Leonard C Harrison

List of Publications by Year
in descending order

236 papers	12,424 citations	22153 59 h-index	31849 101 g-index
244 all docs	244 docs citations	244 times ranked	13521 citing authors

#	Article	IF	Citations
1	Metabolite-based dietary supplementation in human type 1 diabetes is associated with microbiota and immune modulation. Microbiome, 2022, 10, 9.	11.1	46
2	Cytotoxicity-Related Gene Expression and Chromatin Accessibility Define a Subset of CD4+ T Cells That Mark Progression to Type 1 Diabetes. Diabetes, 2022, 71, 566-577.	0.6	2
3	Women with type 1 diabetes exhibit a progressive increase in gut Saccharomyces cerevisiae in pregnancy associated with evidence of gut inflammation. Diabetes Research and Clinical Practice, 2022, 184, 109189.	2.8	6
4	Validation in the general population of a C-peptide estimate equation to measure beta cell function in recent-onset type 1 diabetes. Acta Diabetologica, 2021, 58, 115-117.	2.5	1
5	Multi-level remodelling of chromatin underlying activation of human T cells. Scientific Reports, 2021, 11, 528.	3.3	26
6	Associations between diet, the gut microbiome and short chain fatty acids in youth with islet autoimmunity and type 1 diabetes. Pediatric Diabetes, 2021, 22, 425-433.	2.9	5
7	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, .	7.1	10
8	Chromosomes distribute randomly to, but not within, human neutrophil nuclear lobes. IScience, 2021, 24, 102161.	4.1	8
9	Maternal prenatal gut microbiota composition predicts child behaviour. EBioMedicine, 2021, 68, 103400.	6.1	36
10	Expanding the taxonomic range in the fecal metagenome. BMC Bioinformatics, 2021, 22, 312.	2.6	1
11	Evaluation of protocol amendments to the Environmental Determinants of Islet Autoimmunity (ENDIA) study during the COVIDâ€19 pandemic. Diabetic Medicine, 2021, 38, e14638.	2.3	2
12	The dark side of insulin: A primary autoantigen and instrument of self-destruction in type 1 diabetes. Molecular Metabolism, 2021, 52, 101288.	6.5	9
13	Type 1 diabetes in pregnancy is associated with distinct changes in the composition and function of the gut microbiome. Microbiome, 2021, 9, 167.	11.1	23
14	Simplifying prediction of disease progression in pre-symptomatic type 1 diabetes using a single blood sample. Diabetologia, 2021, 64, 2432-2444.	6.3	8
15	Differential requirement for the Polycomb repressor complex 2 in dendritic cell and tissue-resident myeloid cell homeostasis. Science Immunology, 2021, 6, eabf7268.	11.9	3
16	Pancreas size and exocrine function is decreased in young children with recentâ€onset Type 1 diabetes. Diabetic Medicine, 2020, 37, 1340-1343.	2.3	18
17	Prevention of Autoimmune Disease: The Type 1 Diabetes Paradigm. , 2020, , 1391-1413.		0
18	Characterization of a novel human BFL-1-specific monoclonal antibody. Cell Death and Differentiation, 2020, 27, 826-828.	11.2	2

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19	Higher frequency of vertebrateâ€infecting viruses in the gut of infants born to mothers with type 1 diabetes. Pediatric Diabetes, 2020, 21, 271-279.	2.9	10
20	Extreme disruption of heterochromatin is required for accelerated hematopoietic aging. Blood, 2020, 135, 2049-2058.	1.4	22
21	A pilot study of the feasibility of empagliflozin in recent-onset type 1 diabetes. Metabolism Open, 2020, 5, 100021.	2.9	1
22	Gut microbiota composition during infancy and subsequent behavioural outcomes. EBioMedicine, 2020, 52, 102640.	6.1	72
23	Siglec-10 expression is up-regulated in activated human CD4+ T cells. Human Immunology, 2020, 81, 101-104.	2.4	15
24	Clinical trial data validate the C-peptide estimate model in type 1 diabetes. Diabetologia, 2020, 63, 885-886.	6.3	3
25	Changes in pancreatic exocrine function in young atâ€risk children followed to islet autoimmunity and type 1 diabetes in the <scp>ENDIA</scp> study. Pediatric Diabetes, 2020, 21, 945-949.	2.9	9
26	Type 1 Diabetes. , 2019, , 957-966.e1.		5
27	Coding Error in Study of Rotavirus Vaccination and Type 1 Diabetes in Children. JAMA Pediatrics, 2019, 173, 894.	6.2	4
28	Does rotavirus turn on type 1 diabetes?. PLoS Pathogens, 2019, 15, e1007965.	4.7	18
29	Specific Sialoforms Required for the Immune Suppressive Activity of Human Soluble CD52. Frontiers in Immunology, 2019, 10, 1967.	4.8	14
30	Association of Rotavirus Vaccination With the Incidence of Type 1 Diabetes in Children. JAMA Pediatrics, 2019, 173, 280.	6.2	97
31	Gut microbiome dysbiosis and increased intestinal permeability in children with islet autoimmunity and type 1 diabetes: A prospective cohort study. Pediatric Diabetes, 2019, 20, 574-583.	2.9	86
32	Distinct Gut Virome Profile of Pregnant Women With Type 1 Diabetes in the ENDIA Study. Open Forum Infectious Diseases, 2019, 6, ofz025.	0.9	32
33	NaÃ¯ve regulatory T cells in infancy: Associations with perinatal factors and development of food allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1760-1768.	5.7	24
34	Beta cell function in type 1 diabetes determined from clinical and fasting biochemical variables. Diabetologia, 2019, 62, 33-40.	6.3	22
35	Influence of fecal collection conditions and 16S rRNA gene sequencing at two centers on human gut microbiota analysis. Scientific Reports, 2018, 8, 4386.	3.3	46
36	CD52 inhibits Toll-like receptor activation of NF-ÎºB and triggers apoptosis to suppress inflammation. Cell Death and Differentiation, 2018, 25, 392-405.	11.2	42

