

Marian Rewers

List of Publications by Citations

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

98 papers	8,082 citations	43 h-index	89 g-index
100 ext. papers	9,669 ext. citations	9.2 avg, IF	5.65 L-index

#	Paper	IF	Citations
98	The cation efflux transporter ZnT8 (Slc30A8) is a major autoantigen in human type 1 diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17040-5	11.5	716
97	Seroconversion to multiple islet autoantibodies and risk of progression to diabetes in children. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 2473-9	27.4	631
96	Temporal development of the gut microbiome in early childhood from the TEDDY study. <i>Nature</i> , 2018 , 562, 583-588	50.4	619
95	Insulin sensitivity and atherosclerosis. The Insulin Resistance Atherosclerosis Study (IRAS) Investigators. <i>Circulation</i> , 1996 , 93, 1809-17	16.7	469
94	Timing of initial cereal exposure in infancy and risk of islet autoimmunity. <i>JAMA - Journal of the American Medical Association</i> , 2003 , 290, 1713-20	27.4	351
93	Environmental risk factors for type 1 diabetes. <i>Lancet, The</i> , 2016 , 387, 2340-2348	40	312
92	Predictors of acute complications in children with type 1 diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 287, 2511-8	27.4	311
91	Risk of celiac disease autoimmunity and timing of gluten introduction in the diet of infants at increased risk of disease. <i>JAMA - Journal of the American Medical Association</i> , 2005 , 293, 2343-51	27.4	277
90	Prediction of autoantibody positivity and progression to type 1 diabetes: Diabetes Autoimmunity Study in the Young (DAISY). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 3896-902	5.6	264
89	The insulin resistance atherosclerosis study (IRAS) objectives, design, and recruitment results. <i>Annals of Epidemiology</i> , 1995 , 5, 464-72	6.4	236
88	Timing of initial exposure to cereal grains and the risk of wheat allergy. <i>Pediatrics</i> , 2006 , 117, 2175-82	7.4	230
87	Omega-3 polyunsaturated fatty acid intake and islet autoimmunity in children at increased risk for type 1 diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 298, 1420-8	27.4	201
86	One third of HLA DQ2 homozygous patients with type 1 diabetes express celiac disease-associated transglutaminase autoantibodies. <i>Journal of Autoimmunity</i> , 1999 , 13, 143-8	15.5	182
85	Association of Early Exposure of Probiotics and Islet Autoimmunity in the TEDDY Study. <i>JAMA Pediatrics</i> , 2016 , 170, 20-8	8.3	175
84	Enterovirus infection and progression from islet autoimmunity to type 1 diabetes: the Diabetes and Autoimmunity Study in the Young (DAISY). <i>Diabetes</i> , 2010 , 59, 3174-80	0.9	169
83	A prospective study of the incidence of childhood celiac disease. <i>Journal of Pediatrics</i> , 2003 , 143, 308-14	3.6	168
82	Insulin resistance, defective insulin-mediated fatty acid suppression, and coronary artery calcification in subjects with and without type 1 diabetes: The CACTI study. <i>Diabetes</i> , 2011 , 60, 306-14	0.9	157

