

Nils Billestrup

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71 papers	4,087 citations	31 h-index	63 g-index
71 ext. papers	4,353 ext. citations	5.9 avg, IF	4.63 L-index

#	Paper	IF	Citations
71	Butyrate Protects Pancreatic Beta Cells from Cytokine-Induced Dysfunction. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
70	Beta-cell dysfunction induced by non-cytotoxic concentrations of Interleukin-1 β s associated with changes in expression of beta-cell maturity genes and associated histone modifications. <i>Molecular and Cellular Endocrinology</i> , 2019 , 496, 110524	4.4	5
69	In-vitro and in-vivo studies supporting the therapeutic potential of ZP3022 in diabetes. <i>European Journal of Pharmacology</i> , 2017 , 815, 181-189	5.3	4
68	Inflammatory Cytokines Stimulate Bone Morphogenetic Protein-2 Expression and Release from Pancreatic Beta Cells. <i>Journal of Interferon and Cytokine Research</i> , 2016 , 36, 20-9	3.5	11
67	Aberrant Accumulation of the Diabetes Autoantigen GAD65 in Golgi Membranes in Conditions of ER Stress and Autoimmunity. <i>Diabetes</i> , 2016 , 65, 2686-99	0.9	21
66	TRAF2 mediates JNK and STAT3 activation in response to IL-1 β and IFN γ and facilitates apoptotic death of insulin-producing β cells. <i>Molecular and Cellular Endocrinology</i> , 2016 , 420, 24-36	4.4	14
65	JNK1 Deficient Insulin-Producing Cells Are Protected against Interleukin-1 β Induced Apoptosis Associated with Abrogated Myc Expression. <i>Journal of Diabetes Research</i> , 2016 , 2016, 1312705	3.9	7
64	Regulation of Pancreatic β Cell Function and Proliferation by Bone Morphogenetic Protein 4 (BMP4) In Vitro. <i>Endocrinology</i> , 2016 , 157, 3809-3820	4.8	3
63	The anti-diabetic effects of GLP-1-gastrin dual agonist ZP3022 in ZDF rats. <i>Peptides</i> , 2015 , 69, 47-55	3.8	20
62	Bone morphogenetic protein 4 inhibits insulin secretion from rodent beta cells through regulation of calbindin1 expression and reduced voltage-dependent calcium currents. <i>Diabetologia</i> , 2015 , 58, 1282-90	10.3	15
61	Surface-expressed insulin receptors as well as IGF-I receptors both contribute to the mitogenic effects of human insulin and its analogues. <i>Journal of Applied Toxicology</i> , 2015 , 35, 842-50	4.1	13
60	Compartmentalization of GABA synthesis by GAD67 differs between pancreatic beta cells and neurons. <i>PLoS ONE</i> , 2015 , 10, e0117130	3.7	23
59	Inhibition of beta cell growth and function by bone morphogenetic proteins. <i>Diabetologia</i> , 2014 , 57, 2546-54	6.5	22
58	CRFR1 activation protects against cytokine-induced β cell death. <i>Journal of Molecular Endocrinology</i> , 2014 , 53, 417-27	4.5	10
57	Impact of fetal and neonatal environment on beta cell function and development of diabetes. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2014 , 93, 1109-22	3.8	53
56	Lysine deacetylase inhibition prevents diabetes by chromatin-independent immunoregulation and β cell protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1055-9	11.5	49
55	JNK1 protects against glucolipotoxicity-mediated beta-cell apoptosis. <i>PLoS ONE</i> , 2014 , 9, e87067	3.7	31

