedish national MS cohort. *Journal of Neurology, Neurosurgery and Psychiatry*, **2013**, 84, 1199-205	5.5	45
212	HLA-DRB1 and month of birth in multiple sclerosis. *Neurology*, **2009**, 73, 2107-11	6.5	45
211	Loss-of-function variants of the filaggrin gene are associated with atopic eczema and associated phenotypes in Swedish families. *Acta Dermato-Venereologica*, **2008**, 88, 15-9	2.2	45
210	Genetic variants are major determinants of CSF antibody levels in multiple sclerosis. *Brain*, **2015**, 138, 632-43	11.2	42
209	Importance of human leukocyte antigen (HLA) class I and II alleles on the risk of multiple sclerosis. *PLoS ONE*, **2012**, 7, e36779	3.7	42
208	DR4 subtypes and their molecular properties in a population-based study of Swedish childhood diabetes. *Tissue Antigens*, **1996**, 47, 275-83		42
207	Smoking induces DNA methylation changes in Multiple Sclerosis patients with exposure-response relationship. *Scientific Reports*, **2017**, 7, 14589	4.9	41
206	The DQB1 *03:02 HLA haplotype is associated with increased risk of chronic pain after inguinal hernia surgery and lumbar disc herniation. *Pain*, **2013**, 154, 427-433	8	41
205	C-peptide in the classification of diabetes in children and adolescents. *Pediatric Diabetes*, **2012**, 13, 45-50	3.6	40
204	Genetic association with ERAP1 in psoriasis is confined to disease onset after puberty and not dependent on HLA-C*06. *Journal of Investigative Dermatology*, **2013**, 133, 411-7	4.3	40
203	A role for VAV1 in experimental autoimmune encephalomyelitis and multiple sclerosis. *Science Translational Medicine*, **2009**, 1, 10ra21	17.5	40
202	HLA-DRB1* alleles and symptoms associated with Heerfordt© syndrome in sarcoidosis. *European Respiratory Journal*, **2011**, 38, 1151-7	13.6	40
201	Elevated expression and genetic association links the SOCS3 gene to atopic dermatitis. *American Journal of Human Genetics*, **2006**, 78, 1060-5	11	40

200	Inflammation-related plasma and CSF biomarkers for multiple sclerosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 12952-12960	11.5	39
199	JC polyomavirus infection is strongly controlled by human leucocyte antigen class II variants. *PLoS Pathogens*, **2014**, 10, e1004084	7.6	39
198	Reproducible association with type 1 diabetes in the extended class I region of the major histocompatibility complex. *Genes and Immunity*, **2009**, 10, 323-33	4.4	39
197	Low risk HLA-DQ and increased body mass index in newly diagnosed type 1 diabetes children in the Better Diabetes Diagnosis study in Sweden. *International Journal of Obesity*, **2012**, 36, 718-24	5.5	38
196	Low serum levels of vitamin D in idiopathic inflammatory myopathies. *Annals of the Rheumatic Diseases*, **2013**, 72, 512-6	2.4	38
195	Risk factors for hypospadias in the estrogen receptor 2 gene. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 3712-8	5.6	37
194	Increased Serological Response Against Human Herpesvirus 6A Is Associated With Risk for Multiple Sclerosis. *Frontiers in Immunology*, **2019**, 10, 2715	8.4	37
193	Ancient genomes from Iceland reveal the making of a human population. *Science*, **2018**, 360, 1028-1032	33.3	37
192	DNA methylation mediates genotype and smoking interaction in the development of anti-citrullinated peptide antibody-positive rheumatoid arthritis. *Arthritis Research and Therapy*, **2017**, 19, 71	5.7	36
191	A systems biology approach uncovers cell-specific gene regulatory effects of genetic associations in multiple sclerosis. *Nature Communications*, **2019**, 10, 2236	17.4	36
190	Oligoclonal band status in Scandinavian multiple sclerosis patients is associated with specific genetic risk alleles. *PLoS ONE*, **2013**, 8, e58352	3.7	36
189	IA-2 autoantibodies in incident type I diabetes patients are associated with a polyadenylation signal polymorphism in GIMAP5. *Genes and Immunity*, **2007**, 8, 503-12	4.4	36
