

Louis H Philipson

List of Publications by Year in descending order

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143
papers

10,386
citations

34493

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40945

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145
docs citations

145
times ranked

13370
citing authors

#	ARTICLE	IF	CITATIONS
1	The Longer-Term Benefits and Harms of Glucagon-Like Peptide-1 Receptor Agonists: a Systematic Review and Meta-Analysis. <i>Journal of General Internal Medicine</i> , 2022, 37, 415-438.	1.3	13
2	Longer-term Benefits and Risks of Sodium-Glucose Cotransporter-2 Inhibitors in Type 2 Diabetes: a Systematic Review and Meta-analysis. <i>Journal of General Internal Medicine</i> , 2022, 37, 439-448.	1.3	8
3	ADA/EASD Precision Medicine in Diabetes Initiative: An International Perspective and Future Vision for Precision Medicine in Diabetes. <i>Diabetes Care</i> , 2022, 45, 261-266.	4.3	53
4	Benefit of Continuous Glucose Monitoring in Reducing Hypoglycemia Is Sustained Through 12 Months of Use Among Older Adults with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2022, 24, 424-434.	2.4	27
5	Precision diabetes: Lessons learned from <sc>maturity-onset</sc> diabetes of the young (MODY). <i>Journal of Diabetes Investigation</i> , 2022, 13, 1465-1471.	1.1	14
6	Approach to the Patient with MODY-Monogenic Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 237-250.	1.8	65
7	The demise of islet allotransplantation in the United States: A call for an urgent regulatory update. <i>American Journal of Transplantation</i> , 2021, 21, 1365-1375.	2.6	33
8	Monogenic Diabetes Mellitus: Neonatal Diabetes and Maturity-Onset Diabetes of the Young. , 2021, , 279-298.		3
9	Post-Hoc Analysis of a Randomized, Double Blind, Prospective Study at the University of Chicago: Additional Standardizations of Trial Protocol are Needed to Evaluate the Effect of a CXCR1/2 Inhibitor in Islet Allotransplantation. <i>Cell Transplantation</i> , 2021, 30, 096368972110017.	1.2	8
10	Transparent, Compliant 3D Mesostructures for Precise Evaluation of Mechanical Characteristics of Organoids. <i>Advanced Materials</i> , 2021, 33, e2100026.	11.1	23
11	3D Microstructures: Transparent, Compliant 3D Mesostructures for Precise Evaluation of Mechanical Characteristics of Organoids (<i>Adv. Mater.</i> 25/2021). <i>Advanced Materials</i> , 2021, 33, 2170196.	11.1	0
12	Diabetes With Multiple Autoimmune and Inflammatory Conditions Linked to an Activating SKAP2 Mutation. <i>Diabetes Care</i> , 2021, 44, 1816-1825.	4.3	5
13	Integrated Analysis of the Pancreas and Islets Reveals Unexpected Findings in Human Male With Type 1 Diabetes. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab162.	0.1	0
14	Developmental defects and impaired network excitability in a cerebral organoid model of KCNJ11 p.V59M-related neonatal diabetes. <i>Scientific Reports</i> , 2021, 11, 21590.	1.6	7
15	Insight on Diagnosis and Treatment From Over a Decade of Research Through the University of Chicago Monogenic Diabetes Registry. <i>Frontiers in Clinical Diabetes and Healthcare</i> , 2021, 2, .	0.3	5
16	307.5: Modified Approach Allowed for Improved Islet Allotransplantation Into Pre-vascularized Sernova Cell Pouch™ Device - Preliminary Results of the Phase I/II Clinical Trial at University of Chicago. <i>Transplantation</i> , 2021, 105, S25-S25.	0.5	5
17	Islets Transplantation at a Crossroads - Need for Urgent Regulatory Update in the United States: Perspective Presented During the Scientific Sessions 2021 at the American Diabetes Association Congress. <i>Frontiers in Endocrinology</i> , 2021, 12, 789526.	1.5	4
18	Harnessing heterogeneity in type 2 diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2020, 16, 79-80.	4.3	25