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37	Characterization of the Human Pancreas Side Population as a Potential Reservoir of Adult Stem Cells. Pancreas, 2018, 47, 25-34.	1.1	5
38	Proinsulin C-peptide is an autoantigen in people with type 1 diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10732-10737.	7.1	47
39	Antibody-mediated inhibition of FXIIa blocks downstream bradykinin generation. Journal of Allergy and Clinical Immunology, 2018, 142, 1355-1358.	2.9	31
40	Cord Blood CD8+ T Cells Have a Natural Propensity to Express IL-4â€‰in a Fatty Acid Metabolism and Caspase Activation-Dependent Manner. Frontiers in Immunology, 2018, 9, 879.	4.8	11
41	CD52 glycan binds the proinflammatory B box of HMGB1 to engage the Siglec-10 receptor and suppress human T cell function. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7783-7788.	7.1	55
42	Genome-wide analysis reveals no evidence of trans chromosomal regulation of mammalian immune development. PLoS Genetics, 2018, 14, e1007431.	3.5	19
43	Gut microbial metabolites limit the frequency of autoimmune T cells and protect against type 1 diabetes. Nature Immunology, 2017, 18, 552-562.	14.5	551
44	Rebranding asymptomatic type 1 diabetes: the case for autoimmune beta cell disorder as a pathological and diagnostic entity. Diabetologia, 2017, 60, 35-38.	6.3	28
45	Type 1 diabetes: a disease of developmental origins. Pediatric Diabetes, 2017, 18, 417-421.	2.9	12
46	Type 1 Diabetes Prevention: A Goal Dependent on Accepting a Diagnosis of an Asymptomatic Disease. Diabetes, 2016, 65, 3233-3239.	0.6	20
47	Autoreactive T cells in chronic spontaneous urticaria target the IgE Fc receptor IÎ± subunit. Journal of Allergy and Clinical Immunology, 2016, 138, 761-768.e4.	2.9	46
48	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. Diabetes, 2016, 65, 1109-1119.	0.6	48
49	MicroRNAs in CD4 + T cell subsets are markers of disease risk and T cell dysfunction in individuals at risk for type 1 diabetes. Journal of Autoimmunity, 2016, 68, 52-61.	6.5	42
50	Cord blood monocyteâ€“derived inflammatory cytokines suppress IL-2 and induce nonclassic â€œT _H 2-typeâ€• immunity associated with development of food allergy. Science Translational Medicine, 2016, 8, 321ra8.	12.4	80
51	IL-18 Production from the NLRP1 Inflammasome Prevents Obesity and Metabolic Syndrome. Cell Metabolism, 2016, 23, 155-164.	16.2	133
52	Immune Modulation by Vitamin D and Its Relevance to Food Allergy. Nutrients, 2015, 7, 6088-6108.	4.1	73
53	Transcriptome of pancreas-specific Bmpr1a-deleted islets links to TPH1â€“5-HT axis. Biology Open, 2015, 4, 1016-1023.	1.2	10
54	Localization of dipeptidyl peptidase-4 (CD26) to human pancreatic ducts and islet alpha cells. Diabetes Research and Clinical Practice, 2015, 110, 291-300.	2.8	25