188	Causal Effect of Genetic Variants Associated With Body Mass Index on Multiple Sclerosis Susceptibility. *American Journal of Epidemiology*, **2017**, 185, 162-171	3.8	35
187	Linkage disequilibrium and haplotype blocks in the MHC vary in an HLA haplotype specific manner assessed mainly by DRB1*03 and DRB1*04 haplotypes. *Genes and Immunity*, **2006**, 7, 130-40	4.4	35
186	GAD65 antibody epitope patterns of type 1.5 diabetic patients are consistent with slow-onset autoimmune diabetes. *Diabetes Care*, **2002**, 25, 1481-2	14.6	35
185	The interaction between smoking and HLA genes in multiple sclerosis: replication and refinement. *European Journal of Epidemiology*, **2017**, 32, 909-919	12.1	33
184	Association between autoantibody markers and subtypes of DR4 and DR4-DQ in Swedish children with insulin-dependent diabetes reveals closer association of tyrosine pyrophosphatase autoimmunity with DR4 than DQ8. *Tissue Antigens*, **1998**, 51, 281-6		31
183	Immune-mediated beta-cell destruction in vitro and in vivo-A pivotal role for galectin-3. *Biochemical and Biophysical Research Communications*, **2006**, 344, 406-15	3.4	31

182	Linkage and association to candidate regions in Swedish atopic dermatitis families. *Human Genetics*, **2001**, 109, 129-35	6.3	31
181	The Multiple Sclerosis Genomic Map: Role of peripheral immune cells and resident microglia in susceptibility		31
180	Hydrochemical Changes Before and After Earthquakes Based on Long-Term Measurements of Multiple Parameters at Two Sites in Northern Iceland A Review. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 2702-2720	3.6	31
179	Genetic and functional evaluation of an interleukin-12 polymorphism (IDDM18) in families with type 1 diabetes. *Journal of Medical Genetics*, **2004**, 41, e39	5.8	30
178	Population analysis of protection by HLA-DR and DQ genes from insulin-dependent diabetes mellitus in Swedish children with insulin-dependent diabetes and controls. *International Journal of Immunogenetics*, **1995**, 22, 443-65		30
177	Heredity of hypospadias and the significance of low birth weight. *Journal of Urology*, **2002**, 167, 1423-7	2.5	30
176	Hereditary diffuse leukoencephalopathy with spheroids with phenotype of primary progressive multiple sclerosis. *European Journal of Neurology*, **2015**, 22, 328-333	6	29
175	Plasma neurofilament light levels are associated with risk of disability in multiple sclerosis. *Neurology*, **2020**, 94, e2457-e2467	6.5	29
174	Normal weight promotes remission and low number of islet antibodies prolong the duration of remission in Type 1 diabetes. *Diabetic Medicine*, **2004**, 21, 447-55	3.5	29
173	Association between the transmembrane region polymorphism of MHC class I chain related gene-A and type 1 diabetes mellitus in Sweden. *Human Immunology*, **2003**, 64, 553-61	2.3	29
172	Different HLA-DQ are positively and negatively associated in Swedish patients with myasthenia gravis. *Autoimmunity*, **1995**, 22, 59-65	3	29
171	Polymorphic amino acid domains of the HLA-DQ molecule are associated with disease heterogeneity in myasthenia gravis. *Journal of Neuroimmunology*, **1996**, 65, 125-31	3.5	29
170	Analysis of antibody markers, DRB1, DRB5, DQA1 and DQB1 genes and modeling of DR2 molecules in DR2-positive patients with insulin-dependent diabetes mellitus. *Tissue Antigens*, **1994**, 44, 110-9		29
169	Impact of genetic risk loci for multiple sclerosis on expression of proximal genes in patients. *Human Molecular Genetics*, **2018**, 27, 912-928	5.6	28
168	Dynamic Response Genes in CD4+ T Cells Reveal a Network of Interactive Proteins that Classifies Disease Activity in Multiple Sclerosis. *Cell Reports*, **2016**, 16, 2928-2939	10.6	28
167	Analysis of critical residues of HLA-DQ6 molecules in insulin-dependent diabetes mellitus. *Tissue Antigens*, **1997**, 50, 61-5		27
