Anette-Gabriele Ziegler

List of Publications by Citations

257 papers	12,610 citations	55 h-index	104 g-index
265 ext. papers	15,425 ext. citations	9.5 avg, IF	6.11 L-index

#	Paper	IF	Citations
257	Seroconversion to multiple islet autoantibodies and risk of progression to diabetes in children. *JAMA - Journal of the American Medical Association*, **2013**, 309, 2473-9	27.4	631
256	Temporal development of the gut microbiome in early childhood from the TEDDY study. *Nature*, **2018**, 562, 583-588	50.4	619
255	Autoantibody appearance and risk for development of childhood diabetes in offspring of parents with type 1 diabetes: the 2-year analysis of the German BABYDIAB Study. *Diabetes*, **1999**, 48, 460-8	0.9	511
254	Staging presymptomatic type 1 diabetes: a scientific statement of JDRF, the Endocrine Society, and the American Diabetes Association. *Diabetes Care*, **2015**, 38, 1964-74	14.6	435
253	Early infant feeding and risk of developing type 1 diabetes-associated autoantibodies. *JAMA - Journal of the American Medical Association*, **2003**, 290, 1721-8	27.4	354
252	The human gut microbiome in early-onset type 1 diabetes from the TEDDY study. *Nature*, **2018**, 562, 589-594	50.4	323
251	An Anti-CD3 Antibody, Teplizumab, in Relatives at Risk for Type 1 Diabetes. *New England Journal of Medicine*, **2019**, 381, 603-613	59.2	269
250	Widespread seasonal gene expression reveals annual differences in human immunity and physiology. *Nature Communications*, **2015**, 6, 7000	17.4	268
249	The 6 year incidence of diabetes-associated autoantibodies in genetically at-risk children: the TEDDY study. *Diabetologia*, **2015**, 58, 980-7	10.3	235
248	Interleukin-1 antagonism in type 1 diabetes of recent onset: two multicentre, randomised, double-blind, placebo-controlled trials. *Lancet, The*, **2013**, 381, 1905-15	40	234
247	Prediction and pathogenesis in type 1 diabetes. *Immunity*, **2010**, 32, 468-78	32.3	229
246	Risk of pediatric celiac disease according to HLA haplotype and country. *New England Journal of Medicine*, **2014**, 371, 42-9	59.2	212
245	Stratification of type 1 diabetes risk on the basis of islet autoantibody characteristics. *Diabetes*, **2004**, 53, 384-92	0.9	206
244	Harmonization of glutamic acid decarboxylase and islet antigen-2 autoantibody assays for national institute of diabetes and digestive and kidney diseases consortia. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 3360-7	5.6	199
243	A type I interferon transcriptional signature precedes autoimmunity in children genetically at risk for type 1 diabetes. *Diabetes*, **2014**, 63, 2538-50	0.9	188
242	Natural history of type 1 diabetes. *Diabetes*, **2005**, 54 Suppl 2, S25-31	0.9	177
241	Predictors of postpartum diabetes in women with gestational diabetes mellitus. *Diabetes*, **2006**, 55, 792-7	0.9	176

240	Age-related islet autoantibody incidence in offspring of patients with type 1 diabetes. *Diabetologia*, **2012**, 55, 1937-43	10.3	161
239	Mature high-affinity immune responses to (pro)insulin anticipate the autoimmune cascade that leads to type 1 diabetes. *Journal of Clinical Investigation*, **2004**, 114, 589-597	15.9	155
238	Primary dietary intervention study to reduce the risk of islet autoimmunity in children at increased risk for type 1 diabetes: the BABYDIET study. *Diabetes Care*, **2011**, 34, 1301-5	14.6	154
237	Autoantibodies to zinc transporter 8 and SLC30A8 genotype stratify type 1 diabetes risk. *Diabetologia*, **2009**, 52, 1881-8	10.3	137