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55	Rotavirus Infection Induces Transient Pancreatic Involution and Hyperglycemia in Weanling Mice. PLoS ONE, 2014, 9, e106560.	2.5	38
56	Preclinical screening for acute toxicity of therapeutic monoclonal antibodies in a hu-SCID model. Clinical and Translational Immunology, 2014, 3, e29.	3.8	25
57	Prevention of Autoimmune Disease. , 2014, , 1191-1208.		0
58	A randomised controlled trial of high dose vitamin D in recent-onset type 2 diabetes. Diabetes Research and Clinical Practice, 2014, 106, 576-582.	2.8	32
59	The polycomb repressive complex 2 governs life and death of peripheral T cells. Blood, 2014, 124, 737-749.	1.4	111
60	Antiâ€<scp>CD</scp>2 producing pig xenografts effect localized depletion of human T cells in a hu<scp>SCID</scp> model. Xenotransplantation, 2013, 20, 100-109.	2.8	20
61	Rotavirus and Type 1 Diabetes. , 2013, , 177-186.		0
62	Antigen-Based Vaccination and Prevention of Type 1 Diabetes. Current Diabetes Reports, 2013, 13, 616-623.	4.2	36
63	Environmental determinants of islet autoimmunity (ENDIA): a pregnancy to early life cohort study in children at-risk of type 1 diabetes. BMC Pediatrics, 2013, 13, 124.	1.7	59
64	Trials in type 1 diabetes: Antigen-specific therapies. Clinical Immunology, 2013, 149, 345-355.	3.2	40
65	T cell regulation mediated by interaction of soluble CD52 with the inhibitory receptor Siglec-10. Nature Immunology, 2013, 14, 741-748.	14.5	145
66	Definition of High-Risk Type 1 Diabetes HLA-DR and HLA-DQ Types Using Only Three Single Nucleotide Polymorphisms. Diabetes, 2013, 62, 2135-2140.	0.6	89
67	Plasmid-Encoded Proinsulin Preserves C-Peptide While Specifically Reducing Proinsulin-Specific CD8 ⁺ T Cells in Type 1 Diabetes. Science Translational Medicine, 2013, 5, 191ra82.	12.4	149
68	Genome-wide DNA methylation analysis identifies hypomethylated genes regulated by FOXP3 in human regulatory T cells. Blood, 2013, 122, 2823-2836.	1.4	114
69	The Parahox gene Pdx1 is required to maintain positional identity in the adult foregut. International Journal of Developmental Biology, 2013, 57, 391-398.	0.6	20
70	An Antibody-Based Leukocyte-Capture Microarray for the Diagnosis of Systemic Lupus Erythematosus. PLoS ONE, 2013, 8, e58199.	2.5	9
71	Revisiting regulatory T cells in type 1 diabetes. Current Opinion in Endocrinology, Diabetes and Obesity, 2012, 19, 271-278.	2.3	30
72	Insulin-specific vaccination for type 1 diabetes: a step closer?. Human Vaccines and Immunotherapeutics, 2012, 8, 834-837.	3.3	3

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73	Activated Protein C Inhibits Pancreatic Islet Inflammation, Stimulates T Regulatory Cells, and Prevents Diabetes in Non-obese Diabetic (NOD) Mice. Journal of Biological Chemistry, 2012, 287, 16356-16364.	3.4	32
74	Adult Pancreas Side Population Cells Expand after Î² Cell Injury and Are a Source of Insulin-Secreting Cells. PLoS ONE, 2012, 7, e48977.	2.5	16
75	Advanced Glycation End Products Are Direct Modulators of Î²-Cell Function. Diabetes, 2011, 60, 2523-2532.	0.6	135
76	A Randomized Controlled Trial of High-Dose Vitamin D2 Followed by Intranasal Insulin in Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 26, 477-484.	2.6	133
77	Generation and expansion of regulatory human CD4+ T-cell clones specific for pancreatic islet autoantigens. Journal of Autoimmunity, 2011, 36, 47-55.	6.5	27
78	Persistently autoantibody-negative type 1 diabetes: Rich pickings or much ado about nothing?. Pediatric Diabetes, 2011, 12, 139-141.	2.9	1
79	Forward light scatter is a simple measure of Tâ€cell activation and proliferation but is not universally suited for doublet discrimination. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 646-652.	1.5	35
80	Human Dendritic Cell Subsets from Spleen and Blood Are Similar in Phenotype and Function but Modified by Donor Health Status. Journal of Immunology, 2011, 186, 6207-6217.	0.8	208
81	Evidence That Nasal Insulin Induces Immune Tolerance to Insulin in Adults With Autoimmune Diabetes. Diabetes, 2011, 60, 1237-1245.	0.6	106
82	Interleukin-1Î² Produced in Response to Islet Autoantigen Presentation Differentiates T-Helper 17 Cells at the Expense of Regulatory T-Cells. Diabetes, 2011, 60, 248-257.	0.6	33
83	A novel population of regulatory CD4 t cells is deficient after stimulation by autoantigen in type 1 diabetes. Pathology, 2010, 42, S46-S47.	0.6	0
84	Evidence for Molecular Mimicry between Human T Cell Epitopes in Rotavirus and Pancreatic Islet Autoantigens. Journal of Immunology, 2010, 184, 2204-2210.	0.8	100
85	The Effector T Cell Response to Ryegrass Pollen Is Counterregulated by Simultaneous Induction of Regulatory T Cells. Journal of Immunology, 2010, 184, 4708-4716.	0.8	23
86	Pro-Inflammatory CD11c+CD206+ Adipose Tissue Macrophages Are Associated With Insulin Resistance in Human Obesity. Diabetes, 2010, 59, 1648-1656.	0.6	521
87	Reappraising the stereotypes of diabetes in the modern diabetogenic environment. Nature Reviews Endocrinology, 2009, 5, 483-489.	9.6	44
88	Weight Gain in Early Life Predicts Risk of Islet Autoimmunity in Children With a First-Degree Relative With Type 1 Diabetes. Diabetes Care, 2009, 32, 94-99.	8.6	88
89	Vaccination against self to prevent autoimmune disease: the type 1 diabetes model. Immunology and Cell Biology, 2008, 86, 139-145.	2.3	46
90	Type 1 diabetes: Lessons for other autoimmune diseases?. Journal of Autoimmunity, 2008, 31, 306-310.	6.5	55

