Alberto Pugliese

List of Publications by Citations

96 papers	4,539 citations	35 h-index	66 g-index
100 ext. papers	5,422 ext. citations	8 avg, IF	5.67 L-index

#	Paper	IF	Citations
96	The insulin gene is transcribed in the human thymus and transcription levels correlated with allelic variation at the INS VNTR-IDDM2 susceptibility locus for type 1 diabetes. *Nature Genetics*, **1997**, 15, 293-7	36.3	774
95	Differentiation of Diabetes by Pathophysiology, Natural History, and Prognosis. *Diabetes*, **2017**, 66, 241-255	7.9	292
94	Insulitis and ECell Mass in the Natural History of Type 1 Diabetes. *Diabetes*, **2016**, 65, 719-31	0.9	220
93	Recurrence of type 1 diabetes after simultaneous pancreas-kidney transplantation, despite immunosuppression, is associated with autoantibodies and pathogenic autoreactive CD4 T-cells. *Diabetes*, **2010**, 59, 947-57	0.9	183
92	Insulin VNTR allele-specific effect in type 1 diabetes depends on identity of untransmitted paternal allele. The IMDIAB Group. *Nature Genetics*, **1997**, 17, 350-2	36.3	163
91	HLA-DQB1*0602 is associated with dominant protection from diabetes even among islet cell antibody-positive first-degree relatives of patients with IDDM. *Diabetes*, **1995**, 44, 608-13	0.9	153
90	Autoreactive T cells in type 1 diabetes. *Journal of Clinical Investigation*, **2017**, 127, 2881-2891	15.9	149
89	Low-dose interleukin-2 fosters a dose-dependent regulatory T cell tuned milieu in T1D patients. *Journal of Autoimmunity*, **2015**, 58, 48-58	15.5	145
88	Islet cell hyperexpression of HLA class I antigens: a defining feature in type 1 diabetes. *Diabetologia* , **2016**, 59, 2448-2458	10.3	145
87	Self-antigen-presenting cells expressing diabetes-associated autoantigens exist in both thymus and peripheral lymphoid organs. *Journal of Clinical Investigation*, **2001**, 107, 555-64	15.9	136
86	Network for Pancreatic Organ Donors with Diabetes (nPOD): developing a tissue biobank for type 1 diabetes. *Diabetes/Metabolism Research and Reviews*, **2012**, 28, 608-17	7.5	133
85	The Juvenile Diabetes Research Foundation Network for Pancreatic Organ Donors with Diabetes (nPOD) Program: goals, operational model and emerging findings. *Pediatric Diabetes*, **2014**, 15, 1-9	3.6	116
84	Selective IL-2 responsiveness of regulatory T cells through multiple intrinsic mechanisms supports the use of low-dose IL-2 therapy in type 1 diabetes. *Diabetes*, **2015**, 64, 2172-83	0.9	112
83	Umbilical Cord Mesenchymal Stromal Cell With Autologous Bone Marrow Cell Transplantation in Established Type 1 Diabetes: A Pilot Randomized Controlled Open-Label Clinical Study to Assess Safety and Impact on Insulin Secretion. *Diabetes Care*, **2016**, 39, 149-57	14.6	101
82	The insulin gene in diabetes. *Diabetes/Metabolism Research and Reviews*, **2002**, 18, 13-25	7.5	73
81	Genetics of type 1 diabetes. *Pediatric Diabetes*, **2018**, 19, 346-353	3.6	72
80	Expression of SARS-CoV-2 Entry Factors in the Pancreas of Normal Organ Donors and Individuals with COVID-19. *Cell Metabolism*, **2020**, 32, 1041-1051.e6	24.6	71

