Mark Atkinson

List of Publications by Year
in descending order

48 papers	4,733 citations	126907 33 h-index	189892 50 g-index
51 all docs	51 docs citations	51 times ranked	6538 citing authors

#	Article	IF	Citations
1	Immunomodulation by Mesenchymal Stem Cells. Diabetes, 2008, 57, 1759-1767.	0.6	445
2	Marked Expansion of Exocrine and Endocrine Pancreas With Incretin Therapy in Humans With Increased Exocrine Pancreas Dysplasia and the Potential for Glucagon-Producing Neuroendocrine Tumors. Diabetes, 2013, 62, 2595-2604.	0.6	381
3	A functional variant of SUMO4, a new Î²BÎ± modifier, is associated with type 1 diabetes. Nature Genetics, 2004, 36, 837-841.	21.4	369
4	Immunomodulatory Function of Bone Marrow-Derived Mesenchymal Stem Cells in Experimental Autoimmune Type 1 Diabetes. Journal of Immunology, 2009, 183, 993-1004.	0.8	355
5	No Alterations in the Frequency of FOXP3+ Regulatory T-Cells in Type 1 Diabetes. Diabetes, 2007, 56, 604-612.	0.6	214
6	Satisfaction (not) guaranteed: re-evaluating the use of animal models of type 1 diabetes. Nature Reviews Immunology, 2004, 4, 989-997.	22.7	187
7	Network for Pancreatic Organ Donors with Diabetes (nPOD): developing a tissue biobank for type 1 diabetes. Diabetes/Metabolism Research and Reviews, 2012, 28, 608-617.	4.0	178
8	Â1-Antitrypsin Protects Â-Cells From Apoptosis. Diabetes, 2007, 56, 1316-1323.	0.6	171
9	Combination Therapy With Glucagon-Like Peptide-1 and Gastrin Restores Normoglycemia in Diabetic NOD Mice. Diabetes, 2008, 57, 3281-3288.	0.6	169
10	Compromised Gut Microbiota Networks in Children With Anti-Islet Cell Autoimmunity. Diabetes, 2014, 63, 2006-2014.	0.6	154
11	Congenic Mesenchymal Stem Cell Therapy Reverses Hyperglycemia in Experimental Type 1 Diabetes. Diabetes, 2010, 59, 3139-3147.	0.6	139
12	Deaf1 isoforms control the expression of genes encoding peripheral tissue antigens in the pancreatic lymph nodes during type 1 diabetes. Nature Immunology, 2009, 10, 1026-1033.	14.5	134
13	GABA Promotes Human Î²-Cell Proliferation and Modulates Glucose Homeostasis. Diabetes, 2014, 63, 4197-4205.	0.6	125
14	T regulatory cell function in idiopathic minimal lesion nephrotic syndrome. Pediatric Nephrology, 2009, 24, 1691-1698.	1.7	121
15	Reduced Serum Vitamin Dâ€“Binding Protein Levels Are Associated With Type 1 Diabetes. Diabetes, 2011, 60, 2566-2570.	0.6	119
16	Mechanisms of PDL1-mediated regulation of autoimmune diabetes. Clinical Immunology, 2007, 125, 16-25.	3.2	111
17	Towards a functional hypothesis relating anti-islet cell autoimmunity to the dietary impact on microbial communities and butyrate production. Microbiome, 2016, 4, 17.	11.1	100
18	Î±1-Antitrypsin Gene Therapy Modulates Cellular Immunity and Efficiently Prevents Type 1 Diabetes in Nonobese Diabetic Mice. Human Gene Therapy, 2006, 17, 625-634.	2.7	81