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91	Autoimmunity to Both Proinsulin and IGRP Is Required for Diabetes in Nonobese Diabetic 8.3 TCR Transgenic Mice. Journal of Immunology, 2008, 180, 4458-4464.	0.8	51
92	The Rising Incidence of Type 1 Diabetes Is Accounted for by Cases With Lower-Risk Human Leukocyte Antigen Genotypes. Diabetes Care, 2008, 31, 1546-1549.	8.6	191
93	Dominance of cytokine- over FasL-induced impairment of the mitochondrial transmembrane potential (Î”Î¨m) in the pancreatic Î²-cell line NIT-1. Diabetes and Vascular Disease Research, 2008, 5, 198-204.	2.0	7
94	(Pro)insulin-Specific Regulatory T Cells. Novartis Foundation Symposium, 2008, , 132-145.	1.1	2
95	Immunity to self co-generates regulatory T cells. Nature Precedings, 2008, , .	0.1	0
96	Pancreatic Expression and Mitochondrial Localization of the Progestin-AdipoQ Receptor PAQR10. Molecular Medicine, 2008, 14, 697-704.	4.4	15
97	The origin of thymic CD4+CD25+ regulatory T cells and their co-stimulatory requirements are determined after elimination of recirculating peripheral CD4+ cells. International Immunology, 2007, 19, 455-463.	4.0	19
98	Does Insulin Resistance Need Resistin?. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2036-2037.	3.6	1
99	Cognate CD4+ Help Elicited by Resting Dendritic Cells Does Not Impair the Induction of Peripheral Tolerance in CD8+ T Cells. Journal of Immunology, 2007, 178, 2094-2103.	0.8	38
100	Homeostatic proliferation of intestinal intraepithelial lymphocytes precedes their migration to extra-intestinal sites. European Journal of Immunology, 2007, 37, 2226-2233.	2.9	10
101	Endocrine cells develop within pancreatic bud-like structures derived from mouse ES cells differentiated in response to BMP4 and retinoic acid. Stem Cell Research, 2007, 1, 25-36.	0.7	17
102	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.	7.1	14
103	Intranasal Vaccination with Proinsulin DNA Induces Regulatory CD4+ T Cells That Prevent Experimental Autoimmune Diabetes. Journal of Immunology, 2006, 176, 4608-4615.	0.8	46
104	Vascularized tissueâ€engineered chambers promote survival and function of transplanted islets and improve glycemic control. FASEB Journal, 2006, 20, 565-567.	0.5	27
105	TCRÎ³Î´ Intraepithelial Lymphocytes Are Required for Self-Tolerance. Journal of Immunology, 2006, 176, 6553-6559.	0.8	72
106	Prevention of Autoimmune Disease: Type 1 Diabetes as a Paradigm. , 2006, , 1045-1062.		2
107	Responses against islet antigens in NOD mice are prevented by tolerance to proinsulin but not IGRP. Journal of Clinical Investigation, 2006, 116, 3258-3265.	8.2	197
108	A Clinical Screening Tool Identifies Autoimmune Diabetes in Adults. Diabetes Care, 2006, 29, 970-975.	8.6	30

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109	Insulin resistance in children and adolescents with type 1 diabetes mellitus: relation to obesity. Pediatric Diabetes, 2005, 6, 3-4.	2.9	4
110	An efficient method for cloning human autoantigen-specific T cells. Journal of Immunological Methods, 2005, 298, 83-92.	1.4	53
111	Laminin-1 and epidermal growth factor family members co-stimulate fetal pancreas cell proliferation and colony formation. Differentiation, 2005, 73, 45-49.	1.9	25
112	Latent autoimmune diabetes in adults (LADA) should be less latent. Diabetologia, 2005, 48, 2206-2212.	6.3	294
113	Fms-like tyrosine kinase 3 ligand administration overcomes a genetically determined dendritic cell deficiency in NOD mice and protects against diabetes development. International Immunology, 2005, 17, 307-314.	4.0	53
114	Autoimmune Diabetes Is Suppressed by Transfer of Proinsulin-Encoding Gr-1+ Myeloid Progenitor Cells That Differentiate In Vivo Into Resting Dendritic Cells. Diabetes, 2005, 54, 434-442.	0.6	48
115	Conditional Expression Demonstrates the Role of the Homeodomain Transcription Factor Pdx1 in Maintenance and Regeneration of Â-Cells in the Adult Pancreas. Diabetes, 2005, 54, 2586-2595.	0.6	150
116	The Prospect of Vaccination to Prevent Type 1 Diabetes. Hum Vaccin, 2005, 1, 143-150.	2.4	18
117	The insulin A-chain epitope recognized by human T cells is posttranslationally modified. Journal of Experimental Medicine, 2005, 202, 1191-1197.	8.5	201
118	Convergence of bone morphogenetic protein and laminin-1 signaling pathways promotes proliferation and colony formation by fetal mouse pancreatic cells. Experimental Cell Research, 2005, 308, 114-122.	2.6	23
119	Pancreatic Â-Cell Function and Immune Responses to Insulin After Administration of Intranasal Insulin to Humans At Risk for Type 1 Diabetes. Diabetes Care, 2004, 27, 2348-2355.	8.6	178
120	TCR-mediated activation promotes GITR upregulation in T cells and resistance to glucocorticoid-induced death. International Immunology, 2004, 16, 1315-1321.	4.0	38
121	Harp (harmonin-interacting, ankyrin repeat-containing protein), a novel protein that interacts with harmonin in epithelial tissues. Genes To Cells, 2004, 9, 967-982.	1.2	19
122	CD4+T Cell Proliferation in Response to GAD and Proinsulin in Healthy, Pre-diabetic, and Diabetic Donors. Annals of the New York Academy of Sciences, 2004, 1037, 16-21.	3.8	19
123	Insulin resistance is a risk factor for progression to Type 1 diabetes. Diabetologia, 2004, 47, 1661-1667.	6.3	203
124	Progenitor cells in the adult pancreas. Diabetes/Metabolism Research and Reviews, 2004, 20, 13-27.	4.0	63
125	Persistence of recipient lymphocytes in NOD mice after irradiation and bone marrow transplantation. Journal of Autoimmunity, 2004, 22, 131-138.	6.5	32
126	Cytokines activate caspase-3 in insulinoma cells of diabetes-prone NOD mice directly and via upregulation of Fas. Journal of Autoimmunity, 2004, 23, 301-309.	6.5	23

