Frans Schuit

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8724936/publications.pdf

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37	2,232	236612	344852
papers	citations	25 h-index	36 g-index

38	38	38	4159
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vitamin D3 Induces Tolerance in Human Dendritic Cells by Activation of Intracellular Metabolic Pathways. Cell Reports, 2015, 10, 711-725.	2.9	228
2	Physical Exerciseâ€“Induced Hypoglycemia Caused by Failed Silencing of Monocarboxylate Transporter 1 in Pancreatic Î² Cells. American Journal of Human Genetics, 2007, 81, 467-474.	2.6	213
3	Vitamin D Binding Protein: A Historic Overview. Frontiers in Endocrinology, 2019, 10, 910.	1.5	167
4	Impaired Islet Function in Commonly Used Transgenic Mouse Lines due to Human Growth Hormone Minigene Expression. Cell Metabolism, 2014, 20, 979-990.	7.2	145
5	Effect of vedolizumab (anti-Î±4Î²7-integrin) therapy on histological healing and mucosal gene expression in patients with UC. Gut, 2018, 67, 43-52.	6.1	137
6	Steviol glycosides enhance pancreatic beta-cell function and taste sensation by potentiation of TRPM5 channel activity. Nature Communications, 2017, 8, 14733.	5.8	136
7	Natural killer cell infiltration is discriminative for antibody-mediated rejection and predicts outcome after kidney transplantation. Kidney International, 2019, 95, 188-198.	2.6	116
8	Glucose-Regulated Gene Expression Maintaining the Glucose-Responsive State of Â-Cells. Diabetes, 2002, 51, S326-S332.	0.3	106
9	Role of furin in granular acidification in the endocrine pancreas: Identification of the V-ATPase subunit Ac45 as a candidate substrate. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12319-12324.	3.3	80
10	Disallowed and Allowed Gene Expression: Two Faces of Mature Islet Beta Cells. Annual Review of Nutrition, 2016, 36, 45-71.	4.3	74
11	Integrated miRNA and mRNA Expression Profiling in Inflamed Colon of Patients with Ulcerative Colitis. PLoS ONE, 2014, 9, e116117.	1.1	73
12	Î²-Cellâ€“Specific Gene Repression: A Mechanism to Protect Against Inappropriate or Maladjusted Insulin Secretion?. Diabetes, 2012, 61, 969-975.	0.3	66
13	Metabolic and Behavioural Phenotypes in Nestin-Cre Mice Are Caused by Hypothalamic Expression of Human Growth Hormone. PLoS ONE, 2015, 10, e0135502.	1.1	61
14	Transcriptional Changes in Kidney Allografts with Histology of Antibody-Mediated Rejection without Anti-HLA Donor-Specific Antibodies. Journal of the American Society of Nephrology: JASN, 2020, 31, 2168-2183.	3.0	60
15	Zinc transporters and their role in the pancreatic Î²â€cell. Journal of Diabetes Investigation, 2012, 3, 202-211.	1.1	51
16	A Glucose Sensor Role for Glucokinase in Anterior Pituitary Cells. Diabetes, 2006, 55, 1923-1929.	0.3	45
17	Phlorizin Pretreatment Reduces Acute Renal Toxicity in a Mouse Model for Diabetic Nephropathy. Journal of Biological Chemistry, 2013, 288, 27200-27207.	1.6	41
18	Gene and Mirna Regulatory Networks During Different Stages of Crohnâ€™s Disease. Journal of Crohn's and Colitis, 2019, 13, 916-930.	0.6	41

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19	Intercellular Differences in Interleukin 1Î²-Induced Suppression of Insulin Synthesis and Stimulation of Noninsulin Protein Synthesis by Rat Pancreatic Î²-Cells*. Endocrinology, 1998, 139, 1540-1545.	1.4	39
20	Prolactin Receptors and Placental Lactogen Drive Male Mouse Pancreatic Islets to Pregnancy-Related mRNA Changes. PLoS ONE, 2015, 10, e0121868.	1.1	39
21	Genetic Deletion of Tissue Inhibitor of Metalloproteinase-1/TIMP-1 Alters Inflammation and Attenuates Fibrosis in Dextran Sodium Sulphate-induced Murine Models of Colitis. Journal of Crohn's and Colitis, 2016, 10, 1336-1350.	0.6	34
22	Early differences in islets from prediabetic NOD mice: combined microarray and proteomic analysis. Diabetologia, 2017, 60, 475-489.	2.9	31
23	Longitudinal three-dimensional visualisation of autoimmune diabetes by functional optical coherence imaging. Diabetologia, 2016, 59, 550-559.	2.9	30
24	Serotonin competence of mouse beta cells during pregnancy. Diabetologia, 2016, 59, 1356-1363.	2.9	29
25	Adrenal hormones mediate disease tolerance in malaria. Nature Communications, 2018, 9, 4525.	5.8	27
26	Functional peroxisomes are required for Î²-cell integrity in mice. Molecular Metabolism, 2019, 22, 71-83.	3.0	27
27	Prior in vitro exposure to GLP-1 with or without GIP can influence the subsequent beta cell responsiveness. Biochemical Pharmacology, 2004, 68, 33-39.	2.0	23
28	COX6A2 variants cause a muscleâ€specific cytochrome c oxidase deficiency. Annals of Neurology, 2019, 86, 193-202.	2.8	21
29	Loss of Furin in Î²-Cells Induces an mTORC1-ATF4 Anabolic Pathway That Leads to Î²-Cell Dysfunction. Diabetes, 2021, 70, 492-503.	0.3	20
30	How stable is repression of disallowed genes in pancreatic islets in response to metabolic stress?. PLoS ONE, 2017, 12, e0181651.	1.1	16
31	GC content of vertebrate exome landscapes reveal areas of accelerated protein evolution. BMC Evolutionary Biology, 2019, 19, 144.	3.2	15
32	Effect of a transcriptional inactive or absent vitamin D receptor on beta-cell function and glucose homeostasis in mice. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 309-317.	1.2	13
33	Inflammationâ€induced Downregulation of Butyrate Uptake and Oxidation Is Not Caused by a Reduced Gene Expression. Journal of Cellular Physiology, 2015, 230, 418-426.	2.0	9
34	Sequencing refractory regions in bird genomes are hotspots for accelerated protein evolution. Bmc Ecology and Evolution, 2021, 21, 176.	0.7	8
35	Transgenic Artifacts Caused by Passenger Human Growth Hormone. Trends in Endocrinology and Metabolism, 2018, 29, 670-674.	3.1	5
36	Comparative genomics: beyond the horizon of the next research grant. Diabetologia, 2015, 58, 1720-1724.	2.9	3

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37	Regional effect on the molecular clock rate of protein evolution in Eutherian and Metatherian genomes. Bmc Ecology and Evolution, 2021, 21, 153.	0.7	0