

Raphael Roduit

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1168170/publications.pdf>

Version: 2024-02-01

39
papers

3,264
citations

257450
24
h-index

315739
38
g-index

39
all docs

39
docs citations

39
times ranked

3647
citing authors

#	ARTICLE	IF	CITATIONS
1	Saturated Fatty Acids Synergize with Elevated Glucose to Cause Pancreatic β -Cell Death. <i>Endocrinology</i> , 2003, 144, 4154-4163.	2.8	527
2	Glucagon-like peptide-1 promotes DNA synthesis, activates phosphatidylinositol 3-kinase and increases transcription factor pancreatic and duodenal homeobox gene 1 (PDX-1) DNA binding activity in beta (INS-1)-cells. <i>Diabetologia</i> , 1999, 42, 856-864.	6.3	383
3	Malonyl-CoA Signaling, Lipid Partitioning, and Glucolipotoxicity: Role in β -Cell Adaptation and Failure in the Etiology of Diabetes. <i>Diabetes</i> , 2002, 51, S405-S413.	0.6	380
4	Insulin secretion is regulated by the glucose-dependent production of islet β cell macrophage migration inhibitory factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 4782-4787.	7.1	197
5	Intracellular Stress Signaling Pathways Activated During Human Islet Preparation and Following Acute Cytokine Exposure. <i>Diabetes</i> , 2004, 53, 2815-2823.	0.6	170
6	A Role for the Malonyl-CoA/Long-Chain Acyl-CoA Pathway of Lipid Signaling in the Regulation of Insulin Secretion in Response to Both Fuel and Nonfuel Stimuli. <i>Diabetes</i> , 2004, 53, 1007-1019.	0.6	164
7	Activation of Malonyl-CoA Decarboxylase in Rat Skeletal Muscle by Contraction and the AMP-activated Protein Kinase Activator 5-Aminoimidazole-4-carboxamide-1- β -D-ribofuranoside. <i>Journal of Biological Chemistry</i> , 2000, 275, 24279-24283.	3.4	162
8	Glucose Down-regulates the Expression of the Peroxisome Proliferator-activated Receptor- α Gene in the Pancreatic β -Cell. <i>Journal of Biological Chemistry</i> , 2000, 275, 35799-35806.	3.4	145
9	Dexamethasone Induces Posttranslational Degradation of GLUT2 and Inhibition of Insulin Secretion in Isolated Pancreatic β Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 3216-3222.	3.4	131
10	A Role for Hormone-Sensitive Lipase in Glucose-Stimulated Insulin Secretion: A Study in Hormone-Sensitive Lipase-Deficient Mice. <i>Diabetes</i> , 2001, 50, 1970-1975.	0.6	113
11	MAP kinase pathways in UV-induced apoptosis of retinal pigment epithelium ARPE19 cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 343-353.	4.9	101
12	Glucose and leptin induce apoptosis in human β -cells and impair glucose-stimulated insulin secretion through activation of c-Jun N-terminal kinases. <i>FASEB Journal</i> , 2008, 22, 1905-1913.	0.5	94
13	Pancreatic Islet Adaptation to Fasting Is Dependent on Peroxisome Proliferator-Activated Receptor α Transcriptional Up-Regulation of Fatty Acid Oxidation. <i>Endocrinology</i> , 2005, 146, 375-382.	2.8	89
14	Circadian regulation of islet genes involved in insulin production and secretion. <i>Molecular and Cellular Endocrinology</i> , 2004, 226, 59-66.	3.2	87
15	Mutations in NR2E3 can cause dominant or recessive retinal degenerations in the same family. <i>Human Mutation</i> , 2009, 30, 342-351.	2.5	60
16	Inhibition of glucose-induced insulin secretion by long-term preexposure of pancreatic islets to leptin. <i>FEBS Letters</i> , 1997, 415, 179-182.	2.8	44
17	A unique set of SH3-SH3 interactions controls IB1 homodimerization. <i>EMBO Journal</i> , 2006, 25, 785-797.	7.8	38
18	The loss of GLUT2 expression in the pancreatic β -cells of diabetic db/db mice is associated with an impaired DNA-binding activity of islet-specific trans-acting factors. <i>Molecular and Cellular Endocrinology</i> , 1997, 135, 59-65.	3.2	36