54	Co-ordinated regulation of neurogenin-3 expression in the maternal and fetal pancreas during pregnancy. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014 , 93, 1190-7	3.8	12
53	Implications for the offspring of circulating factors involved in beta cell adaptation in pregnancy. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014 , 93, 1181-9	3.8	7
52	Divalent metal transporter 1 regulates iron-mediated ROS and pancreatic β cell fate in response to cytokines. <i>Cell Metabolism</i> , 2012 , 16, 449-61	24.6	101
51	Histone deacetylase (HDAC) inhibition as a novel treatment for diabetes mellitus. <i>Molecular Medicine</i> , 2011 , 17, 378-90	6.2	188
50	Direct demonstration of NCAM cis-dimerization and inhibitory effect of palmitoylation using the BRET2 technique. <i>FEBS Letters</i> , 2011 , 585, 58-64	3.8	9
49	Endothelial progenitor cells in long-standing asymptomatic type 1 diabetic patients with or without diabetic nephropathy. <i>Nephron Clinical Practice</i> , 2011 , 118, c309-14		6
48	Identifying a novel inhibitor of β cell function, Id1. <i>Diabetes</i> , 2011 , 60, 2455-6	0.9	1
47	CRFR1 is expressed on pancreatic beta cells, promotes beta cell proliferation, and potentiates insulin secretion in a glucose-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 912-7	11.5	53
46	Deficient SOCS3 and SHP-1 expression in psoriatic T cells. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 1590-7	4.3	36
45	Dissociation between skeletal muscle inhibitor-kappaB kinase/nuclear factor-kappaB pathway activity and insulin sensitivity in nondiabetic twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 414-21	5.6	10
44	Proinflammatory cytokines activate the intrinsic apoptotic pathway in beta-cells. <i>Diabetes</i> , 2009 , 58, 1807-15	0.9	162
43	Impact of fasting on growth hormone signaling and action in muscle and fat. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 965-72	5.6	31
42	Inhibition of nuclear factor-kappaB or Bax prevents endoplasmic reticulum stress- but not nitric oxide-mediated apoptosis in INS-1E cells. <i>Endocrinology</i> , 2009 , 150, 4094-103	4.8	31
41	The ectopic expression of Pax4 in the mouse pancreas converts progenitor cells into alpha and subsequently beta cells. <i>Cell</i> , 2009 , 138, 449-62	56.2	421
40	Suppressor of cytokine signalling-3 inhibits Tumor necrosis factor-alpha induced apoptosis and signalling in beta cells. <i>Molecular and Cellular Endocrinology</i> , 2009 , 311, 32-8	4.4	31
39	Dedifferentiation for replication of human beta-cells: a division between mice and men?. <i>Diabetes</i> , 2008 , 57, 1457-8	0.9	3
38	Cytokines and beta-cell biology: from concept to clinical translation. <i>Endocrine Reviews</i> , 2008 , 29, 334-50	27.2	171
37	STAT5 activity in pancreatic β cells. <i>Expert Review of Endocrinology and Metabolism</i> , 2008 , 3, 423-439	4.1	5

36	Effects of growth hormone on glucose and fat metabolism in human subjects. <i>Endocrinology and Metabolism Clinics of North America</i> , 2007 , 36, 75-87	5.5	49
35	Diabetes and suppressors of cytokine signaling proteins. <i>Diabetes</i> , 2007 , 56, 541-8	0.9	48
34	Suppressor of cytokine Signaling-3 inhibits interleukin-1 signaling by targeting the TRAF-6/TAK1 complex. <i>Molecular Endocrinology</i> , 2006 , 20, 1587-96		134
33	GH receptor signaling in skeletal muscle and adipose tissue in human subjects following exposure to an intravenous GH bolus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E899-905	6	66
32	Calcium has a permissive role in interleukin-1beta-induced c-jun N-terminal kinase activation in insulin-secreting cells. <i>Endocrinology</i> , 2005 , 146, 3026-36	4.8	31
31	Antitumorigenic effect of proteasome inhibitors on insulinoma cells. <i>Endocrinology</i> , 2005 , 146, 1718-26	4.8	12
30	Growth hormone receptor expression and function in pituitary adenomas. <i>Clinical Endocrinology</i> , 2004 , 60, 576-83	3.4	2
29	Signal transducer and activator of transcription 5 activation is sufficient to drive transcriptional induction of cyclin D2 gene and proliferation of rat pancreatic beta-cells. <i>Molecular Endocrinology</i> , 2003 , 17, 945-58		87
28	Nuclear translocation and retention of growth hormone. <i>Endocrinology</i> , 2003 , 144, 3182-95	4.8	32
27	Biological evidence that SOCS-2 can act either as an enhancer or suppressor of growth hormone signaling. <i>Journal of Biological Chemistry</i> , 2002 , 277, 40181-4	5.4	130
26	The effect of suppressor of cytokine signaling 3 on GH signaling in beta-cells. <i>Molecular Endocrinology</i> , 2002 , 16, 2124-34		26
25	Interferon-alpha induces transient suppressors of cytokine signalling expression in human T cells. <i>Experimental and Clinical Immunogenetics</i> , 2001 , 18, 80-5		30
24	STAT3-mediated constitutive expression of SOCS-3 in cutaneous T-cell lymphoma. <i>Blood</i> , 2001 , 97, 1056-62		110
23	Growth hormone (GH)-independent dimerization of GH receptor by a leucine zipper results in constitutive activation. <i>Journal of Biological Chemistry</i> , 2000 , 275, 17000-7	5.4	21
22	Mutation of the SHP-2 binding site in growth hormone (GH) receptor prolongs GH-promoted tyrosyl phosphorylation of GH receptor, JAK2, and STAT5B. <i>Molecular Endocrinology</i> , 2000 , 14, 1338-50		112
21	Mechanism of inhibition of growth hormone receptor signaling by suppressor of cytokine signaling proteins. <i>Molecular Endocrinology</i> , 1999 , 13, 1832-43		173
20	Beta cell proliferation and growth factors. <i>Journal of Molecular Medicine</i> , 1999 , 77, 62-6	5.5	102
19	Regulation of glucose transport and c-fos and egr-1 expression in cells with mutated or endogenous growth hormone receptors. <i>Endocrinology</i> , 1998 , 139, 1863-71	4.8	36