236	Compromised gut microbiota networks in children with anti-islet cell autoimmunity. *Diabetes*, **2014**, 63, 2006-14	0.9	131
235	Long-term protective effect of lactation on the development of type 2 diabetes in women with recent gestational diabetes mellitus. *Diabetes*, **2012**, 61, 3167-71	0.9	119
234	Prevalence and predictors of overweight and insulin resistance in offspring of mothers with gestational diabetes mellitus. *Diabetes Care*, **2010**, 33, 1845-9	14.6	119
233	Effects of high-dose oral insulin on immune responses in children at high risk for type 1 diabetes: the Pre-POINT randomized clinical trial. *JAMA - Journal of the American Medical Association*, **2015**, 313, 1541-9	27.4	116
232	Brief communication: early appearance of islet autoantibodies predicts childhood type 1 diabetes in offspring of diabetic parents. *Annals of Internal Medicine*, **2004**, 140, 882-6	8	112
231	Evidence for in vivo primed and expanded autoreactive T cells as a specific feature of patients with type 1 diabetes. *Journal of Immunology*, **2007**, 179, 5785-92	5.3	107
230	No effect of the 1alpha,25-dihydroxyvitamin D3 on beta-cell residual function and insulin requirement in adults with new-onset type 1 diabetes. *Diabetes Care*, **2010**, 33, 1443-8	14.6	105
229	Predictors of Progression From the Appearance of Islet Autoantibodies to Early Childhood Diabetes: The Environmental Determinants of Diabetes in the Young (TEDDY). *Diabetes Care*, **2015**, 38, 808-13	14.6	102
228	No effect of the altered peptide ligand NBI-6024 on beta-cell residual function and insulin needs in new-onset type 1 diabetes. *Diabetes Care*, **2009**, 32, 2036-40	14.6	102
227	Transmission of maternal islet antibodies and risk of autoimmune diabetes in offspring of mothers with type 1 diabetes. *Diabetes*, **2004**, 53, 1-4	0.9	102
226	Factors That Increase Risk of Celiac Disease Autoimmunity After a Gastrointestinal Infection in Early Life. *Clinical Gastroenterology and Hepatology*, **2017**, 15, 694-702.e5	6.9	96
225	Genetic and Environmental Interactions Modify the Risk of Diabetes-Related Autoimmunity by 6 Years of Age: The TEDDY Study. *Diabetes Care*, **2017**, 40, 1194-1202	14.6	95
224	IDDM2/insulin VNTR modifies risk conferred by IDDM1/HLA for development of Type 1 diabetes and associated autoimmunity. *Diabetologia*, **2003**, 46, 712-20	10.3	95
223	Mature high-affinity immune responses to (pro)insulin anticipate the autoimmune cascade that leads to type 1 diabetes. *Journal of Clinical Investigation*, **2004**, 114, 589-97	15.9	92

222	Age at gluten introduction and risk of celiac disease. *Pediatrics*, **2015**, 135, 239-45	7.4	91
221	Feature ranking of type 1 diabetes susceptibility genes improves prediction of type 1 diabetes. *Diabetologia*, **2014**, 57, 2521-9	10.3	85
220	Maturation of the humoral autoimmune response to epitopes of GAD in preclinical childhood type 1 diabetes. *Diabetes*, **2000**, 49, 202-8	0.9	85
219	Type 1 diabetes vaccine candidates promote human Foxp3(+)Treg induction in humanized mice. *Nature Communications*, **2016**, 7, 10991	17.4	75
218	Age- and islet autoimmunity-associated differences in amino acid and lipid metabolites in children at risk for type 1 diabetes. *Diabetes*, **2011**, 60, 2740-7	0.9	73
217	The Influence of Type 1 Diabetes Genetic Susceptibility Regions, Age, Sex, and Family History on the Progression From Multiple Autoantibodies to Type 1 Diabetes: A TEDDY Study Report. *Diabetes* , **2017**, 66, 3122-3129	0.9	72