166	Human leukocyte antigen genes and interferon beta preparations influence risk of developing neutralizing anti-drug antibodies in multiple sclerosis. *PLoS ONE*, **2014**, 9, e90479	3.7	27
165	Negative association between type 1 diabetes and HLA DQB1*0602-DQA1*0102 is attenuated with age at onset. Swedish Childhood Diabetes Study Group. *International Journal of Immunogenetics*, **1999**, 26, 117-27		27

164	Residual beta cell function at diagnosis of type 1 diabetes in children and adolescents varies with gender and season. *Diabetes/Metabolism Research and Reviews*, **2013**, 29, 85-9	7.5	26
163	The expression of VEGF-A is down regulated in peripheral blood mononuclear cells of patients with secondary progressive multiple sclerosis. *PLoS ONE*, **2011**, 6, e19138	3.7	26
162	Lack of replication of interaction between EBNA1 IgG and smoking in risk for multiple sclerosis. *Neurology*, **2012**, 79, 1363-8	6.5	26
161	Two HLA class I genes independently associated with multiple sclerosis. *Journal of Neuroimmunology*, **2010**, 226, 172-6	3.5	26
160	Genetic risk factors for pediatric-onset multiple sclerosis. *Multiple Sclerosis Journal*, **2018**, 24, 1825-1834	5	25
159	Increased haemolytic group A streptococcal M6 serotype and streptodornase B-specific cellular immune responses in Swedish narcolepsy cases. *Journal of Internal Medicine*, **2015**, 278, 264-76	10.8	25
158	Association of autoimmune Addison's disease with alleles of STAT4 and GATA3 in European cohorts. *PLoS ONE*, **2014**, 9, e88991	3.7	25
157	HLA associations in type 1 diabetes among patients not carrying high-risk DR3-DQ2 or DR4-DQ8 haplotypes. *Tissue Antigens*, **1999**, 54, 543-51		25
156	Organic solvents and MS susceptibility: Interaction with MS risk HLA genes. *Neurology*, **2018**, 91, e455-e463	6.3	25
155	High Levels of Epstein-Barr Virus Nuclear Antigen-1-Specific Antibodies and Infectious Mononucleosis Act Both Independently and Synergistically to Increase Multiple Sclerosis Risk. *Frontiers in Neurology*, **2019**, 10, 1368	4.1	24
154	Genetic and immunological findings in patients with newly diagnosed insulin-dependent diabetes mellitus. The Swedish Childhood Diabetes Study Group and The Diabetes Incidence in Sweden Study (DISS) Group. *Hormone and Metabolic Research*, **1996**, 28, 344-7	3.1	24
153	A novel duplication in the HOXA13 gene in a family with atypical hand-foot-genital syndrome. *Journal of Medical Genetics*, **2003**, 40, e49	5.8	24
152	No mutations in the BACH1 gene in BRCA1 and BRCA2 negative breast-cancer families linked to 17q22. *International Journal of Cancer*, **2002**, 98, 638-9	7.5	24
151	Interaction and association analysis of a type 1 diabetes susceptibility locus on chromosome 5q11-q13 and the 7q32 chromosomal region in Scandinavian families. *Diabetes*, **2004**, 53, 1584-91	0.9	24
150	HLA and glutamic acid decarboxylase in human insulin-dependent diabetes mellitus. *Diabetic Medicine*, **1996**, 13, 209-17	3.5	24
149	FLT3 stop mutation increases FLT3 ligand level and risk of autoimmune thyroid disease. *Nature*, **2020**, 584, 619-623	50.4	23
148	A gene pathway analysis highlights the role of cellular adhesion molecules in multiple sclerosis susceptibility. *Genes and Immunity*, **2014**, 15, 126-32	4.4	23
147	Islet cell antibodies (ICA) identify autoimmunity in children with new onset diabetes mellitus negative for other islet cell antibodies. *Pediatric Diabetes*, **2014**, 15, 336-44	3.6	23

146	The association between the PTPN22 1858C>T variant and type 1 diabetes depends on HLA risk and GAD65 autoantibodies. *Genes and Immunity*, **2010**, 11, 406-15	4.4	23
145	The interleukin 23 receptor gene in multiple sclerosis: a case-control study. *Journal of Neuroimmunology*, **2008**, 194, 173-80	3.5	23
