

Leonard C Harrison

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3593036/publications.pdf>

Version: 2024-02-01

236
papers

12,424
citations

22132

59
h-index

31818

101
g-index

244
all docs

244
docs citations

244
times ranked

13521
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbial metabolites limit the frequency of autoimmune T cells and protect against type 1 diabetes. <i>Nature Immunology</i> , 2017, 18, 552-562.	7.0	551
2	Pro-Inflammatory CD11c+CD206+ Adipose Tissue Macrophages Are Associated With Insulin Resistance in Human Obesity. <i>Diabetes</i> , 2010, 59, 1648-1656.	0.3	521
3	Aerosol Insulin Induces Regulatory CD8 ⁺ T Cells That Prevent Murine Insulin-dependent Diabetes. <i>Journal of Experimental Medicine</i> , 1996, 184, 2167-2174.	4.2	313
4	Latent autoimmune diabetes in adults (LADA) should be less latent. <i>Diabetologia</i> , 2005, 48, 2206-2212.	2.9	294
5	Linkage disequilibrium of a type 1 diabetes susceptibility locus with a regulatory IL12B allele. <i>Nature Genetics</i> , 2001, 27, 218-221.	9.4	289
6	Antigen-induced regulatory T cells in autoimmunity. <i>Nature Reviews Immunology</i> , 2003, 3, 223-232.	10.6	284
7	DIURNAL RHYTHMS OF PRO-INFLAMMATORY CYTOKINES: REGULATION BY PLASMA CORTISOL AND THERAPEUTIC IMPLICATIONS. <i>Cytokine</i> , 1998, 10, 307-312.	1.4	267
8	Human Dendritic Cell Subsets from Spleen and Blood Are Similar in Phenotype and Function but Modified by Donor Health Status. <i>Journal of Immunology</i> , 2011, 186, 6207-6217.	0.4	208
9	Insulin resistance is a risk factor for progression to Type 1 diabetes. <i>Diabetologia</i> , 2004, 47, 1661-1667.	2.9	203
10	The insulin A-chain epitope recognized by human T cells is posttranslationally modified. <i>Journal of Experimental Medicine</i> , 2005, 202, 1191-1197.	4.2	201
11	Responses against islet antigens in NOD mice are prevented by tolerance to proinsulin but not IGRP. <i>Journal of Clinical Investigation</i> , 2006, 116, 3258-3265.	3.9	197
12	T-Cell Epitopes in Type 1 Diabetes Autoantigen Tyrosine Phosphatase IA-2: Potential for Mimicry with Rotavirus and Other Environmental Agents. <i>Molecular Medicine</i> , 1998, 4, 231-239.	1.9	194
13	The Rising Incidence of Type 1 Diabetes Is Accounted for by Cases With Lower-Risk Human Leukocyte Antigen Genotypes. <i>Diabetes Care</i> , 2008, 31, 1546-1549.	4.3	191
14	The Chronobiology of Human Cytokine Production. <i>International Reviews of Immunology</i> , 1998, 16, 635-649.	1.5	186
15	Pancreatic β -Cell Function and Immune Responses to Insulin After Administration of Intranasal Insulin to Humans At Risk for Type 1 Diabetes. <i>Diabetes Care</i> , 2004, 27, 2348-2355.	4.3	178
16	Neural network-based prediction of candidate T-cell epitopes. <i>Nature Biotechnology</i> , 1998, 16, 966-969.	9.4	173
17	A sensitive method for detecting proliferation of rare autoantigen-specific human T cells. <i>Journal of Immunological Methods</i> , 2003, 283, 173-183.	0.6	159
18	Conditional Expression Demonstrates the Role of the Homeodomain Transcription Factor Pdx1 in Maintenance and Regeneration of β -Cells in the Adult Pancreas. <i>Diabetes</i> , 2005, 54, 2586-2595.	0.3	150

#	ARTICLE	IF	CITATIONS
19	Plasmid-Encoded Proinsulin Preserves C-Peptide While Specifically Reducing Proinsulin-Specific CD8 ⁺ T Cells in Type 1 Diabetes. <i>Science Translational Medicine</i> , 2013, 5, 191ra82.	5.8	149
20	T cell regulation mediated by interaction of soluble CD52 with the inhibitory receptor Siglec-10. <i>Nature Immunology</i> , 2013, 14, 741-748.	7.0	145
21	Cow's milk and type 1 diabetes: the real debate is about mucosal immune function. <i>Diabetes</i> , 1999, 48, 1501-1507.	0.3	138
22	SPAK, a STE20/SPS1-related kinase that activates the p38 pathway. <i>Oncogene</i> , 2000, 19, 4290-4297.	2.6	137
23	Advanced Glycation End Products Are Direct Modulators of β 2-Cell Function. <i>Diabetes</i> , 2011, 60, 2523-2532.	0.3	135
24	A Randomized Controlled Trial of High-Dose Vitamin D2 Followed by Intranasal Insulin in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 477-484.	1.2	133
25	IL-18 Production from the NLRP1 Inflammasome Prevents Obesity and Metabolic Syndrome. <i>Cell Metabolism</i> , 2016, 23, 155-164.	7.2	133
26	C-Peptide Measurement: Methods and Clinical Utility. <i>CRC Critical Reviews in Clinical Laboratory Sciences</i> , 1984, 19, 297-352.	1.0	120
27	The Potential Roles of Endogenous Retroviruses in Autoimmunity. <i>Immunological Reviews</i> , 1996, 152, 193-236.	2.8	119
28	Genome-wide DNA methylation analysis identifies hypomethylated genes regulated by FOXP3 in human regulatory T cells. <i>Blood</i> , 2013, 122, 2823-2836.	0.6	114
29	T-cell antigen receptor transmembrane peptides modulate T-cell function and T cell-mediated disease. <i>Nature Medicine</i> , 1997, 3, 84-88.	15.2	113
30	The polycomb repressive complex 2 governs life and death of peripheral T cells. <i>Blood</i> , 2014, 124, 737-749.	0.6	111
31	Innate and Adaptive Immune Responses to Nonvascular Xenografts: Evidence That Macrophages Are Direct Effectors of Xenograft Rejection. <i>Journal of Immunology</i> , 2001, 166, 2133-2140.	0.4	110
32	Understanding autoimmune diabetes: insights from mouse models. <i>Trends in Molecular Medicine</i> , 2002, 8, 31-38.	3.5	109
33	Islet cell antigens in insulin-dependent diabetes: Pandora's box revisited. <i>Trends in Immunology</i> , 1992, 13, 348-352.	7.5	106
34	Evidence That Nasal Insulin Induces Immune Tolerance to Insulin in Adults With Autoimmune Diabetes. <i>Diabetes</i> , 2011, 60, 1237-1245.	0.3	106
35	Antigen-specific therapy for autoimmune disease. <i>Current Opinion in Immunology</i> , 2000, 12, 704-711.	2.4	104
36	Evidence That a Peptide Spanning the B-C Junction of Proinsulin Is an Early Autoantigen Epitope in the Pathogenesis of Type 1 Diabetes. <i>Journal of Immunology</i> , 2001, 167, 4926-4935.	0.4	100