81	Assessment and monitoring of glycemic control in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2009 , 10 Suppl 12, 71-81	3.6	128
80	Insulin sensitivity, insulinemia, and coronary artery disease: the Insulin Resistance Atherosclerosis Study. <i>Diabetes Care</i> , 2004 , 27, 781-7	14.6	104
79	Improving coeliac disease risk prediction by testing non-HLA variants additional to HLA variants. <i>Gut</i> , 2014 , 63, 415-22	19.2	92
78	Age at gluten introduction and risk of celiac disease. <i>Pediatrics</i> , 2015 , 135, 239-45	7.4	91
77	Infant exposures and development of type 1 diabetes mellitus: The Diabetes Autoimmunity Study in the Young (DAISY). <i>JAMA Pediatrics</i> , 2013 , 167, 808-15	8.3	88
76	Assessment and monitoring of glycemic control in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2007 , 8, 408-18	3.6	88
75	Prospective virome analyses in young children at increased genetic risk for type 1 diabetes. <i>Nature Medicine</i> , 2019 , 25, 1865-1872	50.5	84
74	Diabetic Ketoacidosis at Diagnosis of Type 1 Diabetes Predicts Poor Long-term Glycemic Control. <i>Diabetes Care</i> , 2017 , 40, 1249-1255	14.6	77
73	Beta-cell autoantibodies in infants and toddlers without IDDM relatives: diabetes autoimmunity study in the young (DAISY). <i>Journal of Autoimmunity</i> , 1996 , 9, 405-10	15.5	77
72	Prevalence of autoantibody-negative diabetes is not rare at all ages and increases with older age and obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 88-92	5.6	72
71	Celiac disease associated with type 1 diabetes mellitus. <i>Endocrinology and Metabolism Clinics of North America</i> , 2004 , 33, 197-214, xi	5.5	72
70	GAD65 autoantibodies detected by electrochemiluminescence assay identify high risk for type 1 diabetes. <i>Diabetes</i> , 2013 , 62, 4174-8	0.9	64
69	Serum proteomics reveals systemic dysregulation of innate immunity in type 1 diabetes. <i>Journal of Experimental Medicine</i> , 2013 , 210, 191-203	16.6	63
68	Immunotherapy for the prevention and treatment of type 1 diabetes: human trials and a look into the future. <i>Diabetes Care</i> , 2009 , 32, 1769-82	14.6	59
67	Early-life predictors of higher body mass index in healthy children. <i>Annals of Nutrition and Metabolism</i> , 2010 , 56, 16-22	4.5	58
66	The effect of childhood cow's milk intake and HLA-DR genotype on risk of islet autoimmunity and type 1 diabetes: the Diabetes Autoimmunity Study in the Young. <i>Pediatric Diabetes</i> , 2015 , 16, 31-8	3.6	56
65	Association of Gluten Intake During the First 5 Years of Life With Incidence of Celiac Disease Autoimmunity and Celiac Disease Among Children at Increased Risk. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 514-523	27.4	54
64	Co-occurrence of Type 1 Diabetes and Celiac Disease Autoimmunity. <i>Pediatrics</i> , 2017 , 140,	7.4	51

63	Normal but increasing hemoglobin A1c levels predict progression from islet autoimmunity to overt type 1 diabetes: Diabetes Autoimmunity Study in the Young (DAISY). <i>Pediatric Diabetes</i> , 2006 , 7, 247-53	3.6	51
62	Plasma 25-Hydroxyvitamin D Concentration and Risk of Islet Autoimmunity. <i>Diabetes</i> , 2018 , 67, 146-154	0.9	50
61	Pathogenesis of type 1 diabetes: lessons from natural history studies of high-risk individuals. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1281, 1-15	6.5	50
60	Regulatory vs. inflammatory cytokine T-cell responses to mutated insulin peptides in healthy and type 1 diabetic subjects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4429-34	11.5	48
59	Maternal diet during pregnancy and islet autoimmunity in offspring. <i>Pediatric Diabetes</i> , 2008 , 9, 135-41	3.6	46
58	High Incidence of Celiac Disease in a Long-term Study of Adolescents With Susceptibility Genotypes. <i>Gastroenterology</i> , 2017 , 152, 1329-1336.e1	13.3	45
57	Sugar intake is associated with progression from islet autoimmunity to type 1 diabetes: the Diabetes Autoimmunity Study in the Young. <i>Diabetologia</i> , 2015 , 58, 2027-34	10.3	45
56	Transient antiislet autoantibodies: infrequent occurrence and lack of association with "genetic" risk factors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 2421-8	5.6	44
55	The Environmental Determinants of Diabetes in the Young (TEDDY) Study: 2018 Update. <i>Current Diabetes Reports</i> , 2018 , 18, 136	5.6	42
54	Electrochemiluminescence assays for insulin and glutamic acid decarboxylase autoantibodies improve prediction of type 1 diabetes risk. <i>Diabetes Technology and Therapeutics</i> , 2015 , 17, 119-27	8.1	40
53	Reversion of ECell Autoimmunity Changes Risk of Type 1 Diabetes: TEDDY Study. <i>Diabetes Care</i> , 2016 , 39, 1535-42	14.6	39
52	Early Infant Diet and Islet Autoimmunity in the TEDDY Study. <i>Diabetes Care</i> , 2018 , 41, 522-530	14.6	38
51	Methods, quality control and specimen management in an international multicentre investigation of type 1 diabetes: TEDDY. <i>Diabetes/Metabolism Research and Reviews</i> , 2013 , 29, 557-67	7.5	37
50	Growth and Risk for Islet Autoimmunity and Progression to Type 1 Diabetes in Early Childhood: The Environmental Determinants of Diabetes in the Young Study. <i>Diabetes</i> , 2016 , 65, 1988-95	0.9	36
49	A multiplex assay combining insulin, GAD, IA-2 and transglutaminase autoantibodies to facilitate screening for pre-type 1 diabetes and celiac disease. <i>Journal of Immunological Methods</i> , 2016 , 430, 28-32	2.5	35
48	Use of insulin glargine in children under age 6 with type 1 diabetes. <i>Pediatric Diabetes</i> , 2005 , 6, 150-4	3.6	34
47	Biomarker discovery study design for type 1 diabetes in The Environmental Determinants of Diabetes in the Young (TEDDY) study. <i>Diabetes/Metabolism Research and Reviews</i> , 2014 , 30, 424-34	7.5	33
46	Erythrocyte membrane omega-3 fatty acid levels and omega-3 fatty acid intake are not associated with conversion to type 1 diabetes in children with islet autoimmunity: the Diabetes Autoimmunity Study in the Young (DAISY). <i>Pediatric Diabetes</i> , 2011 , 12, 669-75	3.6	32