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127	Mucosal Tolerance to Prevent Type 1 Diabetes: Can the Outcome Be Improved in Humans?. Review of Diabetic Studies, 2004, 1, 113-113.	1.3	16
128	Late-Onset Autoimmune Diabetes in Relatives of People with Type 1 Diabetes. Annals of the New York Academy of Sciences, 2003, 1005, 370-373.	3.8	7
129	Proinsulinâ€"a pathogenic autoantigen in type 1 diabetes. Autoimmunity Reviews, 2003, 2, 204-210.	5.8	60
130	A sensitive method for detecting proliferation of rare autoantigen-specific human T cells. Journal of Immunological Methods, 2003, 283, 173-183.	1.4	159
131	Antigen-induced regulatory T cells in autoimmunity. Nature Reviews Immunology, 2003, 3, 223-232.	22.7	284
132	Genetics of Diabetes in Childhood. , 2003, , 1-28.		0
133	Guidelines for Intervention Trials in Subjects With Newly Diagnosed Type 1 Diabetes. Diabetes, 2003, 52, 1059-1065.	0.6	76
134	Difference in Generating Mouse Pancreatic Epithelial Cell Colonies in Vitro. Pancreas, 2003, 27, 204-206.	1.1	2
135	Transfer of hematopoietic stem cells encoding autoantigen prevents autoimmune diabetes. Journal of Clinical Investigation, 2003, 111, 1357-1363.	8.2	98
136	Disabling an integral CTL epitope allows suppression of autoimmune diabetes by intranasal proinsulin peptide. Journal of Clinical Investigation, 2003, 111, 1365-1371.	8.2	89
137	Disabling an integral CTL epitope allows suppression of autoimmune diabetes by intranasal proinsulin peptide. Journal of Clinical Investigation, 2003, 111, 1365-1371.	8.2	47
138	(Pro)insulin-specific regulatory T cells. Novartis Foundation Symposium, 2003, 252, 132-41; discussion 141-5, 203-10.	1.1	4
139	Increased Generation of Dendritic Cells from Myeloid Progenitors in Autoimmune-Prone Nonobese Diabetic Mice. Journal of Immunology, 2002, 168, 5032-5041.	0.8	70
140	Anti-CD45RB antibody deters xenograft rejection by modulating T cell priming and homing. International Immunology, 2002, 14, 953-962.	4.0	14
141	Distinct Distribution of Laminin and Its Integrin Receptors in the Pancreas. Journal of Histochemistry and Cytochemistry, 2002, 50, 1625-1632.	2.5	81
142	Growth of Rotaviruses in Primary Pancreatic Cells. Journal of Virology, 2002, 76, 9537-9544.	3.4	49
143	Understanding autoimmune diabetes: insights from mouse models. Trends in Molecular Medicine, 2002, 8, 31-38.	6.7	109
144	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.	1.1	11