#	Article	IF	Citations
19	SUMO wrestling with type 1 diabetes. Journal of Molecular Medicine, 2005, 83, 504-513.	3.9	80
20	Persistence of Pancreatic Insulin mRNA Expression and Proinsulin Protein in Type 1 Diabetes Pancreata. Cell Metabolism, 2017, 26, 568-575.e3.	16.2	77
21	Antigen-Specific Dependence of Tr1-Cell Therapy in Preclinical Models of Islet Transplant. Diabetes, 2010, 59, 433-439.	0.6	72
22	Vitamin D Levels in Subjects With and Without Type 1 Diabetes Residing in a Solar Rich Environment. Diabetes Care, 2009, 32, 1977-1979.	8.6	69
23	Serological autoantibody profiling of type 1 diabetes by protein arrays. Journal of Proteomics, 2013, 94, 486-496.	2.4	61
24	Immunoproteomic Profiling of Antiviral Antibodies in New-Onset Type 1 Diabetes Using Protein Arrays. Diabetes, 2016, 65, 285-296.	0.6	59
25	Study of GABA in Healthy Volunteers: Pharmacokinetics and Pharmacodynamics. Frontiers in Pharmacology, 2015, 6, 260.	3.5	55
26	Elimination of insulitis and augmentation of islet beta cell regeneration via induction of chimerism in overtly diabetic NOD mice. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2337-2342.	7.1	54
27	Treg in type 1 diabetes. Cell Biochemistry and Biophysics, 2007, 48, 165-175.	1.8	47
28	Increased Complement Activation in Human Type 1 Diabetes Pancreata. Diabetes Care, 2013, 36, 3815-3817.	8.6	44
29	Donor CD8+ T cells facilitate induction of chimerism and tolerance without GVHD in autoimmune NOD mice conditioned with anti-CD3 mAb. Blood, 2005, 105, 2180-2188.	1.4	43
30	Mesenchymal stem cells express serine protease inhibitor to evade the host immune response. Blood, 2011, 117, 1176-1183.	1.4	43
31	Mixed Chimerism and Growth Factors Augment Î² Cell Regeneration and Reverse Late-Stage Type 1 Diabetes. Science Translational Medicine, 2012, 4, 133ra59.	12.4	38
32	Tracking the Antibody Immunome in Type 1 Diabetes Using Protein Arrays. Journal of Proteome Research, 2017, 16, 195-203.	3.7	38
33	Rapamycin Combined with Anti-CD45RB mAb and IL-10 or with G-CSF Induces Tolerance in a Stringent Mouse Model of Islet Transplantation. PLoS ONE, 2011, 6, e28434.	2.5	36
34	Preservation of C-peptide secretion in subjects at high risk of developing type 1 diabetes mellitus - a new surrogate measure of non-progression?. Pediatric Diabetes, 2004, 5, 72-79.	2.9	35
35	Inherited Susceptibility to Insulin-Dependent Diabetes is Associated with HLA-DR1, while DR5 is Protective. Autoimmunity, 1988, 1, 197-205.	2.6	32
36	The Novel Role of SERPINB9 in Cytotoxic Protection of Human Mesenchymal Stem Cells. Journal of Immunology, 2011, 187, 2252-2260.	0.8	32

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37	GAD65 Autoantibodies Increase the Predictability but not the Sensitivity of Islet Cell and Insulin Autoantibodies for Developing Insulin Dependent Diabetes Mellitus. Journal of Autoimmunity, 1994, 7, 865-872.	6.5	31
38	Effect of a single autologous cord blood infusion on beta-cell and immune function in children with new onset type 1 diabetes: a non-randomized, controlled trial. Pediatric Diabetes, 2014, 15, 100-109.	2.9	30
39	Altered Î²-Cell Prohormone Processing and Secretion in Type 1 Diabetes. Diabetes, 2021, 70, 1038-1050.	0.6	28
40	Nonobese Diabetic Mouse Congenic Analysis Reveals Chromosome 11 Locus Contributing to Diabetes Susceptibility, Macrophage STAT5 Dysfunction, and Granulocyte-Macrophage Colony-Stimulating Factor Overproduction. Journal of Immunology, 2005, 175, 4561-4565.	0.8	25
41	Induction of Mixed Chimerism With MHC-Mismatched but Not Matched Bone Marrow Transplants Results in Thymic Deletion of Host-Type Autoreactive T-Cells in NOD Mice. Diabetes, 2011, 60, 555-564.	0.6	24
42	Ingested IFN-Î±Preserves ResidualÎ²Cell Function in Type 1 Diabetes. Journal of Interferon and Cytokine Research, 2001, 21, 1021-1030.	1.2	23
43	The Tyrphostin Agent AG490 Prevents and Reverses Type 1 Diabetes in NOD Mice. PLoS ONE, 2012, 7, e36079.	2.5	20
44	Induction of Chimerism Permits Low-Dose Islet Grafts in the Liver or Pancreas to Reverse Refractory Autoimmune Diabetes. Diabetes, 2010, 59, 2228-2236.	0.6	19
45	Beyond the brain: disrupted in schizophrenia 1 regulates pancreatic Î²â€cell function via glycogen synthase kinaseâ€3Î². FASEB Journal, 2016, 30, 983-993.	0.5	16
46	Persistent STAT5 Phosphorylation and Epigenetic Dysregulation of GM-CSF and PGS2/COX2 Expression in Type 1 Diabetic Human Monocytes. PLoS ONE, 2013, 8, e76919.	2.5	12
47	Reponse to Comments on: Butler et al. Marked Expansion of Exocrine and Endocrine Pancreas With Incretin Therapy in Humans With Increased Exocrine Pancreas Dysplasia and the Potential for Glucagon-Producing Neuroendocrine Tumors. Diabetes 2013;62:2595-2604. Diabetes, 2013, 62, e19-e22.	0.6	11
48	Csf2 and Ptgs2 Epigenetic Dysregulation in Diabetes-prone Bicongenic B6.NODC11bxC1tb Mice. Genetics & Epigenetics, 2015, 7, GEG.S29696.	2.5	3