144	Association of genetic markers with CSF oligoclonal bands in multiple sclerosis patients. *PLoS ONE*, **2013**, 8, e64408	3.7	22
143	The HLA locus contains novel foetal susceptibility alleles for congenital heart block with significant paternal influence. *Journal of Internal Medicine*, **2014**, 275, 640-51	10.8	21
142	Integrated genomic and prospective clinical studies show the importance of modular pleiotropy for disease susceptibility, diagnosis and treatment. *Genome Medicine*, **2014**, 6, 17	14.4	21
141	Lack of support for association between the KIF1B rs10492972[C] variant and multiple sclerosis. *Nature Genetics*, **2010**, 42, 469-70; author reply 470-1	36.3	21
140	Sex influences eQTL effects of SLE and Sjögren's syndrome-associated genetic polymorphisms. *Biology of Sex Differences*, **2017**, 8, 34	9.3	20
139	The Temporal Retinal Nerve Fiber Layer Thickness Is the Most Important Optical Coherence Tomography Estimate in Multiple Sclerosis. *Frontiers in Neurology*, **2017**, 8, 675	4.1	20
138	Retrovirus-like long-terminal repeat DQ-LTR13 and genetic susceptibility to type 1 diabetes and autoimmune Addison's disease. *Diabetes*, **2005**, 54, 900-5	0.9	20
137	The immunogenetics of narcolepsy associated with A(H1N1)pdm09 vaccination (Pandemrix) supports a potent gene-environment interaction. *Genes and Immunity*, **2017**, 18, 75-81	4.4	19
136	NR1H3 p.Arg415Gln Is Not Associated to Multiple Sclerosis Risk. *Neuron*, **2016**, 92, 333-335	13.9	19
135	Age-dependent variation of genotypes in MHC II transactivator gene (CIITA) in controls and association to type 1 diabetes. *Genes and Immunity*, **2012**, 13, 632-40	4.4	19
134	Genetic variants of CC chemokine genes in experimental autoimmune encephalomyelitis, multiple sclerosis and rheumatoid arthritis. *Genes and Immunity*, **2010**, 11, 142-54	4.4	19
133	Glutamate decarboxylase antibodies in non-diabetic pregnancy precedes insulin-dependent diabetes in the mother but not necessarily in the offspring. *Autoimmunity*, **1997**, 26, 261-9	3	19
132	No evidence of association of the PDCD1 gene with Type 1 diabetes. *Diabetic Medicine*, **2007**, 24, 1473-7	3.5	19
131	Inheritance of MHC class II genes in IDDM studied in population-based affected and control families. *Diabetologia*, **1994**, 37, 1105-12	10.3	19
130	Polymorphic amino acid variations in HLA-DQ are associated with systematic physical property changes and occurrence of IDDM. Members of the Swedish Childhood Diabetes Study. *Diabetes*, **1995**, 44, 125-131	0.9	19
129	Coupling between mineral reactions, chemical changes in groundwater, and earthquakes in Iceland. *Journal of Geophysical Research: Solid Earth*, **2016**, 121, 2315-2337	3.6	19

128	The effect of polymorphisms in the renin-angiotensin-aldosterone system on diabetic nephropathy risk. *Journal of Diabetes and Its Complications*, **2008**, 22, 377-83	3.2	18
127	D6S265*15 marks a DRB1*15, DQB1*0602 haplotype associated with attenuated protection from type 1 diabetes mellitus. *Diabetologia*, **2005**, 48, 2540-3	10.3	18
126	The length of the CTLA-4 microsatellite (AT)N-repeat affects the risk for type 1 diabetes. Diabetes Incidence in Sweden Study Group. *Autoimmunity*, **2000**, 32, 173-80	3	18
125	High plasma levels of islet amyloid polypeptide in young with new-onset of type 1 diabetes mellitus. *PLoS ONE*, **2014**, 9, e93053	3.7	17
124	Major histocompatibility complex class II transactivator gene polymorphism: associations with Ll̈gren© syndrome. *Tissue Antigens*, **2010**, 76, 96-101		17
123	Cornulin, a marker of late epidermal differentiation, is down-regulated in eczema. *Allergy: European Journal of Allergy and Clinical Immunology*, **2009**, 64, 304-11	9.3	17
122	Multiple factors affect the loss of measurable C-peptide over 6 years in newly diagnosed 15- to 35-year-old diabetic subjects. *Journal of Diabetes and Its Complications*, **2007**, 21, 205-13	3.2	17