#	ARTICLE	IF	CITATIONS
37	Evidence for Molecular Mimicry between Human T Cell Epitopes in Rotavirus and Pancreatic Islet Autoantigens. <i>Journal of Immunology</i> , 2010, 184, 2204-2210.	0.4	100
38	Transfer of hematopoietic stem cells encoding autoantigen prevents autoimmune diabetes. <i>Journal of Clinical Investigation</i> , 2003, 111, 1357-1363.	3.9	98
39	Association of Rotavirus Vaccination With the Incidence of Type 1 Diabetes in Children. <i>JAMA Pediatrics</i> , 2019, 173, 280.	3.3	97
40	Similar Peptides from Two Î² Cell Autoantigens, Proinsulin and Glutamic Acid Decarboxylase, Stimulate T Cells of Individuals at Risk for Insulin-Dependent Diabetes. <i>Molecular Medicine</i> , 1995, 1, 625-633.	1.9	96
41	A Peptide-binding Motif for I-Ag7, the Class II Major Histocompatibility Complex (MHC) Molecule of NOD and Biozzi AB/H Mice. <i>Journal of Experimental Medicine</i> , 1997, 185, 1013-1022.	4.2	92
42	Definition of High-Risk Type 1 Diabetes HLA-DR and HLA-DQ Types Using Only Three Single Nucleotide Polymorphisms. <i>Diabetes</i> , 2013, 62, 2135-2140.	0.3	89
43	Disabling an integral CTL epitope allows suppression of autoimmune diabetes by intranasal proinsulin peptide. <i>Journal of Clinical Investigation</i> , 2003, 111, 1365-1371.	3.9	89
44	Weight Gain in Early Life Predicts Risk of Islet Autoimmunity in Children With a First-Degree Relative With Type 1 Diabetes. <i>Diabetes Care</i> , 2009, 32, 94-99.	4.3	88
45	Gut microbiome dysbiosis and increased intestinal permeability in children with islet autoimmunity and type 1 diabetes: A prospective cohort study. <i>Pediatric Diabetes</i> , 2019, 20, 574-583.	1.2	86
46	HLA antigens and age at diagnosis of insulin-dependent diabetes mellitus. <i>Human Immunology</i> , 1995, 42, 116-122.	1.2	85
47	Distinct Distribution of Laminin and Its Integrin Receptors in the Pancreas. <i>Journal of Histochemistry and Cytochemistry</i> , 2002, 50, 1625-1632.	1.3	81
48	Cord blood monocyte-derived inflammatory cytokines suppress IL-2 and induce nonclassic H ₂ -type immunity associated with development of food allergy. <i>Science Translational Medicine</i> , 2016, 8, 321ra8.	5.8	80
49	Guidelines for Intervention Trials in Subjects With Newly Diagnosed Type 1 Diabetes. <i>Diabetes</i> , 2003, 52, 1059-1065.	0.3	76
50	Regulation of MHC Protein Expression in Pancreatic Î²-Cells by Interferon-Î³ and Tumor Necrosis Factor-Î±. <i>Molecular Endocrinology</i> , 1988, 2, 101-107.	3.7	73
51	Immune Modulation by Vitamin D and Its Relevance to Food Allergy. <i>Nutrients</i> , 2015, 7, 6088-6108.	1.7	73
52	TCRÎ³Î± Intraepithelial Lymphocytes Are Required for Self-Tolerance. <i>Journal of Immunology</i> , 2006, 176, 6553-6559.	0.4	72
53	Gut microbiota composition during infancy and subsequent behavioural outcomes. <i>EBioMedicine</i> , 2020, 52, 102640.	2.7	72
54	Increased Generation of Dendritic Cells from Myeloid Progenitors in Autoimmune-Prone Nonobese Diabetic Mice. <i>Journal of Immunology</i> , 2002, 168, 5032-5041.	0.4	70