216	Capillary blood islet autoantibody screening for identifying pre-type 1 diabetes in the general population: design and initial results of the Fr1da study. *BMJ Open*, **2016**, 6, e011144	3	70
215	Respiratory infections are temporally associated with initiation of type 1 diabetes autoimmunity: the TEDDY study. *Diabetologia*, **2017**, 60, 1931-1940	10.3	69
214	Cesarean section and interferon-induced helicase gene polymorphisms combine to increase childhood type 1 diabetes risk. *Diabetes*, **2011**, 60, 3300-6	0.9	67
213	Towards a functional hypothesis relating anti-islet cell autoimmunity to the dietary impact on microbial communities and butyrate production. *Microbiome*, **2016**, 4, 17	16.6	67
212	Relationship between the incidence of type 1 diabetes and enterovirus infections in different European populations: results from the EPIVIR project. *Journal of Medical Virology*, **2004**, 72, 610-7	19.7	64
211	Modulating the natural history of type 1 diabetes in children at high genetic risk by mucosal insulin immunization. *Current Diabetes Reports*, **2008**, 8, 87-93	5.6	62
210	IDDM1 and multiple family history of type 1 diabetes combine to identify neonates at high risk for type 1 diabetes. *Diabetes Care*, **2004**, 27, 2695-700	14.6	61
209	Development of celiac disease-associated antibodies in offspring of parents with type I diabetes. *Diabetologia*, **2000**, 43, 1005-11	10.3	61
208	Comparison of a novel micro-assay for insulin autoantibodies with the conventional radiobinding assay. *Diabetologia*, **1998**, 41, 681-3	10.3	60
207	Transmission ratio distortion at the INS-IGF2 VNTR. *Nature Genetics*, **1999**, 22, 324-5	36.3	60
206	Genetic scores to stratify risk of developing multiple islet autoantibodies and type 1 diabetes: A prospective study in children. *PLoS Medicine*, **2018**, 15, e1002548	11.6	60
205	Respiratory infections in early life and the development of islet autoimmunity in children at increased type 1 diabetes risk: evidence from the BABYDIET study. *JAMA Pediatrics*, **2013**, 167, 800-7	8.3	59

204	GAD autoantibody affinity and epitope specificity identify distinct immunization profiles in children at risk for type 1 diabetes. *Diabetes*, **2007**, 56, 1527-33	0.9	59
203	Accelerated progression from islet autoimmunity to diabetes is causing the escalating incidence of type 1 diabetes in young children. *Journal of Autoimmunity*, **2011**, 37, 3-7	15.5	57
202	Neonatal Bacille Calmette-Guerin vaccination and type 1 diabetes. *Diabetes Care*, **2005**, 28, 1204-6	14.6	55
201	A strategy for combining minor genetic susceptibility genes to improve prediction of disease in type 1 diabetes. *Genes and Immunity*, **2012**, 13, 549-55	4.4	54
200	Delayed exposure to wheat and barley proteins reduces diabetes incidence in non-obese diabetic mice. *Clinical Immunology*, **2004**, 111, 108-18	9	54
199	Infections in Early Life and Development of Type 1 Diabetes. *JAMA - Journal of the American Medical Association*, **2016**, 315, 1899-901	27.4	54
198	Proposed guidelines on screening for risk of type 1 diabetes. *Diabetes Care*, **2001**, 24, 398	14.6	52
197	Co-occurrence of Type 1 Diabetes and Celiac Disease Autoimmunity. *Pediatrics*, **2017**, 140,	7.4	51
196	Islet autoantibody phenotypes and incidence in children at increased risk for type 1 diabetes. *Diabetologia*, **2015**, 58, 2317-23	10.3	51
195	An interferon-induced helicase (IFIH1) gene polymorphism associates with different rates of progression from autoimmunity to type 1 diabetes. *Diabetes*, **2011**, 60, 685-90	0.9	51
