

Anne Järns

List of Publications by Year in descending order

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36
papers

2,247
citations

516710

16
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35
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docs citations

38
times ranked

3400
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Pancreatic β -Cell Death in Type 1 and Type 2 Diabetes: Many Differences, Few Similarities. <i>Diabetes</i> , 2005, 54, S97-S107.	0.6	1,296
2	Systems biology of the IMIDIA biobank from organ donors and pancreatectomised patients defines a novel transcriptomic signature of islets from individuals with type 2 diabetes. <i>Diabetologia</i> , 2018, 61, 641-657.	6.3	131
3	Immune Cell Infiltration, Cytokine Expression, and β -Cell Apoptosis During the Development of Type 1 Diabetes in the Spontaneously Diabetic LEW.1AR1/Ztm-iddm Rat. <i>Diabetes</i> , 2005, 54, 2041-2052.	0.6	111
4	Islet infiltration, cytokine expression and beta cell death in the NOD mouse, BB rat, Komeda rat, LEW.1AR1-iddm rat and humans with type 1 diabetes. <i>Diabetologia</i> , 2014, 57, 512-521.	6.3	76
5	Sensitivity profile of the human EndoC- β H1 beta cell line to proinflammatory cytokines. <i>Diabetologia</i> , 2016, 59, 2125-2133.	6.3	54
6	The central role of glutathione peroxidase 4 in the regulation of ferroptosis and its implications for pro-inflammatory cytokine-mediated beta-cell death. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166114.	3.8	54
7	Interleukin 17, Produced by $\gamma\delta$ T Cells, Contributes to Hepatic Inflammation in a Mouse Model of Biliary Atresia and Is Increased in Livers of Patients. <i>Gastroenterology</i> , 2016, 150, 229-241.e5.	1.3	52
8	Gradual loss of pancreatic beta-cell insulin, glucokinase and GLUT2 glucose transporter immunoreactivities during the time course of nutritionally induced type-2 diabetes in <i>Psammomys obesus</i> (sand rat). <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2002, 440, 63-69.	2.8	49
9	Diabetes Prevention by Immunomodulatory FTY720 Treatment in the LEW.1AR1-iddm Rat Despite Immune Cell Activation. <i>Endocrinology</i> , 2010, 151, 3555-3565.	2.8	45
10	ER-resident antioxidative GPx7 and GPx8 enzyme isoforms protect insulin-secreting INS-1E β -cells against lipotoxicity by improving the ER antioxidative capacity. <i>Free Radical Biology and Medicine</i> , 2017, 112, 121-130.	2.9	45
11	β -Cell DNA Damage Response Promotes Islet Inflammation in Type 1 Diabetes. <i>Diabetes</i> , 2018, 67, 2305-2318.	0.6	35
12	Enhanced activation of interleukin-10, heme oxygenase-1, and AKT in C5aR2-deficient mice is associated with protection from ischemia reperfusion injury-induced inflammation and fibrosis. <i>Kidney International</i> , 2018, 94, 741-755.	5.2	34
13	Pancreas Pathology of Latent Autoimmune Diabetes in Adults (LADA) in Patients and in a LADA Rat Model Compared With Type 1 Diabetes. <i>Diabetes</i> , 2020, 69, 624-633.	0.6	31
14	Pathology of the pancreas and other organs in the diabetic LEW.1AR1/Ztm-iddm rat, a new model of spontaneous insulin-dependent diabetes mellitus. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2004, 444, 183-189.	2.8	30
15	Results, meta-analysis and a first evaluation of UNOxR, the urinary nitrate-to-nitrite molar ratio, as a measure of nitrite reabsorption in experimental and clinical settings. <i>Amino Acids</i> , 2018, 50, 799-821.	2.7	23
16	TNF- α Antibody Therapy in Combination With the T-Cell-Specific Antibody Anti-TCR Reverses the Diabetic Metabolic State in the LEW.1AR1-iddm Rat. <i>Diabetes</i> , 2015, 64, 2880-2891.	0.6	22
17	Immune cell and cytokine patterns in children with type 1 diabetes mellitus undergoing a remission phase: A longitudinal study. <i>Pediatric Diabetes</i> , 2018, 19, 963-971.	2.9	18
18	Effect of fluoroquinolones on mitochondrial function in pancreatic beta cells. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 52, 206-214.	4.0	14