79	Recurrence of autoreactive antigen-specific CD4+ T cells in autoimmune diabetes after pancreas transplantation. *Clinical Immunology*, **2008**, 128, 23-30	9	68
78	The IL-2/IL-2R system: from basic science to therapeutic applications to enhance immune regulation. *Immunologic Research*, **2013**, 57, 197-209	4.3	66
77	Recurrence of autoimmunity following pancreas transplantation. *Current Diabetes Reports*, **2011**, 11, 413-9	5.6	64
76	Tissue distribution and clonal diversity of the T and B cell repertoire in type 1 diabetes. *JCI Insight*, **2016**, 1, e88242	9.9	64
75	The influence of type 1 diabetes on pancreatic weight. *Diabetologia*, **2016**, 59, 217-221	10.3	62
74	A Type 1 Diabetes Genetic Risk Score Predicts Progression of Islet Autoimmunity and Development of Type 1 Diabetes in Individuals at Risk. *Diabetes Care*, **2018**, 41, 1887-1894	14.6	59
73	Thymic expression of peripheral tissue antigens in humans: a remarkable variability among individuals. *International Immunology*, **2005**, 17, 1131-40	4.9	52
72	Association of serum microRNAs with islet autoimmunity, disease progression and metabolic impairment in relatives at risk of type 1 diabetes. *Diabetologia*, **2017**, 60, 1409-1422	10.3	49
71	Genetics of type 1 diabetes. *Endocrinology and Metabolism Clinics of North America*, **2004**, 33, 1-16, vii	5.5	48
70	Insulitis in the pathogenesis of type 1 diabetes. *Pediatric Diabetes*, **2016**, 17 Suppl 22, 31-6	3.6	47
69	Central and peripheral autoantigen presentation in immune tolerance. *Immunology*, **2004**, 111, 138-46	7.8	43
68	Rationale for enteroviral vaccination and antiviral therapies in human type 1 diabetes. *Diabetologia*, **2019**, 62, 744-753	10.3	40
67	Understanding and preventing type 1 diabetes through the unique working model of TrialNet. *Diabetologia*, **2017**, 60, 2139-2147	10.3	39
66	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, 1109-19	0.9	37
65	Dendritic cells in human thymus and periphery display a proinsulin epitope in a transcription-dependent, capture-independent fashion. *Journal of Immunology*, **2005**, 175, 2111-22	5.3	37
64	Recurrence of autoimmunity in pancreas transplant patients: research update. *Diabetes Management*, **2011**, 1, 229-238	0	36
63	Promoting Immune Regulation in Type 1 Diabetes Using Low-Dose Interleukin-2. *Current Diabetes Reports*, **2016**, 16, 46	5.6	36
62	The paternally inherited insulin gene B allele (1,428 FokI site) confers protection from insulin-dependent diabetes in families. *Journal of Autoimmunity*, **1994**, 7, 687-94	15.5	35

61	Lessons From Pancreas Transplantation in Type 1 Diabetes: Recurrence of Islet Autoimmunity. *Current Diabetes Reports*, **2015**, 15, 121	5.6	34
60	New insight on human type 1 diabetes biology: nPOD and nPOD-transplantation. *Current Diabetes Reports*, **2014**, 14, 530	5.6	31
59	Increased complement activation in human type 1 diabetes pancreata. *Diabetes Care*, **2013**, 36, 3815-7	14.6	31
58	A run on the biobank: what have we learned about type 1 diabetes from the nPOD tissue repository?. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2015**, 22, 290-5	4	30
57	The relationship between BMI and insulin resistance and progression from single to multiple autoantibody positivity and type 1 diabetes among TrialNet Pathway to Prevention participants. *Diabetologia*, **2016**, 59, 1186-95	10.3	29
56	Sequence analysis of the diabetes-protective human leukocyte antigen-DQB1*0602 allele in unaffected, islet cell antibody-positive first degree relatives and in rare patients with type 1 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 1722-8	5.6	25
55	Pancreas tissue slices from organ donors enable in situ analysis of type 1 diabetes pathogenesis. *JCI Insight*, **2020**, 5,	9.9	24
54	Pancreas Pathology During the Natural History of Type 1 Diabetes. *Current Diabetes Reports*, **2018**, 18, 124	5.6	23
53	Loss of intra-islet heparan sulfate is a highly sensitive marker of type 1 diabetes progression in humans. *PLoS ONE*, **2018**, 13, e0191360	3.7	22
52	Proteomic Analysis of Disease Stratified Human Pancreas Tissue Indicates Unique Signature of Type 1 Diabetes. *PLoS ONE*, **2015**, 10, e0135663	3.7	21
51	Revealing enterovirus infection in chronic human disorders: An integrated diagnostic approach. *Scientific Reports*, **2017**, 7, 5013	4.9	20
50	Relative sensitivity of immunohistochemistry, multiple reaction monitoring mass spectrometry, in situ hybridization and PCR to detect Coxsackievirus B1 in A549 cells. *Journal of Clinical Virology*, **2016**, 77, 21-8	14.5	18
49	Advances in the etiology and mechanisms of type 1 diabetes. *Discovery Medicine*, **2014**, 18, 141-50	2.5	18
48	Long-term culture of human pancreatic slices as a model to study real-time islet regeneration. *Nature Communications*, **2020**, 11, 3265	17.4	17
47	Lymphoid organs contain diverse cells expressing self-molecules. *Nature Immunology*, **2002**, 3, 335-6; author reply 336	19.1	17
46	Can Non-HLA Single Nucleotide Polymorphisms Help Stratify Risk in TrialNet Relatives at Risk for Type 1 Diabetes?. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2873-2880	5.6	16
45	The insulin gene in type 1 diabetes. *IUBMB Life*, **2005**, 57, 463-8	4.7	16
44	Transcription Factor 7-Like 2 () Gene Polymorphism and Progression From Single to Multiple Autoantibody Positivity in Individuals at Risk for Type 1 Diabetes. *Diabetes Care*, **2018**, 41, 2480-2486	14.6	16