#	ARTICLE	IF	CITATIONS
55	Analysis of Families at Risk for Insulin-Dependent Diabetes Mellitus Reveals that HLA Antigens Influence Progression to Clinical Disease. <i>Molecular Medicine</i> , 1995, 1, 576-582.	1.9	69
56	EVIDENCE THAT MACROPHAGES ARE REQUIRED FOR T-CELL INFILTRATION AND REJECTION OF FETAL PIG PANCREAS XENOGRAFTS IN NONOBESE DIABETIC MICE ¹ . <i>Transplantation</i> , 1998, 66, 1407-1416.	0.5	66
57	Production of IGF-binding proteins by vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1987, 148, 734-739.	1.0	63
58	Progenitor cells in the adult pancreas. <i>Diabetes/Metabolism Research and Reviews</i> , 2004, 20, 13-27.	1.7	63
59	Cytokine-based human whole blood assay for the detection of antigen-reactive T cells. <i>Journal of Immunological Methods</i> , 1995, 186, 37-46.	0.6	60
60	The Beta Cell in Autoimmune Diabetes: Many Mechanisms and Pathways of Loss. <i>Trends in Endocrinology and Metabolism</i> , 2000, 11, 11-15.	3.1	60
61	Proinsulin is a pathogenic autoantigen in type 1 diabetes. <i>Autoimmunity Reviews</i> , 2003, 2, 204-210.	2.5	60
62	MINIREVIEW: Cytokines: An Expanding Network of Immuno-Inflammatory Hormones. <i>Molecular Endocrinology</i> , 1988, 2, 1151-1156.	3.7	59
63	MHCPEP: a database of MHC-binding peptides. <i>Nucleic Acids Research</i> , 1994, 22, 3663-3665.	6.5	59
64	Environmental determinants of islet autoimmunity (ENDIA): a pregnancy to early life cohort study in children at-risk of type 1 diabetes. <i>BMC Pediatrics</i> , 2013, 13, 124.	0.7	59
65	Interferon- γ Induces the Expression of HLA-A,B,C but Not HLA-DR on Human Pancreatic β -Cells*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986, 62, 1101-1109.	1.8	58
66	Reduction in insulinitis following administration of IFN- γ and TNF- α in the NOD mouse. <i>Journal of Autoimmunity</i> , 1991, 4, 249-262.	3.0	56
67	Type 1 diabetes: Lessons for other autoimmune diseases?. <i>Journal of Autoimmunity</i> , 2008, 31, 306-310.	3.0	55
68	CD52 glycan binds the proinflammatory B box of HMGB1 to engage the Siglec-10 receptor and suppress human T cell function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7783-7788.	3.3	55
69	An efficient method for cloning human autoantigen-specific T cells. <i>Journal of Immunological Methods</i> , 2005, 298, 83-92.	0.6	53
70	Fms-like tyrosine kinase 3 ligand administration overcomes a genetically determined dendritic cell deficiency in NOD mice and protects against diabetes development. <i>International Immunology</i> , 2005, 17, 307-314.	1.8	53
71	Retroviral Superantigens and Type 1 Diabetes Mellitus. <i>Cell</i> , 1998, 95, 9-11.	13.5	52
72	Autoimmunity to Both Proinsulin and IGRP Is Required for Diabetes in Nonobese Diabetic 8.3 TCR Transgenic Mice. <i>Journal of Immunology</i> , 2008, 180, 4458-4464.	0.4	51

#	ARTICLE	IF	CITATIONS
73	Growth of Rotaviruses in Primary Pancreatic Cells. <i>Journal of Virology</i> , 2002, 76, 9537-9544.	1.5	49
74	Autoimmune Diabetes Is Suppressed by Transfer of Proinsulin-Encoding Gr-1+ Myeloid Progenitor Cells That Differentiate In Vivo Into Resting Dendritic Cells. <i>Diabetes</i> , 2005, 54, 434-442.	0.3	48
75	HLA-DRB1*15:01-DQA1*01:02-DQB1*06:02 Haplotype Protects Autoantibody-Positive Relatives From Type 1 Diabetes Throughout the Stages of Disease Progression. <i>Diabetes</i> , 2016, 65, 1109-1119.	0.3	48
76	Proinsulin C-peptide is an autoantigen in people with type 1 diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10732-10737.	3.3	47
77	Disabling an integral CTL epitope allows suppression of autoimmune diabetes by intranasal proinsulin peptide. <i>Journal of Clinical Investigation</i> , 2003, 111, 1365-1371.	3.9	47
78	Intranasal Vaccination with Proinsulin DNA Induces Regulatory CD4+ T Cells That Prevent Experimental Autoimmune Diabetes. <i>Journal of Immunology</i> , 2006, 176, 4608-4615.	0.4	46
79	Vaccination against self to prevent autoimmune disease: the type 1 diabetes model. <i>Immunology and Cell Biology</i> , 2008, 86, 139-145.	1.0	46
80	Autoreactive T cells in chronic spontaneous urticaria target the IgE Fc receptor β subunit. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 761-768.e4.	1.5	46
81	Influence of fecal collection conditions and 16S rRNA gene sequencing at two centers on human gut microbiota analysis. <i>Scientific Reports</i> , 2018, 8, 4386.	1.6	46
82	Metabolite-based dietary supplementation in human type 1 diabetes is associated with microbiota and immune modulation. <i>Microbiome</i> , 2022, 10, 9.	4.9	46
83	The Melbourne Pre- β Diabetes Study: prediction of type 1 diabetes mellitus using antibody and metabolic testing. <i>Medical Journal of Australia</i> , 1998, 169, 81-84.	0.8	45
84	Risk assessment, prediction and prevention of type 1 diabetes. <i>Pediatric Diabetes</i> , 2001, 2, 71-82.	1.2	45
85	Identification of Pancreatic β Cell-Related Genes by Representational Difference Analysis. <i>Endocrinology</i> , 1997, 138, 1419-1426.	1.4	44
86	Reappraising the stereotypes of diabetes in the modern diabetogenic environment. <i>Nature Reviews Endocrinology</i> , 2009, 5, 483-489.	4.3	44
87	Characterization of pancreatic T lymphocytes associated with beta cell destruction in the non-obese diabetic (NOD) mouse. <i>Journal of Autoimmunity</i> , 1991, 4, 263-276.	3.0	43
88	Innate immunity and graft rejection. <i>Immunological Reviews</i> , 2000, 173, 141-147.	2.8	43
89	Antibodies to Glutamic Acid Decarboxylase in At-risk and Clinical Insulin-dependent Diabetic Subjects: Relationship to Age, Sex and Islet Cell Antibody Status, and Temporal Profile. <i>Journal of Autoimmunity</i> , 1994, 7, 55-66.	3.0	42
90	MicroRNAs in CD4 + T cell subsets are markers of disease risk and T cell dysfunction in individuals at risk for type 1 diabetes. <i>Journal of Autoimmunity</i> , 2016, 68, 52-61.	3.0	42