45	Early childhood infections and the risk of islet autoimmunity: the Diabetes Autoimmunity Study in the Young (DAISY). <i>Diabetes Care</i> , 2012 , 35, 2553-8	14.6	32
44	The rising tide of childhood type 1 diabetes--what is the elusive environmental trigger?. <i>Lancet, The</i> , 2004 , 364, 1645-7	4.0	31
43	Challenges in diagnosing type 1 diabetes in different populations. <i>Diabetes and Metabolism Journal</i> , 2012 , 36, 90-7	5	30
42	The interplay of autoimmunity and insulin resistance in type 1 diabetes. <i>Discovery Medicine</i> , 2012 , 13, 115-22	2.5	26
41	Risk of type 1 diabetes progression in islet autoantibody-positive children can be further stratified using expression patterns of multiple genes implicated in peripheral blood lymphocyte activation and function. <i>Diabetes</i> , 2014 , 63, 2506-15	0.9	25
40	Extrapropancreatic autoantibody profiles in type I diabetes. <i>PLoS ONE</i> , 2012 , 7, e45216	3.7	23
39	Time-Resolved Autoantibody Profiling Facilitates Stratification of Preclinical Type 1 Diabetes in Children. <i>Diabetes</i> , 2019 , 68, 119-130	0.9	21
38	Metabolite-related dietary patterns and the development of islet autoimmunity. <i>Scientific Reports</i> , 2019 , 9, 14819	4.9	19
37	Dietary glycemic index, development of islet autoimmunity, and subsequent progression to type 1 diabetes in young children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3936-42	5.6	19
36	Cost and Cost-effectiveness of Large-scale Screening for Type 1 Diabetes in Colorado. <i>Diabetes Care</i> , 2020 , 43, 1496-1503	14.6	18
35	HLA-DPB1*04:01 Protects Genetically Susceptible Children from Celiac Disease Autoimmunity in the TEDDY Study. <i>American Journal of Gastroenterology</i> , 2015 , 110, 915-20	0.7	18
34	Evidence of stage- and age-related heterogeneity of non-HLA SNPs and risk of islet autoimmunity and type 1 diabetes: the diabetes autoimmunity study in the young. <i>Clinical and Developmental Immunology</i> , 2013 , 2013, 417657		18
33	Comparison of insulin autoantibody: polyethylene glycol and micro-IAA 1-day and 7-day assays. <i>Diabetes/Metabolism Research and Reviews</i> , 2009 , 25, 665-70	7.5	18
32	Predicting progression to type 1 diabetes from ages 3 to 6 in islet autoantibody positive TEDDY children. <i>Pediatric Diabetes</i> , 2019 , 20, 263-270	3.6	18
31	Hierarchical Order of Distinct Autoantibody Spreading and Progression to Type 1 Diabetes in the TEDDY Study. <i>Diabetes Care</i> , 2020 , 43, 2066-2073	14.6	17
30	Perinatal and early childhood risk factors associated with rheumatoid factor positivity in a healthy paediatric population. <i>Annals of the Rheumatic Diseases</i> , 2007 , 66, 179-83	2.4	17
29	Joint modeling of longitudinal autoantibody patterns and progression to type 1 diabetes: results from the TEDDY study. <i>Acta Diabetologica</i> , 2017 , 54, 1009-1017	3.9	15
28	Longitudinal DNA methylation differences precede type 1 diabetes. <i>Scientific Reports</i> , 2020 , 10, 3721	4.9	14