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19	Monogenic Diabetes: From Genetic Insights to Population-Based Precision in Care. Reflections From a <i>Diabetes Care</i> Editors' Expert Forum. <i>Diabetes Care</i> , 2020, 43, 3117-3128.	4.3	65
20	Effect of Continuous Glucose Monitoring on Hypoglycemia in Older Adults With Type 1 Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 2397.	3.8	191
21	Exenatide extended release in patients with type 1 diabetes with and without residual insulin production. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 2045-2054.	2.2	13
22	Precision medicine in diabetes: a Consensus Report from the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetologia</i> , 2020, 63, 1671-1693.	2.9	102
23	Precision Medicine in Diabetes: A Consensus Report From the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetes Care</i> , 2020, 43, 1617-1635.	4.3	204
24	Integrated Pancreatic Blood Flow: Bidirectional Microcirculation Between Endocrine and Exocrine Pancreas. <i>Diabetes</i> , 2020, 69, 1439-1450.	0.3	52
25	GCK-MODY in the US Monogenic Diabetes Registry: Description of 27 unpublished variants. <i>Diabetes Research and Clinical Practice</i> , 2019, 151, 231-236.	1.1	14
26	Iatrogenic Hyperinsulinemia, Not Hyperglycemia, Drives Insulin Resistance in Type 1 Diabetes as Revealed by Comparison With GCK-MODY (MODY2). <i>Diabetes</i> , 2019, 68, 1565-1576.	0.3	31
27	Management and pregnancy outcomes of women with GCK-MODY enrolled in the US Monogenic Diabetes Registry. <i>Acta Diabetologica</i> , 2019, 56, 405-411.	1.2	40
28	β -Cell Function and Gene Expression Are Compromised in Type 1 Diabetes. <i>Cell Reports</i> , 2018, 22, 2667-2676.	2.9	152
29	Multi-level supervision and modification of artificial pancreas control system. <i>Computers and Chemical Engineering</i> , 2018, 112, 57-69.	2.0	10
30	Early Intensive Insulin Use May Preserve β -Cell Function in Neonatal Diabetes Due to Mutations in the Proinsulin Gene. <i>Journal of the Endocrine Society</i> , 2018, 2, 1-8.	0.1	13
31	Pancreatic Histopathology of Human Monogenic Diabetes Due to Causal Variants in <i>KCNJ11</i> , <i>HNF1A</i> , <i>GATA6</i> , and <i>LMNA</i> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 35-45.	1.8	17
32	Simultaneous Real-Time Measurement of the β -Cell Membrane Potential and Ca^{2+} Influx to Assess the Role of Potassium Channels on β -Cell Function. <i>Methods in Molecular Biology</i> , 2018, 1684, 73-84.	0.4	2
33	Comparative evaluation of simple indices using a single fasting blood sample to estimate beta cell function after islet transplantation. <i>American Journal of Transplantation</i> , 2018, 18, 990-997.	2.6	12
34	<i>FOXP3</i> mutations causing early-onset insulin-requiring diabetes but without other features of immune dysregulation, polyendocrinopathy, enteropathy, X-linked syndrome. <i>Pediatric Diabetes</i> , 2018, 19, 388-392.	1.2	25
35	Monogenic Diabetes in Children and Adolescents: Recognition and Treatment Options. <i>Current Diabetes Reports</i> , 2018, 18, 58.	1.7	67
36	Precision medicine in <i>KCNJ11</i> permanent neonatal diabetes. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 594-595.	5.5	2