#	ARTICLE	IF	CITATIONS
91	CD52 inhibits Toll-like receptor activation of NF- κ B and triggers apoptosis to suppress inflammation. <i>Cell Death and Differentiation</i> , 2018, 25, 392-405.	5.0	42
92	Trials in type 1 diabetes: Antigen-specific therapies. <i>Clinical Immunology</i> , 2013, 149, 345-355.	1.4	40
93	Bone morphogenetic proteins promote development of fetal pancreas epithelial colonies containing insulin-positive cells. <i>Journal of Cell Science</i> , 2002, 115, 753-60.	1.2	40
94	TCR-mediated activation promotes GITR upregulation in T cells and resistance to glucocorticoid-induced death. <i>International Immunology</i> , 2004, 16, 1315-1321.	1.8	38
95	Cognate CD4+ Help Elicited by Resting Dendritic Cells Does Not Impair the Induction of Peripheral Tolerance in CD8+ T Cells. <i>Journal of Immunology</i> , 2007, 178, 2094-2103.	0.4	38
96	Rotavirus Infection Induces Transient Pancreatic Involution and Hyperglycemia in Weanling Mice. <i>PLoS ONE</i> , 2014, 9, e106560.	1.1	38
97	Cloning and partial nucleotide sequence of human glutamic acid decarboxylase cDNA from brain and pancreatic islets. <i>Biochemical and Biophysical Research Communications</i> , 1991, 176, 1239-1244.	1.0	37
98	Antigen-Based Vaccination and Prevention of Type 1 Diabetes. <i>Current Diabetes Reports</i> , 2013, 13, 616-623.	1.7	36
99	Maternal prenatal gut microbiota composition predicts child behaviour. <i>EBioMedicine</i> , 2021, 68, 103400.	2.7	36
100	Transient blockade of CD40 ligand dissociates pathogenic from protective mucosal immunity. <i>Journal of Clinical Investigation</i> , 2002, 109, 261-267.	3.9	36
101	Stabilization of glucose transporter mRNA by insulin/IGF-1 and glucose deprivation. <i>Biochemical and Biophysical Research Communications</i> , 1990, 171, 210-215.	1.0	35
102	Forward light scatter is a simple measure of T-cell activation and proliferation but is not universally suited for doublet discrimination. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 646-652.	1.1	35
103	β -Cell Apoptosis in an Accelerated Model of Autoimmune Diabetes. <i>Molecular Medicine</i> , 1998, 4, 495-501.	1.9	34
104	IgG subclass antibodies to glutamic acid decarboxylase and risk for progression to clinical insulin-dependent diabetes. <i>Human Immunology</i> , 1998, 59, 493-499.	1.2	33
105	Interleukin- β Produced in Response to Islet Autoantigen Presentation Differentiates T-Helper 17 Cells at the Expense of Regulatory T-Cells. <i>Diabetes</i> , 2011, 60, 248-257.	0.3	33
106	Persistence of recipient lymphocytes in NOD mice after irradiation and bone marrow transplantation. <i>Journal of Autoimmunity</i> , 2004, 22, 131-138.	3.0	32
107	Activated Protein C Inhibits Pancreatic Islet Inflammation, Stimulates T Regulatory Cells, and Prevents Diabetes in Non-obese Diabetic (NOD) Mice. <i>Journal of Biological Chemistry</i> , 2012, 287, 16356-16364.	1.6	32
108	A randomised controlled trial of high dose vitamin D in recent-onset type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2014, 106, 576-582.	1.1	32