27	Longitudinal Metabolome-Wide Signals Prior to the Appearance of a First Islet Autoantibody in Children Participating in the TEDDY Study. <i>Diabetes</i> , 2020 , 69, 465-476	0.9	13
26	High-throughput multiplexed autoantibody detection to screen type 1 diabetes and multiple autoimmune diseases simultaneously. <i>EBioMedicine</i> , 2019 , 47, 365-372	8.8	12
25	Erythrocyte membrane fatty acid content in infants consuming formulas supplemented with docosahexaenoic acid (DHA) and arachidonic acid (ARA): an observational study. <i>Maternal and Child Nutrition</i> , 2010 , 6, 338-46	3.4	11
24	The effect of insurance status and parental education on glycemic control and cardiovascular disease risk profile in youth with Type 1 Diabetes. <i>Journal of Diabetes and Metabolic Disorders</i> , 2014 , 13, 59	2.5	9
23	Predictive Modeling of Type 1 Diabetes Stages Using Disparate Data Sources. <i>Diabetes</i> , 2020 , 69, 238-248.	9	
22	The fallacy of reduction. <i>Pediatric Diabetes</i> , 2012 , 13, 340-3	3.6	7
21	Antibodies to the wheat storage globulin Glo-3A in children before and at diagnosis of celiac disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011 , 52, 21-5	2.8	6
20	Timing of solid food introduction is associated with urinary F2-isoprostane concentrations in childhood. <i>Pediatric Research</i> , 2015 , 78, 451-6	3.2	5
19	Assessing age-related etiologic heterogeneity in the onset of islet autoimmunity. <i>BioMed Research International</i> , 2015 , 2015, 708289	3	5
18	Metabolomics-related nutrient patterns at seroconversion and risk of progression to type 1 diabetes. <i>Pediatric Diabetes</i> , 2020 , 21, 1202-1209	3.6	5
17	Higher Sensitivity and Earlier Identification of Celiac Disease Autoimmunity by a Nonradioactive Assay for Transglutaminase Autoantibodies. <i>Journal of Immunology Research</i> , 2016 , 2016, 2904563	4.5	4
16	Incidence and predictors of type 1 diabetes among younger adults aged 20-45 years: The diabetes in young adults (DiYA) study. <i>Diabetes Research and Clinical Practice</i> , 2021 , 171, 108624	7.4	4
15	Islet Autoimmunity and HLA Markers of Presymptomatic and Clinical Type 1 Diabetes: Joint Analyses of Prospective Cohort Studies in Finland, Germany, Sweden, and the U.S. <i>Diabetes Care</i> , 2021 ,	14.6	3
14	Plasma Metabolome and Circulating Vitamins Stratified Onset Age of an Initial Islet Autoantibody and Progression to Type 1 Diabetes: The TEDDY Study. <i>Diabetes</i> , 2021 , 70, 282-292	0.9	3
13	Screening for Type 1 Diabetes in the General Population: A Status Report and Perspective.. <i>Diabetes</i> , 2022 , 71, 610-623	0.9	3
12	The association between IgG4 antibodies to dietary factors, islet autoimmunity and type 1 diabetes: the Diabetes Autoimmunity Study in the Young. <i>PLoS ONE</i> , 2013 , 8, e57936	3.7	2
11	The oxylipin profile is associated with development of type 1 diabetes: the Diabetes Autoimmunity Study in the Young (DAISY). <i>Diabetologia</i> , 2021 , 64, 1785-1794	10.3	2
10	CGM Metrics Predict Imminent Progression to Type 1 Diabetes: Autoimmunity Screening for Kids (ASK) Study. <i>Diabetes Care</i> , 2021 ,	14.6	2

9	Association between change in self-reported sugar intake and a sugar biomarker (II) in children at increased risk for type 1 diabetes. <i>Journal of Nutritional Science</i> , 2020 , 9, e16	2.7	1
8	The next big idea. <i>Diabetes Technology and Therapeutics</i> , 2013 , 15 Suppl 2, S2-29-S2-36	8.1	1
7	Dynamic changes in immune gene co-expression networks predict development of type 1 diabetes. <i>Scientific Reports</i> , 2021 , 11, 22651	4.9	1
6	Diabetes in Childhood 857-874		1
5	Maternal food consumption during late pregnancy and offspring risk of islet autoimmunity and type 1 diabetes. <i>Diabetologia</i> , 2021 , 64, 1604-1612	10.3	1
4	Novel autoantibodies to the Ecell surface epitopes of ZnT8 in patients progressing to type-1 diabetes. <i>Journal of Autoimmunity</i> , 2021 , 122, 102677	15.5	1
3	Phospholipid Levels at Seroconversion Are Associated With Resolution of Persistent Islet Autoimmunity: The Diabetes Autoimmunity Study in the Young. <i>Diabetes</i> , 2021 , 70, 1592-1601	0.9	0
2	Diabetes in Childhood 2016 , 877-895		
1	Simulating Screening for Risk of Childhood Diabetes: The Collaborative Open Outcomes tool (COOL). 2021 , 2021, 516-525	0.7	