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37	Human islets expressing HNF1A variant have defective β cell transcriptional regulatory networks. <i>Journal of Clinical Investigation</i> , 2018, 129, 246-251.	3.9	65
38	Case Report: Preservation of Reduced Numbers of Insulin-Positive Cells in Sulfonylurea-Unresponsive <i>KCNJ11</i> -related Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-2826.	1.8	24
39	Diabetes Presentation in Infancy: High Risk of Diabetic Ketoacidosis. <i>Diabetes Care</i> , 2017, 40, e147-e148.	4.3	44
40	Correlative imaging across microscopy platforms using the fast and accurate relocation of microscopic experimental regions (FARMER) method. <i>Review of Scientific Instruments</i> , 2017, 88, 053702.	0.6	4
41	A Clinical Guide to Monogenic Diabetes. , 2016, , 21-30.		14
42	Growth Hormone-Releasing Hormone in Diabetes. <i>Frontiers in Endocrinology</i> , 2016, 7, 129.	1.5	32
43	The Brain-to-Pancreatic Islet Neuronal Map Reveals Differential Glucose Regulation From Distinct Hypothalamic Regions. <i>Diabetes</i> , 2016, 65, 2711-2723.	0.3	73
44	GCK-MODY in the US National Monogenic Diabetes Registry: frequently misdiagnosed and unnecessarily treated. <i>Acta Diabetologica</i> , 2016, 53, 703-708.	1.2	59
45	A Transient Metabolic Recovery from Early Life Glucose Intolerance in Cystic Fibrosis Ferrets Occurs During Pancreatic Remodeling. <i>Endocrinology</i> , 2016, 157, 1852-1865.	1.4	37
46	Outcomes of Pancreatic Islet Allotransplantation Using the Edmonton Protocol at the University of Chicago. <i>Transplantation Direct</i> , 2016, 2, e105.	0.8	17
47	TCF1 links GIPR signaling to the control of beta cell function and survival. <i>Nature Medicine</i> , 2016, 22, 84-90.	15.2	108
48	Pancreatic Beta Cell G-Protein Coupled Receptors and Second Messenger Interactions: A Systems Biology Computational Analysis. <i>PLoS ONE</i> , 2016, 11, e0152869.	1.1	36
49	Insulin Dosing in Pediatric Diabetic Ketoacidosis. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 2274.	3.8	0
50	Chronic hyperglycemia downregulates GLP-1 receptor signaling in pancreatic β -cells via protein kinase A. <i>Molecular Metabolism</i> , 2015, 4, 265-276.	3.0	54
51	Loss of Liver Kinase B1 (LKB1) in Beta Cells Enhances Glucose-stimulated Insulin Secretion Despite Profound Mitochondrial Defects. <i>Journal of Biological Chemistry</i> , 2015, 290, 20934-20946.	1.6	36
52	PGC-1 coactivators in β -cells regulate lipid metabolism and are essential for insulin secretion coupled to fatty acids. <i>Molecular Metabolism</i> , 2015, 4, 811-822.	3.0	46
53	Donald F. Steiner MD, 1930-2014: Discoverer of proinsulin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 940-941.	3.3	3
54	A Review of the Mental Health Issues of Diabetes Conference. <i>Diabetes Care</i> , 2015, 38, 333-338.	4.3	59

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55	Continued lessons from the <i>INS</i> gene: an intronic mutation causing diabetes through a novel mechanism. <i>Journal of Medical Genetics</i> , 2015, 52, 612-616.	1.5	25
56	Role of Noninsulin Therapies Alone or in Combination in Chromosome 6q24-Related Transient Neonatal Diabetes: Sulfonylurea Improves but Does Not Always Normalize Insulin Secretion. <i>Diabetes Care</i> , 2015, 38, e86-e87.	4.3	25
57	Age at the time of sulfonylurea initiation influences treatment outcomes in <i>KCNJ11</i> -related neonatal diabetes. <i>Diabetologia</i> , 2015, 58, 1430-1435.	2.9	69
58	An online monogenic diabetes discussion group: supporting families and fueling new research. <i>Translational Research</i> , 2015, 166, 425-431.	2.2	6
59	Update on Diabetes Classification. <i>Medical Clinics of North America</i> , 2015, 99, 1-16.	1.1	114
60	Dynamin 2 regulates biphasic insulin secretion and plasma glucose homeostasis. <i>Journal of Clinical Investigation</i> , 2015, 125, 4026-4041.	3.9	36
61	<i>MODY3</i> and Pancreatic Transplant: Making a Case for Universal <i>MODY</i> Screening Before Transplant. <i>AACE Clinical Case Reports</i> , 2015, 1, e123-e126.	0.4	1
62	Quantifying Insulin Sensitivity and Entero-Insular Responsiveness to Hyper- and Hypoglycemia in Ferrets. <i>PLoS ONE</i> , 2014, 9, e90519.	1.1	5
63	Genetic Complexity in a <i>Drosophila</i> Model of Diabetes-Associated Misfolded Human Proinsulin. <i>Genetics</i> , 2014, 196, 539-555.	1.2	30
64	Microcephaly, epilepsy, and neonatal diabetes due to compound heterozygous mutations in <i>IER3IP1</i> : insights into the natural history of a rare disorder. <i>Pediatric Diabetes</i> , 2014, 15, 252-256.	1.2	38
65	The Mental Health Comorbidities of Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 691.	3.8	248
66	Routine Depression Screening for Patients With Diabetes—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 2413.	3.8	2
67	The Role of β Cell Glucagon-like Peptide-1 Signaling in Glucose Regulation and Response to Diabetes Drugs. <i>Cell Metabolism</i> , 2014, 19, 1050-1057.	7.2	139
68	Sulfonylurea Treatment Before Genetic Testing in Neonatal Diabetes: Pros and Cons. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2709-E2714.	1.8	54
69	Insulin regulates carboxypeptidase E by modulating translation initiation scaffolding protein eIF4G1 in pancreatic β cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2319-28.	3.3	42
70	Cost-Effectiveness of <i>MODY</i> Genetic Testing: Translating Genomic Advances Into Practical Health Applications. <i>Diabetes Care</i> , 2014, 37, 202-209.	4.3	114
71	Type 2 Diabetes and Congenital Hyperinsulinism Cause DNA Double-Strand Breaks and p53 Activity in β Cells. <i>Cell Metabolism</i> , 2014, 19, 109-121.	7.2	123
72	Lean versus obese diabetes mellitus patients in the United States minority population. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 500-505.	1.2	48