194	Elimination of dietary gluten does not reduce titers of type 1 diabetes-associated autoantibodies in high-risk subjects. *Diabetes Care*, **2002**, 25, 1111-6	14.6	51
193	Yield of a Public Health Screening of Children for Islet Autoantibodies in Bavaria, Germany. *JAMA - Journal of the American Medical Association*, **2020**, 323, 339-351	27.4	50
192	Plasma 25-Hydroxyvitamin D Concentration and Risk of Islet Autoimmunity. *Diabetes*, **2018**, 67, 146-154	0.9	50
191	Predictors of overweight during childhood in offspring of parents with type 1 diabetes. *Diabetes Care*, **2009**, 32, 921-5	14.6	50
190	A divergent population of autoantigen-responsive CD4 T cells in infants prior to β cell autoimmunity. *Science Translational Medicine*, **2017**, 9,	17.5	49
189	Beneficial effects of breastfeeding in women with gestational diabetes mellitus. *Molecular Metabolism*, **2014**, 3, 284-92	8.8	49
188	A Stat6/Pten Axis Links Regulatory T Cells with Adipose Tissue Function. *Cell Metabolism*, **2017**, 26, 475-492.e7	24.6	49
187	Markedly reduced rate of diabetic ketoacidosis at onset of type 1 diabetes in relatives screened for islet autoantibodies. *Pediatric Diabetes*, **2012**, 13, 308-13	3.6	46

186	BABYDIET, a feasibility study to prevent the appearance of islet autoantibodies in relatives of patients with Type 1 diabetes by delaying exposure to gluten. *Diabetologia*, **2004**, 47, 1130-1	10.3	46
185	Prevalence of vitamin D deficiency in pre-type 1 diabetes and its association with disease progression. *Diabetologia*, **2014**, 57, 902-8	10.3	45
184	ISPAD Clinical Practice Consensus Guidelines 2018: Stages of type 1 diabetes in children and adolescents. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 20-27	3.6	44
183	Concentration and activity of the soluble form of the interleukin-7 receptor in type 1 diabetes identifies an interplay between hyperglycemia and immune function. *Diabetes*, **2013**, 62, 2500-8	0.9	44
182	Breastfeeding habits in families with Type 1 diabetes. *Diabetic Medicine*, **2007**, 24, 671-6	3.5	44
181	Predominantly recognized proinsulin T helper cell epitopes in individuals with and without islet cell autoimmunity. *Journal of Autoimmunity*, **2002**, 18, 55-66	15.5	44
180	Predicting Islet Cell Autoimmunity and Type 1 Diabetes: An 8-Year TEDDY Study Progress Report. *Diabetes Care*, **2019**, 42, 1051-1060	14.6	43
179	Early infant feeding and risk of developing islet autoimmunity and type 1 diabetes. *Acta Diabetologica*, **2015**, 52, 621-4	3.9	43
178	The Environmental Determinants of Diabetes in the Young (TEDDY) Study: 2018 Update. *Current Diabetes Reports*, **2018**, 18, 136	5.6	42
177	Autoantibodies to IA-2beta improve diabetes risk assessment in high-risk relatives. *Diabetologia*, **2008**, 51, 488-92	10.3	41
176	Predicting type 1 diabetes. *Current Diabetes Reports*, **2005**, 5, 98-103	5.6	41
175	miRNA92a targets KLF2 and the phosphatase PTEN signaling to promote human T follicular helper precursors in T1D islet autoimmunity. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E6659-E6668	11.5	41
174	Timing of gluten introduction and islet autoimmunity in young children: updated results from the BABYDIET study. *Diabetes Care*, **2014**, 37, e194-5	14.6	40
173	Reversion of Cell Autoimmunity Changes Risk of Type 1 Diabetes: TEDDY Study. *Diabetes Care*, **2016**, 39, 1535-42	14.6	39
172	Early Infant Diet and Islet Autoimmunity in the TEDDY Study. *Diabetes Care*, **2018**, 41, 522-530	14.6	38
171	Primary prevention of beta-cell autoimmunity and type 1 diabetes - The Global Platform for the Prevention of Autoimmune Diabetes (GPPAD) perspectives. *Molecular Metabolism*, **2016**, 5, 255-262	8.8	38