#	ARTICLE	IF	CITATIONS
109	Distinct Gut Virome Profile of Pregnant Women With Type 1 Diabetes in the ENDIA Study. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz025.	0.4	32
110	Antibody-mediated inhibition of FXIIa blocks downstream bradykinin generation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1355-1358.	1.5	31
111	Cytotoxic T Cells to an Epitope in the Islet Autoantigen IA-2 Are Not Disease-Specific. <i>Clinical Immunology</i> , 2001, 99, 360-364.	1.4	30
112	Revisiting regulatory T cells in type 1 diabetes. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2012, 19, 271-278.	1.2	30
113	A Clinical Screening Tool Identifies Autoimmune Diabetes in Adults. <i>Diabetes Care</i> , 2006, 29, 970-975.	4.3	30
114	High T Cell Responses to the Glutamic Acid Decarboxylase (GAD) Isoform 67 Reflect a Hyperimmune State that Precedes the Onset of Insulin-Dependent Diabetes. <i>Journal of Autoimmunity</i> , 1997, 10, 165-173.	3.0	29
115	Rebranding asymptomatic type 1 diabetes: the case for autoimmune beta cell disorder as a pathological and diagnostic entity. <i>Diabetologia</i> , 2017, 60, 35-38.	2.9	28
116	HLA Class II-associated polymorphism of interferon- γ production implications for HLA-disease association. <i>Human Immunology</i> , 1997, 53, 12-16.	1.2	27
117	Vascularized tissue-engineered chambers promote survival and function of transplanted islets and improve glycemic control. <i>FASEB Journal</i> , 2006, 20, 565-567.	0.2	27
118	Generation and expansion of regulatory human CD4+ T-cell clones specific for pancreatic islet autoantigens. <i>Journal of Autoimmunity</i> , 2011, 36, 47-55.	3.0	27
119	Chromatography of serum on Sep-pak C18 corrects falsely elevated vitamin D metabolite levels measured by protein binding assay. <i>Clinica Chimica Acta</i> , 1988, 176, 169-178.	0.5	26
120	Chronic Stimulation of Glucose Transporter Gene Expression in L6 Myocytes Mediated via the Insulin-like Growth Factor-1 Receptor. <i>Molecular Endocrinology</i> , 1989, 3, 2128-2135.	3.7	26
121	The Dexamethasone Suppression Test in Anorexia Nervosa the Influence of Weight, Depression, Adrenocorticotrophic Hormone and Dexamethasone. <i>British Journal of Psychiatry</i> , 1990, 157, 713-717.	1.7	26
122	Dendritic Cells Generated from Human Blood in Granulocyte Macrophage-Colony Stimulating Factor and Interleukin-7. <i>Human Immunology</i> , 1997, 55, 103-116.	1.2	26
123	The motif for peptide binding to the insulin-dependent diabetes mellitus-associated class II MHC molecule I-Ag7 validated by phage display library. <i>International Immunology</i> , 2000, 12, 493-503.	1.8	26
124	Multi-level remodelling of chromatin underlying activation of human T cells. <i>Scientific Reports</i> , 2021, 11, 528.	1.6	26
125	Laminin-1 and epidermal growth factor family members co-stimulate fetal pancreas cell proliferation and colony formation. <i>Differentiation</i> , 2005, 73, 45-49.	1.0	25
126	Preclinical screening for acute toxicity of therapeutic monoclonal antibodies in a hu-SCID model. <i>Clinical and Translational Immunology</i> , 2014, 3, e29.	1.7	25

#	ARTICLE	IF	CITATIONS
127	Localization of dipeptidyl peptidase-4 (CD26) to human pancreatic ducts and islet alpha cells. <i>Diabetes Research and Clinical Practice</i> , 2015, 110, 291-300.	1.1	25
128	Naïve regulatory T cells in infancy: Associations with perinatal factors and development of food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1760-1768.	2.7	24
129	Cytokines activate caspase-3 in insulinoma cells of diabetes-prone NOD mice directly and via upregulation of Fas. <i>Journal of Autoimmunity</i> , 2004, 23, 301-309.	3.0	23
130	Convergence of bone morphogenetic protein and laminin-1 signaling pathways promotes proliferation and colony formation by fetal mouse pancreatic cells. <i>Experimental Cell Research</i> , 2005, 308, 114-122.	1.2	23
131	The Effector T Cell Response to Ryegrass Pollen Is Counterregulated by Simultaneous Induction of Regulatory T Cells. <i>Journal of Immunology</i> , 2010, 184, 4708-4716.	0.4	23
132	Type 1 diabetes in pregnancy is associated with distinct changes in the composition and function of the gut microbiome. <i>Microbiome</i> , 2021, 9, 167.	4.9	23
133	Nesidioblastosis and Multifocal Pancreatic Islet Cell Hyperplasia in an Adult: Clinicopathologic Features and In Vitro Pancreatic. <i>American Journal of Clinical Pathology</i> , 1985, 84, 534-541.	0.4	22
134	Viruses and cytokines: Evidence for multiple roles in pancreatic beta cell destruction in type 1 insulin-dependent diabetes mellitus. <i>Journal of Cellular Biochemistry</i> , 1989, 40, 57-66.	1.2	22
135	Pancreatic Beta Cell Proliferation in Rabbits Demonstrated by Bromodeoxyuridine Labeling. <i>Pancreas</i> , 1989, 4, 594-600.	0.5	22
136	Natural History of Humoral Immunity to Glutamic Acid Decarboxylase in Non-Obese Diabetic (NOD) Mice. <i>Journal of Autoimmunity</i> , 1994, 7, 643-653.	3.0	22
137	Beta cell function in type 1 diabetes determined from clinical and fasting biochemical variables. <i>Diabetologia</i> , 2019, 62, 33-40.	2.9	22
138	Extreme disruption of heterochromatin is required for accelerated hematopoietic aging. <i>Blood</i> , 2020, 135, 2049-2058.	0.6	22
139	Anti-CD2 producing pig xenografts effect localized depletion of human T cells in a huSCID model. <i>Xenotransplantation</i> , 2013, 20, 100-109.	1.6	20
140	The Parahox gene Pdx1 is required to maintain positional identity in the adult foregut. <i>International Journal of Developmental Biology</i> , 2013, 57, 391-398.	0.3	20
141	Type 1 Diabetes Prevention: A Goal Dependent on Accepting a Diagnosis of an Asymptomatic Disease. <i>Diabetes</i> , 2016, 65, 3233-3239.	0.3	20
142	Interferon- β : pleiotropic effects on a rat pancreatic beta cell line. <i>Molecular and Cellular Endocrinology</i> , 1987, 52, 161-167.	1.6	19
143	Harp (harmonin-interacting, ankyrin repeat-containing protein), a novel protein that interacts with harmonin in epithelial tissues. <i>Genes To Cells</i> , 2004, 9, 967-982.	0.5	19
144	CD4+T Cell Proliferation in Response to GAD and Proinsulin in Healthy, Pre-diabetic, and Diabetic Donors. <i>Annals of the New York Academy of Sciences</i> , 2004, 1037, 16-21.	1.8	19