43	Peptide-based treatment for autoimmune diseases: learning how to handle a double-edged sword. *Journal of Clinical Investigation*, **2003**, 111, 1280-2	15.9	13
42	Discovery of Phosphorylated Peripherin as a Major Humoral Autoantigen in Type 1 Diabetes Mellitus. *Cell Chemical Biology*, **2016**, 23, 618-628	8.2	13
41	MicroRNAs: markers of β cell stress and autoimmunity. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2018**, 25, 237-245	4	13
40	Sequence variation in promoter of Ica1 gene, which encodes protein implicated in type 1 diabetes, causes transcription factor autoimmune regulator (AIRE) to increase its binding and down-regulate expression. *Journal of Biological Chemistry*, **2012**, 287, 17882-17893	5.4	12
39	Slowed Metabolic Decline After 1 Year of Oral Insulin Treatment Among Individuals at High Risk for Type 1 Diabetes in the Diabetes Prevention Trial-Type 1 (DPT-1) and TrialNet Oral Insulin Prevention Trials. *Diabetes*, **2020**, 69, 1827-1832	0.9	12
38	Detection of enterovirus in the islet cells of patients with type 1 diabetes: what do we learn from immunohistochemistry? Reply to Hansson SF, Korsgren S, Pontén F et al [letter]. *Diabetologia*, **2014**, 57, 647-9	10.3	11
37	Peripheral antigen-expressing cells and autoimmunity. *Endocrinology and Metabolism Clinics of North America*, **2002**, 31, 411-30, viii	5.5	11
36	Immunomodulation Followed by Antigen-Specific T Infusion Controls Islet Autoimmunity. *Diabetes*, **2020**, 69, 215-227	0.9	10
35	CCL21 Expression in β Cells Induces Antigen-Expressing Stromal Cell Networks in the Pancreas and Prevents Autoimmune Diabetes in Mice. *Diabetes*, **2019**, 68, 1990-2003	0.9	9
34	Transcriptomes of antigen presenting cells in human thymus. *PLoS ONE*, **2019**, 14, e0218858	3.7	9
33	Factors That Influence the Quality of RNA From the Pancreas of Organ Donors. *Pancreas*, **2017**, 46, 252-259	2.9	9
32	Insulin expression in the thymus, tolerance, and type 1 diabetes. *Diabetes/metabolism Reviews*, **1998**, 14, 325-7		7
31	A composite immune signature parallels disease progression across T1D subjects. *JCI Insight*, **2019**, 4,	9.9	7
30	Re-addressing the 2013 consensus guidelines for the diagnosis of insulitis in human type 1 diabetes: is change necessary?. *Diabetologia*, **2017**, 60, 753-755	10.3	6
29	High Illicit Drug Abuse and Suicide in Organ Donors With Type 1 Diabetes. *Diabetes Care*, **2017**, 40, e122-e123	14.6	6
28	George S. Eisenbarth: insulin and type 1 diabetes. *Diabetes Care*, **2013**, 36, 1437-42	14.6	5
27	Detection of enterovirus protein and RNA in multiple tissues from nPOD organ donors with type 1 diabetes		5
26	Insulin: a critical autoantigen and potential therapeutic agent in Type 1 diabetes. *Expert Review of Clinical Immunology*, **2006**, 2, 419-31	5.1	4