#	ARTICLE	IF	CITATIONS
19	Cloning and expression of rat pancreatic β -cell malonyl-CoA decarboxylase. Biochemical Journal, 1999, 340, 213-217.	3.7	33
20	Mutations in the DNA-Binding Domain of NR2E3 Affect In Vivo Dimerization and Interaction with CRX. PLoS ONE, 2009, 4, e7379.	2.5	32
21	Autophagy Defect Is Associated with Low Glucose-Induced Apoptosis in 661W Photoreceptor Cells. PLoS ONE, 2013, 8, e74162.	2.5	31
22	Lipoprotein Lipase and Leptin Are Accumulated in Different Secretory Compartments in Rat Adipocytes. Journal of Biological Chemistry, 2001, 276, 35990-35994.	3.4	28
23	Acute Hypoglycemia Induces Retinal Cell Death in Mouse. PLoS ONE, 2011, 6, e21586.	2.5	28
24	Homogeneous and Nonradioactive High-Throughput Screening Platform for the Characterization of Kinase Inhibitors in Cell Lysates. Journal of Biomolecular Screening, 2006, 11, 1015-1026.	2.6	27
25	DcR3/TR6 Effectively Prevents Islet Primary Nonfunction After Transplantation. Diabetes, 2003, 52, 2279-2286.	0.6	24
26	Malonyl-CoA decarboxylase is present in the cytosolic, mitochondrial and peroxisomal compartments of rat hepatocytes. FEBS Letters, 2005, 579, 6581-6586.	2.8	23
27	Glucose represses PPAR γ gene expression via AMP-activated protein kinase but not via p38 mitogen-activated protein kinase in the pancreatic β -cell. Journal of Diabetes, 2009, 1, 263-272.	1.8	20
28	Calcium- and Proteasome-dependent Degradation of the JNK Scaffold Protein Islet-brain 1. Journal of Biological Chemistry, 2003, 278, 48720-48726.	3.4	18
29	Complement Factor B Polymorphism and the Phenotype of Early Age-related Macular Degeneration. Ophthalmic Genetics, 2014, 35, 12-17.	1.2	17
30	Cloning and expression of rat pancreatic β -cell malonyl-CoA decarboxylase. Biochemical Journal, 1999, 340, 213.	3.7	14
31	Molecular Biomarkers of Neovascular Age-Related Macular Degeneration With Incomplete Response to Anti-Vascular Endothelial Growth Factor Treatment. Frontiers in Pharmacology, 2020, 11, 594087.	3.5	12
32	Loss of Extracellular Signal-Regulated Kinase 1/2 in the Retinal Pigment Epithelium Leads to RPE65 Decrease and Retinal Degeneration. Molecular and Cellular Biology, 2017, 37, .	2.3	11
33	Biological Characterization of Gene Response to Insulin-Induced Hypoglycemia in Mouse Retina. PLoS ONE, 2016, 11, e0150266.	2.5	6
34	Bis-Retinoid A2E Induces an Increase of Basic Fibroblast Growth Factor via Inhibition of Extracellular Signal-Regulated Kinases 1/2 Pathway in Retinal Pigment Epithelium Cells and Facilitates Phagocytosis.2. Frontiers in Aging Neuroscience, 2017, 9, 43.	3.4	5
35	GSH-Independent Induction of ER Stress during Hypoglycaemia in the Retinal Cells of Mice. Journal of Clinical Medicine, 2021, 10, 2529.	2.4	4
36	CNGB3 Missense Variant Causes Recessive Achromatopsia in Original Braunvieh Cattle. International Journal of Molecular Sciences, 2021, 22, 12440.	4.1	4

#	ARTICLE	IF	CITATIONS
37	ERK1/2 pathway is activated in degenerated Rpe65-deficient mice. Experimental Eye Research, 2013, 116, 86-95.	2.6	3
38	Regulated expression of GLUT2 in diabetes studied in transplanted pancreatic Î² cells. Biochemical Society Transactions, 1994, 22, 684-687.	3.4	2
39	Hypoglycemia and Retinal Cell Death. , 2014, , 627-636.		1