170	A Public Health Antibody Screening Indicates a 6-Fold Higher SARS-CoV-2 Exposure Rate than Reported Cases in Children. *Med*, **2021**, 2, 149-163.e4	31.7	38
169	A miRNA181a/NFAT5 axis links impaired T cell tolerance induction with autoimmune type 1 diabetes. *Science Translational Medicine*, **2018**, 10,	17.5	37

168	High diversity in the TCR repertoire of GAD65 autoantigen-specific human CD4+ T cells. *Journal of Immunology*, **2015**, 194, 2531-8	5.3	37
167	Methods, quality control and specimen management in an international multicentre investigation of type 1 diabetes: TEDDY. *Diabetes/Metabolism Research and Reviews*, **2013**, 29, 557-67	7.5	37
166	Type 1 diabetes risk assessment: improvement by follow-up measurements in young islet autoantibody-positive relatives. *Diabetologia*, **2006**, 49, 2969-76	10.3	37
165	Teplizumab improves and stabilizes beta cell function in antibody-positive high-risk individuals. *Science Translational Medicine*, **2021**, 13,	17.5	37
164	Growth and Risk for Islet Autoimmunity and Progression to Type 1 Diabetes in Early Childhood: The Environmental Determinants of Diabetes in the Young Study. *Diabetes*, **2016**, 65, 1988-95	0.9	36
163	High-resolution SNP scan of chromosome 6p21 in pooled samples from patients with complex diseases. *Genomics*, **2003**, 81, 510-8	4.3	36
162	Identification of Non-HLA Genes Associated with Celiac Disease and Country-Specific Differences in a Large, International Pediatric Cohort. *PLoS ONE*, **2016**, 11, e0152476	3.7	36
161	Genetic association of zinc transporter 8 (ZnT8) autoantibodies in type 1 diabetes cases. *Diabetologia*, **2012**, 55, 1978-84	10.3	35
160	Prevalence, characteristics and diabetes risk associated with transient maternally acquired islet antibodies and persistent islet antibodies in offspring of parents with type 1 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 4826-33	5.6	35
159	Exposure to exogenous insulin promotes IgG1 and the T-helper 2-associated IgG4 responses to insulin but not to other islet autoantigens. *Diabetes*, **2000**, 49, 918-25	0.9	35
158	Ambient air pollution and early manifestation of type 1 diabetes. *Epidemiology*, **2015**, 26, e31-2	3.1	34
157	Immunoglobulin G Insulin Autoantibodies in BABYDIAB Offspring Appear Postnatally: Sensitive Early Detection Using a Protein A/G-Based Radiobinding Assay. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 1239-1243	5.6	34
156	Immunoglobulin G insulin autoantibodies in BABYDIAB offspring appear postnatally: sensitive early detection using a protein A/G-based radiobinding assay. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 1239-43	5.6	33
155	General population screening for type 1 diabetes: has its time come?. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2015**, 22, 270-6	4	32
154	Development of autoimmunity to transglutaminase C in children of patients with type 1 diabetes: relationship to islet autoantibodies and infant feeding. *Diabetologia*, **2007**, 50, 390-4	10.3	32
153	In insulin-autoantibody-positive children from the general population, antibody affinity identifies those at high and low risk. *Diabetologia*, **2005**, 48, 1830-2	10.3	32
152	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	3	31
151	A combined risk score enhances prediction of type 1 diabetes among susceptible children. *Nature Medicine*, **2020**, 26, 1247-1255	50.5	30