25	Differential Detection of Encapsidated versus Unencapsidated Enterovirus RNA in Samples Containing Pancreatic Enzymes-Relevance for Diabetes Studies. *Viruses*, **2020**, 12,	6.2	4
24	Altered Cell Prohormone Processing and Secretion in Type 1 Diabetes. *Diabetes*, **2021**, 70, 1038-1050	0.9	4
23	Index60 as an additional diagnostic criterion for type 1 diabetes. *Diabetologia*, **2021**, 64, 836-844	10.3	4
22	Localization of enteroviral RNA within the pancreas in donors with T1D and T1D-associated autoantibodies. *Cell Reports Medicine*, **2021**, 2, 100371	18	4
21	Large enteroviral vaccination studies to prevent type 1 diabetes should be well founded and rely on scientific evidence. Reply to Skog O, Klingel K, Roivainen M et al [letter]. *Diabetologia*, **2019**, 62, 1100-1103	10.3	3
20	Biomarkers in pancreas transplant. *Current Opinion in Organ Transplantation*, **2016**, 21, 412-8	2.5	3
19	IL-2 antibodies in type 1 diabetes and during IL-2 therapy. *Diabetologia*, **2018**, 61, 2066-2068	10.3	3
18	Baseline Assessment of Circulating MicroRNAs Near Diagnosis of Type 1 Diabetes Predicts Future Stimulated Insulin Secretion. *Diabetes*, **2021**, 70, 638-651	0.9	3
17	Hospital time prior to death and pancreas histopathology: implications for future studies. *Diabetologia*, **2018**, 61, 954-958	10.3	3
16	100 YEARS OF INSULIN: Pancreas pathology in type 1 diabetes: an evolving story. *Journal of Endocrinology*, **2021**, 252, R41-R57	4.7	2
15	Identification and characterisation of tertiary lymphoid organs in human type 1 diabetes. *Diabetologia*, **2021**, 64, 1626-1641	10.3	2
14	Weekly injection of IL-2 using an injectable hydrogel reduces autoimmune diabetes incidence in NOD mice. *Diabetologia*, **2021**, 64, 152-158	10.3	2
13	Genetic Factors in Type 1 Diabetes. *Growth Hormone*, **2001**, 25-42		2
12	The JDRF Network for the Pancreatic Organ Donor with Diabetes (nPOD): A novel Resource and Study Approach in Type 1 Diabetes Research **2013**, 245-255		1
11	Current Status of Pancreas Transplantation **2014**, 563-570		1
10	Peripheral antigen-expressing cells in type 1 diabetes. *Current Diabetes Reports*, **2004**, 4, 101-7	5.6	1
9	Insulin expression in the thymus, tolerance, and Type 1 diabetes **1998**, 14, 325		1
8	Immunopathogenesis of type 1 diabetes in Western society **2015**, 442-453		0

List of Publications

7	Pathogenesis of Type 1 Diabetes. *Endocrinology*, **2018**, 1-40	0.1
6	Kidney Transplantation Combined With Other Organs **2017**, 141-157	
5	Parental gender effects on the insulin-gene-associated susceptibility to insulin-dependent diabetes mellitus. *European Journal of Clinical Investigation*, **1997**, 27, 359	4.6
4	Pathogenesis of Type 1 Diabetes. *Endocrinology*, **2018**, 141-179	0.1
3	Recurrence of type 1 diabetes following simultaneous pancreas-kidney transplantation **2020**, 295-311	
2	Daniel H. Mintz (1930-2020): An Extraordinary Physician-Scientist and a Pioneer in Islet Transplantation. *Diabetes Care*, **2021**, 44, 1727-1733	14.6
1	Type 1 Diabetes Recurrence After Simultaneous Pancreas-Kidney Transplantation. *Current Transplantation Reports*, **2018**, 5, 295-303	1.5