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145	High avidity antibodies to fetal pig pancreas endocrine cells transfer rejection but are not normally generated to fetal pig pancreas xenografts. Xenotransplantation, 2002, 9, 382-392.	2.8	0
146	Development of autoantibodies to islet antigens during childhood: implications for preclinical type 1 diabetes screening. Pediatric Diabetes, 2002, 3, 144-148.	2.9	12
147	Evidence from twins for acquired cellular immune hyperactivity in type 1 diabetes. Immunology, 2002, 106, 584-589.	4.4	9
148	Transient blockade of CD40 ligand dissociates pathogenic from protective mucosal immunity. Journal of Clinical Investigation, 2002, 109, 261-267.	8.2	36
149	Transient blockade of CD40 ligand dissociates pathogenic from protective mucosal immunity. Journal of Clinical Investigation, 2002, 109, 261-267.	8.2	17
150	Extracellular signals and pancreatic beta-cell development: a brief review. Molecular Medicine, 2002, 8, 763-70.	4.4	7
151	Bone morphogenetic proteins promote development of fetal pancreas epithelial colonies containing insulin-positive cells. Journal of Cell Science, 2002, 115, 753-60.	2.0	40
152	Emerging evidence that molecules expressed by mammalian tissue grafts are recognized by the innate immune system. Journal of Leukocyte Biology, 2002, 71, 401-9.	3.3	9
153	Cytotoxic T Cells to an Epitope in the Islet Autoantigen IA-2 Are Not Disease-Specific. Clinical Immunology, 2001, 99, 360-364.	3.2	30
154	Risk assessment, prediction and prevention of type 1 diabetes. Pediatric Diabetes, 2001, 2, 71-82.	2.9	45
155	Linkage disequilibrium of a type 1 diabetes susceptibility locus with a regulatory IL12B allele. Nature Genetics, 2001, 27, 218-221.	21.4	289
156	Evidence That a Peptide Spanning the B-C Junction of Proinsulin Is an Early Autoantigen Epitope in the Pathogenesis of Type 1 Diabetes. Journal of Immunology, 2001, 167, 4926-4935.	0.8	100
157	Innate and Adaptive Immune Responses to Nonvascular Xenografts: Evidence That Macrophages Are Direct Effectors of Xenograft Rejection. Journal of Immunology, 2001, 166, 2133-2140.	0.8	110
158	Antigen-specific therapy for autoimmune disease. Current Opinion in Immunology, 2000, 12, 704-711.	5.5	104
159	Innate immunity and graft rejection. Immunological Reviews, 2000, 173, 141-147.	6.0	43
160	SPAK, a STE20/SPS1-related kinase that activates the p38 pathway. Oncogene, 2000, 19, 4290-4297.	5.9	137
161	Screening for preclinical type 1 diabetes in a discrete population with an apparent increased disease incidence. Pediatric Diabetes, 2000, 1, 193-198.	2.9	3
162	The motif for peptide binding to the insulin-dependent diabetes mellitus-associated class II MHC molecule I-Ag7 validated by phage display library. International Immunology, 2000, 12, 493-503.	4.0	26

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163	The Beta Cell in Autoimmune Diabetes: Many Mechanisms and Pathways of Loss. Trends in Endocrinology and Metabolism, 2000, 11, 11-15.	7.1	60
164	Cow's milk and type 1 diabetes: the real debate is about mucosal immune function.. Diabetes, 1999, 48, 1501-1507.	0.6	138
165	Neural network-based prediction of candidate T-cell epitopes. Nature Biotechnology, 1998, 16, 966-969.	17.5	173
166	IgG subclass antibodies to glutamic acid decarboxylase and risk for progression to clinical insulin-dependent diabetes. Human Immunology, 1998, 59, 493-499.	2.4	33
167	Retroviral Superantigens and Type 1 Diabetes Mellitus. Cell, 1998, 95, 9-11.	28.9	52
168	The Chronobiology of Human Cytokine Production. International Reviews of Immunology, 1998, 16, 635-649.	3.3	186
169	DIURNAL RHYTHMS OF PRO-INFLAMMATORY CYTOKINES: REGULATION BY PLASMA CORTISOL AND THERAPEUTIC IMPLICATIONS. Cytokine, 1998, 10, 307-312.	3.2	267
170	T-Cell Epitopes in Type 1 Diabetes Autoantigen Tyrosine Phosphatase IA-2: Potential for Mimicry with Rotavirus and Other Environmental Agents. Molecular Medicine, 1998, 4, 231-239.	4.4	194
171	Î²-Cell Apoptosis in an Accelerated Model of Autoimmune Diabetes. Molecular Medicine, 1998, 4, 495-501.	4.4	34
172	The Melbourne Preâ€Diabetes Study: prediction of type 1 diabetes mellitus using antibody and metabolic testing. Medical Journal of Australia, 1998, 169, 81-84.	1.7	45
173	EVIDENCE THAT MACROPHAGES ARE REQUIRED FOR T-CELL INFILTRATION AND REJECTION OF FETAL PIG PANCREAS XENOGRAFTS IN NONOBESE DIABETIC MICE1. Transplantation, 1998, 66, 1407-1416.	1.0	66
174	Identification of Pancreatic Î² Cell-Related Genes by Representational Difference Analysis¹. Endocrinology, 1997, 138, 1419-1426.	2.8	44
175	A Peptide-binding Motif for I-Ag7, the Class II Major Histocompatibility Complex (MHC) Molecule of NOD and Biozzi AB/H Mice. Journal of Experimental Medicine, 1997, 185, 1013-1022.	8.5	92
176	Strategies for Identifying and Predicting Islet Autoantigen T-cell Epitopes in Insulin-dependent Diabetes Mellitus. Annals of Medicine, 1997, 29, 401-404.	3.8	9
177	Evidence for the Viral Aetiology of IDDM. Autoimmunity, 1997, 25, 251-252.	2.6	6
178	High T Cell Responses to the Glutamic Acid Decarboxylase (GAD) Isoform 67 Reflect a Hyperimmune State that Precedes the Onset of Insulin-Dependent Diabetes. Journal of Autoimmunity, 1997, 10, 165-173.	6.5	29
179	HLA Class II-associated polymorphism of interferon-Î³ production implications for HLA-disease association. Human Immunology, 1997, 53, 12-16.	2.4	27
180	Dendritic Cells Generated from Human Blood in Granulocyte Macrophage-Colony Stimulating Factor and Interleukin-7. Human Immunology, 1997, 55, 103-116.	2.4	26