150	A novel approach for the analysis of longitudinal profiles reveals delayed progression to type 1 diabetes in a subgroup of multiple-islet-autoantibody-positive children. *Diabetologia*, **2016**, 59, 2172-80	10.3	29
149	Maternal type 1 diabetes reduces the risk of islet autoantibodies: relationships with birthweight and maternal HbA(1c). *Diabetologia*, **2008**, 51, 1245-52	10.3	29
148	First Infant Formula Type and Risk of Islet Autoimmunity in The Environmental Determinants of Diabetes in the Young (TEDDY) Study. *Diabetes Care*, **2017**, 40, 398-404	14.6	28
147	Identification of non-HLA genes associated with development of islet autoimmunity and type 1 diabetes in the prospective TEDDY cohort. *Journal of Autoimmunity*, **2018**, 89, 90-100	15.5	28
146	Prospective evaluation of risk factors for the development of islet autoimmunity and type 1 diabetes during puberty--TEENDIAB: study design. *Pediatric Diabetes*, **2012**, 13, 419-24	3.6	28
145	Next-generation sequencing for viruses in children with rapid-onset type 1 diabetes. *Diabetologia*, **2013**, 56, 1705-1711	10.3	28
144	GAD autoantibody affinity in adult patients with latent autoimmune diabetes, the study participants of a GAD65 vaccination trial. *Diabetes Care*, **2014**, 37, 1675-80	14.6	28
143	Human monoclonal antibodies isolated from type I diabetes patients define multiple epitopes in the protein tyrosine phosphatase-like IA-2 antigen. *Journal of Immunology*, **2000**, 165, 4676-84	5.3	28
142	Cesarean Section on the Risk of Celiac Disease in the Offspring: The Teddy Study. *Journal of Pediatric Gastroenterology and Nutrition*, **2018**, 66, 417-424	2.8	28
141	miRNA142-3p targets Tet2 and impairs Treg differentiation and stability in models of type 1 diabetes. *Nature Communications*, **2019**, 10, 5697	17.4	27
140	Activation of islet autoreactive naïve T cells in infants is influenced by homeostatic mechanisms and antigen-presenting capacity. *Diabetes*, **2013**, 62, 2059-66	0.9	26
139	Elimination of dietary gluten and development of type 1 diabetes in high risk subjects. *Review of Diabetic Studies*, **2004**, 1, 39-41	3.6	26
138	Tetraspanin 7 autoantibodies in type 1 diabetes. *Diabetologia*, **2016**, 59, 1973-6	10.3	26
137	Effect of a single autologous cord blood infusion on beta-cell and immune function in children with new onset type 1 diabetes: a non-randomized, controlled trial. *Pediatric Diabetes*, **2014**, 15, 100-9	3.6	25
136	Human breath gas analysis in the screening of gestational diabetes mellitus. *Diabetes Technology and Therapeutics*, **2012**, 14, 917-25	8.1	25
135	Cardiac sympathetic dysinnervation in Type 2 diabetes mellitus with and without ECG-based cardiac autonomic neuropathy. *Journal of Diabetes and Its Complications*, **2002**, 16, 220-7	3.2	25
134	Two distinctly HLA-associated contiguous linear epitopes uniquely expressed within the islet antigen 2 molecule are major autoantibody epitopes of the diabetes-specific tyrosine phosphatase-like protein autoantigens. *Journal of Immunology*, **2002**, 168, 4202-8	5.3	25
133	Relation between cellular and humoral immunity to islet cell antigens in type 1 diabetes. *Journal of Autoimmunity*, **1996**, 9, 427-30	15.5	25

132	Incomplete immune response to coxsackie B viruses associates with early autoimmunity against insulin. *Scientific Reports*, **2016**, 6, 32899	4.9	25
131	Prophylactic insulin treatment in relatives at high risk for type 1 diabetes. *Diabetes/metabolism Reviews*, **1993**, 9, 289-93		24
130	Lack of association of type 2 diabetes susceptibility genotypes and body weight on the development of islet autoimmunity and type 1 diabetes. *PLoS ONE*, **2012**, 7, e35410	3.7	24