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73	Distribution of directional change as a signature of complex dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19689-19694.	3.3	105
74	Neonatal diabetes: the brain comes into focus. Lancet Diabetes and Endocrinology, 2013, 1, 167-168.	5.5	0
75	Genome wide association studies for diabetes: perspective on results and challenges. Pediatric Diabetes, 2013, 14, 90-96.	1.2	26
76	Intracellular transport of insulin granules is a subordinated random walk. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4911-4916.	3.3	296
77	Î²-Cell-Specific Protein Kinase A Activation Enhances the Efficiency of Glucose Control by Increasing Acute-Phase Insulin Secretion. Diabetes, 2013, 62, 1527-1536.	0.3	58
78	Transgenic zebrafish model of the C43G human insulin gene mutation. Journal of Diabetes Investigation, 2013, 4, 157-167.	1.1	12
79	Metastatic Insulinoma Following Resection of Nonsecreting Pancreatic Islet Cell Tumor. Journal of Investigative Medicine High Impact Case Reports, 2013, 1, 232470961247327.	0.3	4
80	A computational systems analysis of factors regulating Î± cell glucagon secretion. Islets, 2012, 4, 262-283.	0.9	11
81	Genetics and pathophysiology of neonatal diabetes mellitus. Journal of Diabetes Investigation, 2011, 2, 158-169.	1.1	81
82	Who should have genetic testing for maturity-onset diabetes of the young?. Clinical Endocrinology, 2011, 75, 422-426.	1.2	68
83	Coupling of metabolic, second messenger pathways and insulin granule dynamics in pancreatic beta-cells: A computational analysis. Progress in Biophysics and Molecular Biology, 2011, 107, 293-303.	1.4	21
84	Neonatal Diabetes: An Expanding List of Genes Allows for Improved Diagnosis and Treatment. Current Diabetes Reports, 2011, 11, 519-532.	1.7	99
85	Creation of the Web-Based University of Chicago Monogenic Diabetes Registry: Using Technology to Facilitate Longitudinal Study of Rare Subtypes of Diabetes. Journal of Diabetes Science and Technology, 2011, 5, 879-886.	1.3	23
86	The Cost-Effectiveness of Personalized Genetic Medicine. Diabetes Care, 2011, 34, 622-627.	4.3	80
87	Update in neonatal diabetes. Current Opinion in Endocrinology, Diabetes and Obesity, 2010, 17, 13-19.	1.2	37
88	Clinical and molecular genetics of neonatal diabetes due to mutations in the insulin gene. Reviews in Endocrine and Metabolic Disorders, 2010, 11, 205-215.	2.6	123
89	Disruption of the clock components CLOCK and BMAL1 leads to hypoinsulinaemia and diabetes. Nature, 2010, 466, 627-631.	13.7	1,261
90	Calcium-activated and voltage-gated potassium channels of the pancreatic islet impart distinct and complementary roles during secretagogue induced electrical responses. Journal of Physiology, 2010, 588, 3525-3537.	1.3	62