#	Article	IF	Citations
181	T-cell antigen receptor transmembrane peptides modulate T-cell function and T cell-mediated disease. Nature Medicine, 1997, 3, 84-88.	30.7	113
182	Cow's milk and IDDM. Lancet, The, 1996, 348, 905-906.	13.7	11
183	Both T_H1 and T_H2 Cytokine mRNAs are Expressed in the NOD Mouse Pancreas<i>in vivo</i>. Autoimmunity, 1996, 23, 99-110.	2.6	16
184	Insulinâ€dependent diabetes: now for some good news. Medical Journal of Australia, 1996, 165, 466-467.	1.7	0
185	Cytokine regulation of glutamate decarboxylase biosynthesis in isolated rat islets of Langerhans. Biochemical Journal, 1996, 317, 713-719.	3.7	15
186	The Potential Roles of Endogenous Retroviruses in Autoimmunity. Immunological Reviews, 1996, 152, 193-236.	6.0	119
187	Aerosol Insulin Induces Regulatory CD8 Î³Î´ T Cells That Prevent Murine Insulin-dependent Diabetes. Journal of Experimental Medicine, 1996, 184, 2167-2174.	8.5	313
188	Cytokines, Antigens and Regulation of Autoimmune Beta Cell Destruction in Non-Obese Diabetic (NOD) Mice. Proceedings of the Japanese Society of Animal Models for Human Diseases, 1995, 11, 1-1.	0.0	0
189	Antibodies to synovial antigens in recent-onset rheumatoid arthritis. Arthritis and Rheumatism, 1995, 38, 1418-1428.	6.7	5
190	Cytokine-based human whole blood assay for the detection of antigen-reactive T cells. Journal of Immunological Methods, 1995, 186, 37-46.	1.4	60
191	Analysis of Families at Risk for Insulin-Dependent Diabetes Mellitus Reveals that HLA Antigens Influence Progression to Clinical Disease. Molecular Medicine, 1995, 1, 576-582.	4.4	69
192	Similar Peptides from Two Î² Cell Autoantigens, Proinsulin and Glutamic Acid Decarboxylase, Stimulate T Cells of Individuals at Risk for Insulin-Dependent Diabetes. Molecular Medicine, 1995, 1, 625-633.	4.4	96
193	Transcription and translation of two glutamate decarboxylase genes in the ileum of rat, mouse and guinea pig. Journal of the Autonomic Nervous System, 1995, 55, 18-28.	1.9	18
194	HLA antigens and age at diagnosis of insulin-dependent diabetes mellitus. Human Immunology, 1995, 42, 116-122.	2.4	85
195	MHCPEP: a database of MHC-binding peptides. Nucleic Acids Research, 1994, 22, 3663-3665.	14.5	59
196	Characterization of ganglioside associated with the thyrotrophin receptor. Glycobiology, 1994, 4, 791-796.	2.5	15
197	Effects of dexfenfluramine of glucose turnover in non-insulin-dependent diabetes mellitus. Diabetes Research and Clinical Practice, 1994, 23, 127-134.	2.8	14
198	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. Journal of Autoimmunity, 1994, 7, 55-66.	6.5	42

#	Article	IF	Citations
199	Natural History of Humoral Immunity to Glutamic Acid Decarboxylase in Non-Obese Diabetic (NOD) Mice. Journal of Autoimmunity, 1994, 7, 643-653.	6.5	22
200	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.	6.5	14
201	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. Journal of Autoimmunity, 1992, 5, 759-770.	6.5	15
202	Lack of specificity of islet cell surface antibodies (ICSA) in IDDM. Diabetes Research and Clinical Practice, 1992, 17, 33-42.	2.8	7
203	Islet cell antigens in insulin-dependent diabetes: Pandora's box revisited. Trends in Immunology, 1992, 13, 348-352.	7.5	106
204	Glutamic acid decarboxylase in insulinâ€dependent diabetes mellitus. Diabetes/metabolism Reviews, 1992, 8, 133-147.	0.3	15
205	Enhanced insulin-receptor tyrosine kinase activity associated with chromosomal translocation (1;19) in a pre-B-cell leukemia line. International Journal of Cancer, 1992, 50, 500-504.	5.1	4
206	Reduction in insulitis following administration of IFN-Î³ and TNF-Î± in the NOD mouse. Journal of Autoimmunity, 1991, 4, 249-262.	6.5	56
207	Immunoblotting for the detection of TSH receptor autoantibodies. Journal of Autoimmunity, 1991, 4, 529-542.	6.5	8
208	Characterization of pancreatic T lymphocytes associated with beta cell destruction in the non-obese diabetic (NOD) mouse. Journal of Autoimmunity, 1991, 4, 263-276.	6.5	43
209	Transgenic approaches to understanding the role of MHC genes in insulin dependent diabetes mellitus I. Immune and non-immune mechanisms of Î² cell destruction. Bailliere's Clinical Endocrinology and Metabolism, 1991, 5, 439-448.	1.0	1
210	Cloning and partial nucleotide sequence of human glutamic acid decarboxylase cDNA from brain and pancreatic islets. Biochemical and Biophysical Research Communications, 1991, 176, 1239-1244.	2.1	37
211	Detection of cytomegalovirus by the polymerase chain reaction: A simple, rapid and sensitive nonâ€radioactive method. Medical Journal of Australia, 1991, 154, 383-385.	1.7	15
212	The Dexamethasone Suppression Test in Anorexia Nervosa the Influence of Weight, Depression, Adrenocorticotrophic Hormone and Dexamethasone. British Journal of Psychiatry, 1990, 157, 713-717.	2.8	26
213	A2B5-reactive ganglioside expression determines the differentiation stage and capacity of rat insulinoma (RIN) sublines. Cell Differentiation and Development, 1990, 32, 39-46.	0.4	3
214	Detection of gangliosides by direct binding ofLimax flavus agglutinin to thin layer chromotograms. Glycoconjugate Journal, 1990, 7, 75-84.	2.7	4
215	Stabilization of glucose transporter mRNA by insulin/IGF-1 and glucose deprivation. Biochemical and Biophysical Research Communications, 1990, 171, 210-215.	2.1	35
216	Association of Ganglioside with the TSH Receptor. Trends in Glycoscience and Glycotechnology, 1990, 2, 333-342.	0.1	4