#	ARTICLE	IF	CITATIONS
145	The origin of thymic CD4+CD25+ regulatory T cells and their co-stimulatory requirements are determined after elimination of recirculating peripheral CD4+ cells. <i>International Immunology</i> , 2007, 19, 455-463.	1.8	19
146	Genome-wide analysis reveals no evidence of trans chromosomal regulation of mammalian immune development. <i>PLoS Genetics</i> , 2018, 14, e1007431.	1.5	19
147	Transcription and translation of two glutamate decarboxylase genes in the ileum of rat, mouse and guinea pig. <i>Journal of the Autonomic Nervous System</i> , 1995, 55, 18-28.	1.9	18
148	The Prospect of Vaccination to Prevent Type 1 Diabetes. <i>Hum Vaccin</i> , 2005, 1, 143-150.	2.4	18
149	Does rotavirus turn on type 1 diabetes?. <i>PLoS Pathogens</i> , 2019, 15, e1007965.	2.1	18
150	Pancreas size and exocrine function is decreased in young children with recent onset Type 1 diabetes. <i>Diabetic Medicine</i> , 2020, 37, 1340-1343.	1.2	18
151	Endocrine cells develop within pancreatic bud-like structures derived from mouse ES cells differentiated in response to BMP4 and retinoic acid. <i>Stem Cell Research</i> , 2007, 1, 25-36.	0.3	17
152	Transient blockade of CD40 ligand dissociates pathogenic from protective mucosal immunity. <i>Journal of Clinical Investigation</i> , 2002, 109, 261-267.	3.9	17
153	Both T _H 1 and T _H 2 Cytokine mRNAs are Expressed in the NOD Mouse Pancreas <i>in vivo</i> . <i>Autoimmunity</i> , 1996, 23, 99-110.	1.2	16
154	Adult Pancreas Side Population Cells Expand after Î² Cell Injury and Are a Source of Insulin-Secreting Cells. <i>PLoS ONE</i> , 2012, 7, e48977.	1.1	16
155	Mucosal Tolerance to Prevent Type 1 Diabetes: Can the Outcome Be Improved in Humans?. <i>Review of Diabetic Studies</i> , 2004, 1, 113-113.	0.5	16
156	Detection of cytomegalovirus by the polymerase chain reaction: A simple, rapid and sensitive non-radioactive method. <i>Medical Journal of Australia</i> , 1991, 154, 383-385.	0.8	15
157	A 64 kDa antigen/glutamic acid decarboxylase (GAD) in fetal pig pro-islets: Co-precipitation with a 38 kDa protein and recognition by T cells in humans at risk for insulin-dependent diabetes. <i>Journal of Autoimmunity</i> , 1992, 5, 759-770.	3.0	15
158	Glutamic acid decarboxylase in insulin-dependent diabetes mellitus. <i>Diabetes/metabolism Reviews</i> , 1992, 8, 133-147.	0.4	15
159	Characterization of ganglioside associated with the thyrotrophin receptor. <i>Glycobiology</i> , 1994, 4, 791-796.	1.3	15
160	Cytokine regulation of glutamate decarboxylase biosynthesis in isolated rat islets of Langerhans. <i>Biochemical Journal</i> , 1996, 317, 713-719.	1.7	15
161	Pancreatic Expression and Mitochondrial Localization of the Progestin-AdipoQ Receptor PAQR10. <i>Molecular Medicine</i> , 2008, 14, 697-704.	1.9	15
162	Siglec-10 expression is up-regulated in activated human CD4+ T cells. <i>Human Immunology</i> , 2020, 81, 101-104.	1.2	15

#	ARTICLE	IF	CITATIONS
163	Adult Human Pancreatic Islet Cells in Tissue Culture: Function and Immunoreactivity*. Journal of Clinical Endocrinology and Metabolism, 1985, 61, 681-685.	1.8	14
164	Homogeneous bivalent insulin receptor: Purification using insulin coupled to 1,1- ² -carbonyldiimidazole activated-agarose. Biochemical and Biophysical Research Communications, 1985, 132, 1059-1065.	1.0	14
165	Induction of the insulin receptor and other differentiation markers by sodium butyrate in the Burkitt lymphoma cell, Raji. Biochemical and Biophysical Research Communications, 1989, 161, 101-106.	1.0	14
166	Effects of dexfenfluramine of glucose turnover in non-insulin-dependent diabetes mellitus. Diabetes Research and Clinical Practice, 1994, 23, 127-134.	1.1	14
167	Do Glutamic Acid Decarboxylase Antibodies Improve the Prediction of IDDM in First-degree Relatives At Risk for IDDM?. Journal of Autoimmunity, 1994, 7, 873-879.	3.0	14
168	Anti-CD45RB antibody deters xenograft rejection by modulating T cell priming and homing. International Immunology, 2002, 14, 953-962.	1.8	14
169	Proinsulin is encoded by an RNA splice variant in human blood myeloid cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16430-16435.	3.3	14
170	Specific Sialoforms Required for the Immune Suppressive Activity of Human Soluble CD52. Frontiers in Immunology, 2019, 10, 1967.	2.2	14
171	Development of autoantibodies to islet antigens during childhood: implications for preclinical type 1 diabetes screening. Pediatric Diabetes, 2002, 3, 144-148.	1.2	12
172	Type 1 diabetes: a disease of developmental origins. Pediatric Diabetes, 2017, 18, 417-421.	1.2	12
173	Human Thyrotropin Receptor Subunits Characterized by Thyrotropin Affinity Purification and Western Blotting*. Journal of Clinical Endocrinology and Metabolism, 1989, 69, 134-141.	1.8	11
174	Cow's milk and IDDM. Lancet, The, 1996, 348, 905-906.	6.3	11
175	The Non-Immune RIP-kbMouse is a Useful Host for Islet Transplantation, as the Diabetes is Spontaneous, Mild and Predictable. International Journal of Experimental Diabetes Research, 2002, 3, 37-45.	1.0	11
176	Cord Blood CD8+ T Cells Have a Natural Propensity to Express IL-4 in a Fatty Acid Metabolism and Caspase Activation-Dependent Manner. Frontiers in Immunology, 2018, 9, 879.	2.2	11
177	FATALITIES DUE TO THE WEED-KILLER PARAQUAT. Medical Journal of Australia, 1972, 2, 774-777.	0.8	10
178	Homeostatic proliferation of intestinal intraepithelial lymphocytes precedes their migration to extra-intestinal sites. European Journal of Immunology, 2007, 37, 2226-2233.	1.6	10
179	Transcriptome of pancreas-specific Bmpr1a-deleted islets links to TPH1-5-HT axis. Biology Open, 2015, 4, 1016-1023.	0.6	10
180	Higher frequency of vertebrate-infecting viruses in the gut of infants born to mothers with type 1 diabetes. Pediatric Diabetes, 2020, 21, 271-279.	1.2	10