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91	Genetic Testing in Diabetes Mellitus. , 2010, , 17-25.		3
92	Conditional Gene Targeting in Mouse Pancreatic β -Cells. Diabetes, 2010, 59, 3090-3098.	0.3	288
93	In vitro processing and secretion of mutant insulin proteins that cause permanent neonatal diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E403-E410.	1.8	72
94	Response to Jentsch et al.. Cell Metabolism, 2010, 12, 310.	7.2	0
95	Neonatal diabetes mellitus: A model for personalized medicine. Trends in Endocrinology and Metabolism, 2010, 21, 464-472.	3.1	70
96	Blood Sugar Measurement in Zebrafish Reveals Dynamics of Glucose Homeostasis. Zebrafish, 2010, 7, 205-213.	0.5	172
97	Tooth Discoloration in Patients With Neonatal Diabetes After Transfer Onto Glibenclamide: A previously unreported side effect. Diabetes Care, 2009, 32, 1428-1430.	4.3	39
98	The β -Cell Conundrum: ATP-Sensitive K ⁺ Channels and Glucose Sensing. Diabetes, 2009, 58, 304-306.	0.3	12
99	Leptin Deficiency and Beta-Cell Dysfunction Underlie Type 2 Diabetes in Compound Akt Knockout Mice. Molecular and Cellular Biology, 2009, 29, 3151-3162.	1.1	54
100	The Granular Chloride Channel ClC-3 Is Permissive for Insulin Secretion. Cell Metabolism, 2009, 10, 316-323.	7.2	58
101	A Nanoporous, Transparent Microcontainer for Encapsulated Islet Therapy. Journal of Diabetes Science and Technology, 2009, 3, 297-303.	1.3	17
102	Diagnosis and treatment of neonatal diabetes: an United States experience. Pediatric Diabetes, 2008, 9, 450-459.	1.2	115
103	Reversible translocation of EYFP-tagged STIM1 is coupled to calcium influx in insulin secreting β -cells. Cell Calcium, 2008, 44, 533-544.	1.1	49
104	Single Particle Image Reconstruction of the Human Recombinant Kv2.1 Channel. Biophysical Journal, 2008, 94, 2106-2114.	0.2	19
105	When BAD Is Good for β Cells. Cell Metabolism, 2008, 7, 280-281.	7.2	5
106	The chemistrode: A droplet-based microfluidic device for stimulation and recording with high temporal, spatial, and chemical resolution. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16843-16848.	3.3	208
107	Mutations in the Insulin Gene Can Cause MODY and Autoantibody-Negative Type 1 Diabetes. Diabetes, 2008, 57, 1131-1135.	0.3	184
108	Insulin Mutation Screening in 1,044 Patients With Diabetes. Diabetes, 2008, 57, 1034-1042.	0.3	347

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109	Ion Channels and Insulin Secretion. , 2008, , 91-110.		2
110	Modulation of the Pancreatic Islet β -Cell-delayed Rectifier Potassium Channel Kv2.1 by the Polyunsaturated Fatty Acid Arachidonate. Journal of Biological Chemistry, 2007, 282, 7442-7449.	1.6	51
111	Insulin gene mutations as a cause of permanent neonatal diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15040-15044.	3.3	494
112	Kv2.1 Ablation Alters Glucose-Induced Islet Electrical Activity, Enhancing Insulin Secretion. Cell Metabolism, 2007, 6, 229-235.	7.2	157
113	Recovery of Islet β -Cell Function in Streptozotocin- Induced Diabetic Mice: An Indirect Role for the Spleen. Diabetes, 2006, 55, 3256-3263.	0.3	83
114	Reversal of Diabetes in Non-Obese Diabetic Mice Without Spleen Cell-Derived β Cell Regeneration. Science, 2006, 311, 1774-1775.	6.0	120
115	Cold climate genes and the prevalence of type 2 diabetes mellitus. Medical Hypotheses, 2006, 67, 1034-1041.	0.8	25
116	Functional MR Microimaging of Pancreatic β -Cell Activation. Cell Transplantation, 2006, 15, 195-203.	1.2	63
117	Reactive species and early manifestation of insulin resistance in type 2 diabetes. Diabetes, Obesity and Metabolism, 2006, 8, 136-145.	2.2	135
118	Reactive Species, Cellular Repair and Risk Factors in the Onset of Type 2 Diabetes Mellitus: Review and Hypothesis. Current Diabetes Reviews, 2006, 2, 241-259.	0.6	31
119	Response to Comment on Chong et al. on Diabetes Reversal in NOD Mice. Science, 2006, 314, 1243b-1243b.	6.0	5
120	Oxidative Reactive Species in Cell Injury: Mechanisms in Diabetes Mellitus and Therapeutic Approaches. Annals of the New York Academy of Sciences, 2005, 1066, 136-151.	1.8	95
121	Delayed-rectifier (KV2.1) regulation of pancreatic β -cell calcium responses to glucose: inhibitor specificity and modeling. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E578-E585.	1.8	43
122	Inositol (1,4,5)-Trisphosphate Dynamics and Intracellular Calcium Oscillations in Pancreatic β -Cells. Diabetes, 2005, 54, 3073-3081.	0.3	48
123	5-Amino-imidazole carboxamide riboside acutely potentiates glucose-stimulated insulin secretion from mouse pancreatic islets by KATP channel-dependent and -independent pathways. Biochemical and Biophysical Research Communications, 2005, 330, 1073-1079.	1.0	45
124	Does the Glucose-Dependent Insulin Secretion Mechanism Itself Cause Oxidative Stress in Pancreatic β -Cells?. Diabetes, 2004, 53, 1942-1948.	0.3	139
125	Direct imaging shows that insulin granule exocytosis occurs by complete vesicle fusion. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9266-9271.	3.3	88
126	Small-Conductance Calcium-Activated K ⁺ Channels Are Expressed in Pancreatic Islets and Regulate Glucose Responses. Diabetes, 2003, 52, 2000-2006.	0.3	67