121	Analysis of HLA-DQA1 and -DQB1 genes in Mexican Americans with insulin-dependent diabetes mellitus. *Tissue Antigens*, **1993**, 42, 72-7		17
120	Identification of a Genetic Variation in ERAP1 Aminopeptidase that Prevents Human Cytomegalovirus miR-UL112-5p-Mediated Immunoevasion. *Cell Reports*, **2017**, 20, 846-853	10.6	16
119	Tissue transglutaminase autoantibodies and human leucocyte antigen in Down© syndrome patients with coeliac disease. *Acta Paediatrica, International Journal of Paediatrics*, **2007**, 91, 34-38	3.1	16
118	TGF regulates persistent neuroinflammation by controlling Th1 polarization and ROS production via monocyte-derived dendritic cells. *Glia*, **2016**, 64, 1925-37	9	16
117	Serum neurofilament light chain for individual prognostication of disease activity in people with multiple sclerosis: a retrospective modelling and validation study.. *Lancet Neurology, The*, **2022**, 21, 246-257	24.1	16
116	HTR1A a novel type 1 diabetes susceptibility gene on chromosome 5p13-q13. *PLoS ONE*, **2012**, 7, e35439	3.7	15
115	Multiple sclerosis risk genotypes correlate with an elevated cerebrospinal fluid level of the suggested prognostic marker CXCL13. *Multiple Sclerosis Journal*, **2013**, 19, 863-70	5	15
114	HLA genes, islet autoantibodies and residual C-peptide at the clinical onset of type 1 diabetes mellitus and the risk of retinopathy 15 years later. *PLoS ONE*, **2011**, 6, e17569	3.7	15
113	Analysis of association and linkage for the interleukin-4 and interleukin-4 receptor b;alpha; regions in Swedish atopic dermatitis families. *Clinical and Experimental Allergy*, **2002**, 32, 1199-202	4.1	15
112	Fine mapping analysis confirms and strengthens linkage of four chromosomal regions in familial hypospadias. *European Journal of Human Genetics*, **2015**, 23, 516-22	5.3	14
111	Serum levels of LIGHT in MS. *Multiple Sclerosis Journal*, **2013**, 19, 871-6	5	14

110	Genome-wide linkage analysis in families with infantile hypertrophic pyloric stenosis indicates novel susceptibility loci. *Journal of Human Genetics*, **2012**, 57, 115-21	4.3	14
109	Multiplicity of the antibody response to GAD65 in Type I diabetes. *Clinical and Experimental Immunology*, **2004**, 138, 337-41	6.2	14
108	Pathogenesis of insulin-dependent diabetes mellitus. *Baillierels Clinical Endocrinology and Metabolism*, **1995**, 9, 25-46		14
107	Identity-by-descent mapping in a Scandinavian multiple sclerosis cohort. *European Journal of Human Genetics*, **2015**, 23, 688-92	5.3	13
106	Risk conferred by HLA-DR and DQ for type 1 diabetes in 0-35-year age group in Sweden. *Annals of the New York Academy of Sciences*, **2008**, 1150, 106-11	6.5	13
105	Susceptibility loci for atopic dermatitis on chromosome 21 in a Swedish population. *Allergy: European Journal of Allergy and Clinical Immunology*, **2006**, 61, 617-21	9.3	13
104	Genome-wide linkage analysis of allergic rhinoconjunctivitis in a Swedish population. *Clinical and Experimental Allergy*, **2006**, 36, 204-10	4.1	13
103	Epstein-Barr virus infection after adolescence and human herpesvirus 6A as risk factors for multiple sclerosis. *European Journal of Neurology*, **2021**, 28, 579-586	6	13
102	Factors associated with and long-term outcome of benign multiple sclerosis: a nationwide cohort study. *Journal of Neurology, Neurosurgery and Psychiatry*, **2019**, 90, 761-767	5.5	12
101	Non-HLA type 1 diabetes genes modulate disease risk together with HLA-DQ and islet autoantibodies. *Genes and Immunity*, **2015**, 16, 541-51	4.4	12
100	Changes in GAD65Ab-specific antiidiotypic antibody levels correlate with changes in C-peptide levels and progression to islet cell autoimmunity. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, E310-8	5.6	12
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