#	ARTICLE	IF	CITATIONS
181	Sialoglycan recognition is a common connection linking acidosis, zinc, and HMGB1 in sepsis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	10
182	Strategies for Identifying and Predicting Islet Autoantigen T-cell Epitopes in Insulin-dependent Diabetes Mellitus. Annals of Medicine, 1997, 29, 401-404.	1.5	9
183	Evidence from twins for acquired cellular immune hyperactivity in type 1 diabetes. Immunology, 2002, 106, 584-589.	2.0	9
184	The dark side of insulin: A primary autoantigen and instrument of self-destruction in type 1 diabetes. Molecular Metabolism, 2021, 52, 101288.	3.0	9
185	An Antibody-Based Leukocyte-Capture Microarray for the Diagnosis of Systemic Lupus Erythematosus. PLoS ONE, 2013, 8, e58199.	1.1	9
186	Changes in pancreatic exocrine function in young at-risk children followed to islet autoimmunity and type 1 diabetes in the <sc>ENDIA</sc> study. Pediatric Diabetes, 2020, 21, 945-949.	1.2	9
187	Emerging evidence that molecules expressed by mammalian tissue grafts are recognized by the innate immune system. Journal of Leukocyte Biology, 2002, 71, 401-9.	1.5	9
188	Immunoblotting for the detection of TSH receptor autoantibodies. Journal of Autoimmunity, 1991, 4, 529-542.	3.0	8
189	Chromosomes distribute randomly to, but not within, human neutrophil nuclear lobes. IScience, 2021, 24, 102161.	1.9	8
190	Simplifying prediction of disease progression in pre-symptomatic type 1 diabetes using a single blood sample. Diabetologia, 2021, 64, 2432-2444.	2.9	8
191	Lack of specificity of islet cell surface antibodies (ICSA) in IDDM. Diabetes Research and Clinical Practice, 1992, 17, 33-42.	1.1	7
192	Late-Onset Autoimmune Diabetes in Relatives of People with Type 1 Diabetes. Annals of the New York Academy of Sciences, 2003, 1005, 370-373.	1.8	7
193	Dominance of cytokine- over FasL-induced impairment of the mitochondrial transmembrane potential ($\Delta\psi_m$) in the pancreatic β -cell line NIT-1. Diabetes and Vascular Disease Research, 2008, 5, 198-204.	0.9	7
194	Extracellular signals and pancreatic beta-cell development: a brief review. Molecular Medicine, 2002, 8, 763-70.	1.9	7
195	Evidence for the Viral Aetiology of IDDM. Autoimmunity, 1997, 25, 251-252.	1.2	6
196	Women with type 1 diabetes exhibit a progressive increase in gut <i>Saccharomyces cerevisiae</i> in pregnancy associated with evidence of gut inflammation. Diabetes Research and Clinical Practice, 2022, 184, 109189.	1.1	6
197	Insulin receptor expression in burkitt lymphoma cell lines. International Journal of Cancer, 1989, 44, 467-473.	2.3	5
198	Antibodies to synovial antigens in recent-onset rheumatoid arthritis. Arthritis and Rheumatism, 1995, 38, 1418-1428.	6.7	5