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127	Visualizing Superoxide Production in Normal and Diabetic Rat Islets of Langerhans. <i>Journal of Biological Chemistry</i> , 2003, 278, 9796-9801.	1.6	208
128	Insulin Secretory Deficiency and Glucose Intolerance in Rab3A Null Mice. <i>Journal of Biological Chemistry</i> , 2003, 278, 9715-9721.	1.6	110
129	Mutational analysis of predicted interactions between the catalytic and P domains of prohormone convertase 3 (PC3/PC1). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5622-5627.	3.3	21
130	Modeling of Ca ²⁺ flux in pancreatic \hat{I}^2 -cells: role of the plasma membrane and intracellular stores. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E138-E154.	1.8	115
131	\hat{I}^2 -Agonists and metabolism. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 110, S313-S317.	1.5	90
132	Overexpression of Bcl-x _L in \hat{I}^2 -cells prevents cell death but impairs mitochondrial signal for insulin secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 278, E340-E351.	1.8	99
133	The Status of Voltage-Dependent Calcium Channels in \hat{I}^2 Knock-Out Mice. <i>Journal of Neuroscience</i> , 2000, 20, 8566-8571.	1.7	151
134	\hat{I}^2 -Cell Ion Channels: Keys to Endodermal Excitability. <i>Hormone and Metabolic Research</i> , 1999, 31, 455-461.	0.7	25
135	Characterization of a Ca ²⁺ Release-activated Nonselective Cation Current Regulating Membrane Potential and [Ca ²⁺] Oscillations in Transgenically Derived \hat{I}^2 -Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 10402-10410.	1.6	104
136	Defective Pancreatic \hat{I}^2 -Cell Glycolytic Signaling in Hepatocyte Nuclear Factor-1 \hat{I}^2 -deficient Mice. <i>Journal of Biological Chemistry</i> , 1998, 273, 24457-24464.	1.6	149
137	Selective G-Protein Regulation of Neuronal Calcium Channels. <i>Journal of Neuroscience</i> , 1996, 16, 4617-4624.	1.7	63
138	Expression and Function of Pancreatic \hat{I}^2 -Cell Delayed Rectifier K ⁺ Channels. <i>Journal of Biological Chemistry</i> , 1996, 271, 32241-32246.	1.6	111
139	Functional Expression of an Epitope-tagged G protein-coupled K ⁺ Channel (GIRK1). <i>Journal of Biological Chemistry</i> , 1995, 270, 14604-14610.	1.6	23
140	Human G-Protein-Coupled Inwardly Rectifying Potassium Channel (GIRK1) Gene (KCNJ3): Localization to Chromosome 2 and Identification of a Simple Tandem Repeat Polymorphism. <i>Genomics</i> , 1994, 21, 254-256.	1.3	31
141	A small k ⁺ channel looms large. <i>Trends in Pharmacological Sciences</i> , 1992, 13, 8-11.	4.0	26
142	Regulation of Glycosaminoglycan Synthesis by Thyroid Hormone in Vitro. <i>Journal of Clinical Investigation</i> , 1982, 70, 1066-1073.	3.9	108
143	Preliminary characterization of a xylose acceptor prepared by hydrogen fluoride treatment of proteoglycan core protein. <i>Biochemical and Biophysical Research Communications</i> , 1980, 92, 618-623.	1.0	42