129	Predictive value of human leukocyte antigen class II typing for the development of islet autoantibodies and insulin-dependent diabetes postpartum in women with gestational diabetes. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 2342-8	5.6	23
128	Measuring T cell receptor and T cell gene expression diversity in antigen-responsive human CD4+ T cells. *Journal of Immunological Methods*, **2013**, 400-401, 13-22	2.5	22
127	Progression from single to multiple islet autoantibodies often occurs soon after seroconversion: implications for early screening. *Diabetologia*, **2015**, 58, 411-3	10.3	21
126	German new onset diabetes in the young incident cohort study: DiMelli study design and first-year results. *Review of Diabetic Studies*, **2010**, 7, 202-8	3.6	21
125	Postpartum outcomes in women with gestational diabetes and their offspring: POGO study design and first-year results. *Review of Diabetic Studies*, **2013**, 10, 49-57	3.6	21
124	Time-Resolved Autoantibody Profiling Facilitates Stratification of Preclinical Type 1 Diabetes in Children. *Diabetes*, **2019**, 68, 119-130	0.9	21
123	Rebranding asymptomatic type 1 diabetes: the case for autoimmune beta cell disorder as a pathological and diagnostic entity. *Diabetologia*, **2017**, 60, 35-38	10.3	20
122	Early infant growth is associated with the risk of islet autoimmunity in genetically susceptible children. *Pediatric Diabetes*, **2014**, 15, 534-42	3.6	20
121	Clinical immunologic interventions for the treatment of type 1 diabetes. *Cold Spring Harbor Perspectives in Medicine*, **2012**, 2,	5.4	20
120	Proteomic Landscape of Patient-Derived CD4+ T Cells in Recent-Onset Type 1 Diabetes. *Journal of Proteome Research*, **2018**, 17, 618-634	5.6	20
119	Metabolite-related dietary patterns and the development of islet autoimmunity. *Scientific Reports*, **2019**, 9, 14819	4.9	19
118	Involvement of dendritic cells in early insulitis of BB rats. *Journal of Autoimmunity*, **1992**, 5, 571-9	15.5	19
117	A method for reporting and classifying acute infectious diseases in a prospective study of young children: TEDDY. *BMC Pediatrics*, **2015**, 15, 24	2.6	18
116	Gestational respiratory infections interacting with offspring HLA and CTLA-4 modifies incident Ecell autoantibodies. *Journal of Autoimmunity*, **2018**, 86, 93-103	15.5	18
115	Complement gene variants in relation to autoantibodies to beta cell specific antigens and type 1 diabetes in the TEDDY Study. *Scientific Reports*, **2016**, 6, 27887	4.9	18

114	HLA-DPB1*04:01 Protects Genetically Susceptible Children from Celiac Disease Autoimmunity in the TEDDY Study. *American Journal of Gastroenterology*, **2015**, 110, 915-20	0.7	18
113	A strategy to find gene combinations that identify children who progress rapidly to type 1 diabetes after islet autoantibody seroconversion. *Acta Diabetologica*, **2014**, 51, 403-11	3.9	18
112	Continuous rise of insulin resistance before and after the onset of puberty in children at increased risk for type 1 diabetes - a cross-sectional analysis. *Diabetes/Metabolism Research and Reviews*, **2013** , 29, 631-5	7.5	18
111	Exposure to environmental factors in drinking water: risk of islet autoimmunity and type 1 diabetes--the BABYDIAB study. *Hormone and Metabolic Research*, **2008**, 40, 566-71	3.1	18
110	Fetal growth is increased by maternal type 1 diabetes and HLA DR4-related gene interactions. *Diabetologia*, **2007**, 50, 850-8	10.3	18