#	ARTICLE	IF	CITATIONS
199	Characterization of the Human Pancreas Side Population as a Potential Reservoir of Adult Stem Cells. <i>Pancreas</i> , 2018, 47, 25-34.	0.5	5
200	Type 1 Diabetes. , 2019, , 957-966.e1.		5
201	Associations between diet, the gut microbiome and short chain fatty acids in youth with islet autoimmunity and type 1 diabetes. <i>Pediatric Diabetes</i> , 2021, 22, 425-433.	1.2	5
202	The impact of molecular biology on the practice of medicine. <i>Medical Journal of Australia</i> , 1987, 147, 17-28.	0.8	5
203	Insulin Receptor Expression in the Burkitt Lymphoma Cells Daudi and Raji. <i>Molecular Endocrinology</i> , 1989, 3, 597-602.	3.7	4
204	Detection of gangliosides by direct binding of <i>Limax flavus</i> agglutinin to thin layer chromatograms. <i>Glycoconjugate Journal</i> , 1990, 7, 75-84.	1.4	4
205	Enhanced insulin-receptor tyrosine kinase activity associated with chromosomal translocation (1;19) in a pre-B-cell leukemia line. <i>International Journal of Cancer</i> , 1992, 50, 500-504.	2.3	4
206	Insulin resistance in children and adolescents with type 1 diabetes mellitus: relation to obesity. <i>Pediatric Diabetes</i> , 2005, 6, 3-4.	1.2	4
207	Coding Error in Study of Rotavirus Vaccination and Type 1 Diabetes in Children. <i>JAMA Pediatrics</i> , 2019, 173, 894.	3.3	4
208	Association of Ganglioside with the TSH Receptor. <i>Trends in Glycoscience and Glycotechnology</i> , 1990, 2, 333-342.	0.0	4
209	(Pro)insulin-specific regulatory T cells. <i>Novartis Foundation Symposium</i> , 2003, 252, 132-41; discussion 141-5, 203-10.	1.2	4
210	A2B5-reactive ganglioside expression determines the differentiation stage and capacity of rat insulinoma (RIN) sublines. <i>Cell Differentiation and Development</i> , 1990, 32, 39-46.	0.4	3
211	Screening for preclinical type 1 diabetes in a discrete population with an apparent increased disease incidence. <i>Pediatric Diabetes</i> , 2000, 1, 193-198.	1.2	3
212	Insulin-specific vaccination for type 1 diabetes: a step closer?. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 834-837.	1.4	3
213	Clinical trial data validate the C-peptide estimate model in type 1 diabetes. <i>Diabetologia</i> , 2020, 63, 885-886.	2.9	3
214	Differential requirement for the Polycomb repressor complex 2 in dendritic cell and tissue-resident myeloid cell homeostasis. <i>Science Immunology</i> , 2021, 6, eabf7268.	5.6	3
215	Difference in Generating Mouse Pancreatic Epithelial Cell Colonies in Vitro. <i>Pancreas</i> , 2003, 27, 204-206.	0.5	2
216	(Pro)insulin-Specific Regulatory T Cells. <i>Novartis Foundation Symposium</i> , 2008, , 132-145.	1.2	2

#	ARTICLE	IF	CITATIONS
217	Characterization of a novel human BFL-1-specific monoclonal antibody. <i>Cell Death and Differentiation</i> , 2020, 27, 826-828.	5.0	2
218	Evaluation of protocol amendments to the Environmental Determinants of Islet Autoimmunity (ENDIA) study during the COVID-19 pandemic. <i>Diabetic Medicine</i> , 2021, 38, e14638.	1.2	2
219	Prevention of Autoimmune Disease: Type 1 Diabetes as a Paradigm. , 2006, , 1045-1062.		2
220	Cytotoxicity-Related Gene Expression and Chromatin Accessibility Define a Subset of CD4+ T Cells That Mark Progression to Type 1 Diabetes. <i>Diabetes</i> , 2022, 71, 566-577.	0.3	2
221	Transgenic approaches to understanding the role of MHC genes in insulin dependent diabetes mellitus I. Immune and non-immune mechanisms of I ² cell destruction. <i>Bailliere's Clinical Endocrinology and Metabolism</i> , 1991, 5, 439-448.	1.0	1
222	Does Insulin Resistance Need Resistin?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2036-2037.	1.8	1
223	Persistently autoantibody-negative type 1 diabetes: Rich pickings or much ado about nothing?. <i>Pediatric Diabetes</i> , 2011, 12, 139-141.	1.2	1
224	A pilot study of the feasibility of empagliflozin in recent-onset type 1 diabetes. <i>Metabolism Open</i> , 2020, 5, 100021.	1.4	1
225	Validation in the general population of a C-peptide estimate equation to measure beta cell function in recent-onset type 1 diabetes. <i>Acta Diabetologica</i> , 2021, 58, 115-117.	1.2	1
226	Expanding the taxonomic range in the fecal metagenome. <i>BMC Bioinformatics</i> , 2021, 22, 312.	1.2	1
227	DNA probes for presymptomatic diagnosis: keys to biological determinism?. <i>Medical Journal of Australia</i> , 1988, 148, 546-547.	0.8	1
228	Cytokines, Antigens and Regulation of Autoimmune Beta Cell Destruction in Non-Obese Diabetic (NOD) Mice. <i>Proceedings of the Japanese Society of Animal Models for Human Diseases</i> , 1995, 11, 1-1.	0.1	0
229	Insulinâ€dependent diabetes: now for some good news. <i>Medical Journal of Australia</i> , 1996, 165, 466-467.	0.8	0
230	High avidity antibodies to fetal pig pancreas endocrine cells transfer rejection but are not normally generated to fetal pig pancreas xenografts. <i>Xenotransplantation</i> , 2002, 9, 382-392.	1.6	0
231	Genetics of Diabetes in Childhood. , 2003, , 1-28.		0
232	Immunity to self co-generates regulatory T cells. <i>Nature Precedings</i> , 2008, , .	0.1	0
233	A novel population of regulatory CD4 t cells is deficient after stimulation by autoantigen in type 1 diabetes. <i>Pathology</i> , 2010, 42, S46-S47.	0.3	0
234	Rotavirus and Type 1 Diabetes. , 2013, , 177-186.		0

#	ARTICLE	IF	CITATIONS
235	Prevention of Autoimmune Disease. , 2014, , 1191-1208.		0
236	Prevention of Autoimmune Disease: The Type 1 Diabetes Paradigm. , 2020, , 1391-1413.		0