18	Growth hormone preferentially induces the rapid, transient expression of SOCS-3, a novel inhibitor of cytokine receptor signaling. <i>Journal of Biological Chemistry</i> , 1998 , 273, 1285-7	5.4	242
17	Molecular mechanism of growth hormone signalling. <i>Endocrine Journal</i> , 1998 , 45 Suppl, S41-5	2.9	14
16	Growth hormone and prolactin stimulate the expression of rat preadipocyte factor-1/delta-like protein in pancreatic islets: molecular cloning and expression pattern during development and growth of the endocrine pancreas. <i>Endocrinology</i> , 1997 , 138, 3940-8	4.8	87
15	Identification of tyrosine residues in the intracellular domain of the growth hormone receptor required for transcriptional signaling and Stat5 activation. <i>Journal of Biological Chemistry</i> , 1996 , 271, 12669-73	5.4	84
14	Growth hormone, interferon-gamma, and leukemia inhibitory factor utilize insulin receptor substrate-2 in intracellular signaling. <i>Journal of Biological Chemistry</i> , 1996 , 271, 29415-21	5.4	102
13	Distinct cytoplasmic domains of the growth hormone receptor are required for glucocorticoid- and phorbol ester-induced decreases in growth hormone (GH) binding. These domains are different from that reported for GH-induced receptor internalization. <i>Journal of Biological Chemistry</i> , 1996 , 271, 16688-94	5.4	18
12	Growth hormone-promoted tyrosyl phosphorylation of SHC proteins and SHC association with Grb2. <i>Journal of Biological Chemistry</i> , 1995 , 270, 7587-93	5.4	122
11	Identification of phenylalanine 346 in the rat growth hormone receptor as being critical for ligand-mediated internalization and down-regulation. <i>Journal of Biological Chemistry</i> , 1995 , 270, 17210-4	5.4	65
10	Requirement of tyrosine residues 333 and 338 of the growth hormone (GH) receptor for selected GH-stimulated function. <i>Journal of Biological Chemistry</i> , 1995 , 270, 21745-50	5.4	29
9	Growth hormone-dependent phosphorylation of tyrosine 333 and/or 338 of the growth hormone receptor. <i>Journal of Biological Chemistry</i> , 1995 , 270, 21738-44	5.4	31
8	Growth hormone, interferon-gamma, and leukemia inhibitory factor promoted tyrosyl phosphorylation of insulin receptor substrate-1. <i>Journal of Biological Chemistry</i> , 1995 , 270, 14685-92	5.4	199
7	Identification of intracellular domains in the growth hormone receptor involved in signal transduction. <i>Experimental Biology and Medicine</i> , 1994 , 206, 205-9	3.7	10
6	The role of growth hormone and prolactin in beta cell growth and regeneration. <i>Advances in Experimental Medicine and Biology</i> , 1992 , 321, 9-17; discussion 19-20	3.6	23
5	The stimulatory effect of growth hormone, prolactin, and placental lactogen on beta-cell proliferation is not mediated by insulin-like growth factor-I. <i>Endocrinology</i> , 1991 , 129, 883-8	4.8	94
4	Growth hormone is a growth factor for the differentiated pancreatic beta-cell. <i>Molecular Endocrinology</i> , 1989 , 3, 165-73		104
3	Growth hormone binding to specific receptors stimulates growth and function of cloned insulin-producing rat insulinoma RIN-5AH cells. <i>Endocrinology</i> , 1985 , 116, 1175-81	4.8	46
2	Preparation of 125I-protein A usable for up to 10 months in immunoassays. <i>Journal of Immunological Methods</i> , 1984 , 71, 193-201	2.5	4
1	Growth Hormone and Prolactin Stimulate the Expression of Rat Preadipocyte Factor-1/Like Protein in Pancreatic Islets: Molecular Cloning and Expression Pattern during Development and Growth of the Endocrine Pancreas		29