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19	Anti-TCR therapy combined with fingolimod for reversal of diabetic hyperglycemia by β 2 cell regeneration in the LEW.1AR1-iddm rat model of type 1 diabetes. <i>Journal of Molecular Medicine</i> , 2014, 92, 743-55.	3.9	13
20	A novel Dock8 gene mutation confers diabetogenic susceptibility in the LEW.1AR1/Ztm-iddm rat, an animal model of human type 1 diabetes. <i>Diabetologia</i> , 2015, 58, 2800-2809.	6.3	13
21	Antidiabetic Effect of Interleukin-1 β Antibody Therapy Through β 2-Cell Protection in the Cohen Diabetes-Sensitive Rat. <i>Diabetes</i> , 2015, 64, 1780-1785.	0.6	13
22	Remission of autoimmune diabetes by anti-TCR combination therapies with anti-IL-17A or/and anti-IL-6 in the IDDM rat model of type 1 diabetes. <i>BMC Medicine</i> , 2020, 18, 33.	5.5	13
23	MCPIP1 regulates the sensitivity of pancreatic beta-cells to cytokine toxicity. <i>Cell Death and Disease</i> , 2019, 10, 29.	6.3	12
24	Beta Cell Mass Regulation in the Rat Pancreas Through Glucocorticoids and Thyroid Hormones. <i>Pancreas</i> , 2010, 39, 1167-1172.	1.1	11
25	Restoration of mucosal integrity and epithelial transport function by concomitant anti-TNF α treatment in chronic DSS-induced colitis. <i>Journal of Molecular Medicine</i> , 2018, 96, 831-843.	3.9	9
26	Tafazzin-dependent cardiolipin composition in C6 glioma cells correlates with changes in mitochondrial and cellular functions, and cellular proliferation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 452-465.	2.4	9
27	The importance of aquaporin-8 for cytokine-mediated toxicity in rat insulin-producing cells. <i>Free Radical Biology and Medicine</i> , 2021, 174, 135-143.	2.9	8
28	Rat Models of Human Type 1 Diabetes. <i>Methods in Molecular Biology</i> , 2020, 2128, 69-85.	0.9	7
29	Influence of Cannabinoid Receptor Deficiency on Parameters Involved in Blood Glucose Regulation in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3168.	4.1	5
30	New hPSC SOX9 and INS Reporter Cell Lines Facilitate the Observation and Optimization of Differentiation into Insulin-Producing Cells. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 2193-2209.	3.8	4
31	MCPIP1 is a novel link between diabetogenic conditions and impaired insulin secretory capacity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166199.	3.8	4
32	Changes in immune cell frequencies in primary and secondary lymphatic organs of LEW.1AR1-iddm rats, a model of human type 1 diabetes compared to other MHC congenic LEW inbred strains. <i>Immunologic Research</i> , 2018, 66, 462-470.	2.9	2
33	Asymmetric dimethylation and citrullination in the LEW.1AR1-iddm rat, an animal model of human type 1 diabetes, and effects of anti-TCR/anti-TNF- α antibody-based therapy. <i>Amino Acids</i> , 2020, 52, 103-110.	2.7	2
34	Translation of curative therapy concepts with T cell and cytokine antibody combinations for type 1 diabetes reversal in the IDDM rat. <i>Journal of Molecular Medicine</i> , 2020, 98, 1125-1137.	3.9	1
35	Advanced Glycation End-Products (AGEs) of Lysine and Effects of Anti-TCR/Anti-TNF- α Antibody-Based Therapy in the LEW.1AR1-iddm Rat, an Animal Model of Human Type 1 Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1541.	4.1	1
36	FP206C5AR2 DEFICIENCY ATTENUATES RENAL ISCHEMIA REPERFUSION INJURY VIA UP-REGULATION OF IL-10 AND AKT DEPENDENT MECHANISMS. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i100-i100.	0.7	0