#	Article	IF	Citations
217	Chronic Stimulation of Glucose Transporter Gene Expression in L6 Myocytes Mediated via the Insulin-like Growth Factor-1 Receptor. Molecular Endocrinology, 1989, 3, 2128-2135.	3.7	26
218	Insulin Receptor Expression in the Burkitt Lymphoma Cells Daudi and Raji. Molecular Endocrinology, 1989, 3, 597-602.	3.7	4
219	Insulin receptor expression in burkitt lymphoma cell lines. International Journal of Cancer, 1989, 44, 467-473.	5.1	5
220	Viruses and cytokines: Evidence for multiple roles in pancreatic beta cell destruction in type 1 insulin-dependent diabetes mellitus. Journal of Cellular Biochemistry, 1989, 40, 57-66.	2.6	22
221	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.	2.1	14
222	Pancreatic Beta Cell Proliferation in Rabbits Demonstrated by Bromodeoxyuridine Labeling. Pancreas, 1989, 4, 594-600.	1.1	22
223	Human Thyrotropin Receptor Subunits Characterized by Thyrotropin Affinity Purification and Western Blotting*. Journal of Clinical Endocrinology and Metabolism, 1989, 69, 134-141.	3.6	11
224	Chromatography of serum on Sep-pak C18 corrects falsely elevated vitamin D metabolite levels measured by protein binding assay. Clinica Chimica Acta, 1988, 176, 169-178.	1.1	26
225	MINIREVIEW: Cytokines: An Expanding Network of Immuno-Inflammatory Hormones. Molecular Endocrinology, 1988, 2, 1151-1156.	3.7	59
226	Regulation of MHC Protein Expression in Pancreatic Î²-Cells by Interferon-Î³ and Tumor Necrosis Factor-Î±. Molecular Endocrinology, 1988, 2, 101-107.	3.7	73
227	DNA probes for presymptomatic diagnosis: keys to biological determinism?. Medical Journal of Australia, 1988, 148, 546-547.	1.7	1
228	Production of IGF-binding proteins by vascular endothelial cells. Biochemical and Biophysical Research Communications, 1987, 148, 734-739.	2.1	63
229	Interferon-Î³: pleiotropic effects on a rat pancreatic beta cell line. Molecular and Cellular Endocrinology, 1987, 52, 161-167.	3.2	19
230	The impact of molecular biology on the practice of medicine. Medical Journal of Australia, 1987, 147, 17-28.	1.7	5
231	Interferon-Î³ Induces the Expression of HLA-A,B,C but Not HLA-DR on Human Pancreatic Î²-Cells*. Journal of Clinical Endocrinology and Metabolism, 1986, 62, 1101-1109.	3.6	58
232	Nesidioblastosis and Multifocal Pancreatic Islet Cell Hyperplasia in an Adult: Clinicopathologic Features and In Vitro Pancreatic. American Journal of Clinical Pathology, 1985, 84, 534-541.	0.7	22
233	Adult Human Pancreatic Islet Cells in Tissue Culture: Function and Immunoreactivity*. Journal of Clinical Endocrinology and Metabolism, 1985, 61, 681-685.	3.6	14
234	Homogeneous bivalent insulin receptor: Purification using insulin coupled to 1,1â€²-carbonyldiimidazole activated-agarose. Biochemical and Biophysical Research Communications, 1985, 132, 1059-1065.	2.1	14

#	Article	IF	Citations
235	C-Peptide Measurement: Methods and Clinical Utility. CRC Critical Reviews in Clinical Laboratory Sciences, 1984, 19, 297-352.	1.0	120
236	FATALITIES DUE TO THE WEEDâ€KILLER PARAQUAT. Medical Journal of Australia, 1972, 2, 774-777.	1.7	10