109	Lactation is associated with altered metabolomic signatures in women with gestational diabetes. *Diabetologia*, **2016**, 59, 2193-202	10.3	17
108	Influence of early nutritional components on the development of murine autoimmune diabetes. *Annals of Nutrition and Metabolism*, **2009**, 54, 208-17	4.5	17
107	Is islet autoimmunity related to insulin sensitivity or body weight in children of parents with type 1 diabetes?. *Diabetologia*, **2009**, 52, 2072-8	10.3	17
106	Characterization of antibody responses to endogenous and exogenous antigen in the nonobese diabetic mouse. *Clinical Immunology*, **2003**, 106, 155-62	9	17
105	Genetic Contribution to the Divergence in Type 1 Diabetes Risk Between Children From the General Population and Children From Affected Families. *Diabetes*, **2019**, 68, 847-857	0.9	16
104	Dietary intake of soluble fiber and risk of islet autoimmunity by 5 y of age: results from the TEDDY study. *American Journal of Clinical Nutrition*, **2015**, 102, 345-52	7	16
103	Prediction of type 1 diabetes using a genetic risk model in the Diabetes Autoimmunity Study in the Young. *Pediatric Diabetes*, **2018**, 19, 277-283	3.6	16
102	3 Screen ELISA for High-Throughput Detection of Beta Cell Autoantibodies in Capillary Blood. *Diabetes Technology and Therapeutics*, **2016**, 18, 687-693	8.1	16
101	3 Screen islet cell autoantibody ELISA: A sensitive and specific ELISA for the combined measurement of autoantibodies to GAD, to IA-2 and to ZnT8. *Clinica Chimica Acta*, **2016**, 462, 60-64	6.2	15
100	Early Probiotic Supplementation and the Risk of Celiac Disease in Children at Genetic Risk. *Nutrients* , **2019**, 11,	6.7	15
99	Joint modeling of longitudinal autoantibody patterns and progression to type 1 diabetes: results from the TEDDY study. *Acta Diabetologica*, **2017**, 54, 1009-1017	3.9	15
98	Maternal immunity to insulin does not affect diabetes risk in progeny of non obese diabetic mice. *Clinical and Experimental Immunology*, **2004**, 136, 56-9	6.2	15
97	Allele-specific methylation of type 1 diabetes susceptibility genes. *Journal of Autoimmunity*, **2018**, 89, 63-74	15.5	15

96	Infections in Early Life and Development of Celiac Disease. *American Journal of Epidemiology*, **2017**, 186, 1277-1280	3.8	14
95	CD8 T cells specific for the islet autoantigen IGRP are restricted in their T cell receptor chain usage. *Scientific Reports*, **2017**, 7, 44661	4.9	14
94	Reduced IL-4 associated antibody responses to vaccine in early pre-diabetes. *Diabetologia*, **2002**, 45, 677-85	10.3	14
93	Associations of Maternal Diabetes During Pregnancy with Overweight in Offspring: Results from the Prospective TEDDY Study. *Obesity*, **2018**, 26, 1457-1466	8	14
92	Maternal anxiety about a child's diabetes risk in the TEDDY study: the potential role of life stress, postpartum depression, and risk perception. *Pediatric Diabetes*, **2015**, 16, 287-98	3.6	13
91	Distinct Growth Phases in Early Life Associated With the Risk of Type 1 Diabetes: The TEDDY Study. *Diabetes Care*, **2020**, 43, 556-562	14.6	13
90	Longitudinal Metabolome-Wide Signals Prior to the Appearance of a First Islet Autoantibody in Children Participating in the TEDDY Study. *Diabetes*, **2020**, 69, 465-476	0.9	13
89	Type 1 Diabetes Prevention: A Goal Dependent on Accepting a Diagnosis of an Asymptomatic Disease. *Diabetes*, **2016**, 65, 3233-3239	0.9	13
88	IA-2 autoantibody affinity in children at risk for type 1 diabetes. *Clinical Immunology*, **2012**, 145, 224-9	9	13
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