

# David J Hill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3588089/publications.pdf>

Version: 2024-02-01

171  
papers

7,771  
citations

34105

52  
h-index

60623

81  
g-index

176  
all docs

176  
docs citations

176  
times ranked

6582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone marrow-derived stem cells initiate pancreatic regeneration. <i>Nature Biotechnology</i> , 2003, 21, 763-770.	17.5	572
2	Neonatal beta-cell apoptosis: a trigger for autoimmune diabetes?. <i>Diabetes</i> , 2000, 49, 1-7.	0.6	318
3	Insulin as a Growth Factor. <i>Pediatric Research</i> , 1985, 19, 879-886.	2.3	224
4	Mammary cancer in transgenic mice expressing insulin-like growth factor II (IGF-II). <i>British Journal of Cancer</i> , 1995, 72, 1189-1193.	6.4	177
5	Identification of Somatomedin/Insulin-Like Growth Factor Immunoreactive Cells in the Human Fetus. <i>Pediatric Research</i> , 1987, 22, 245-249.	2.3	170
6	Neuropeptide Y is produced in visceral adipose tissue and promotes proliferation of adipocyte precursor cells via the Y1 receptor. <i>FASEB Journal</i> , 2008, 22, 2452-2464.	0.5	147
7	Prolactin-stimulated production of somatomedin by rat liver. <i>Nature</i> , 1975, 255, 167-168.	27.8	143
8	Effect of physical activity and/or healthy eating on GDM risk: The DALI Lifestyle Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-3455.	3.6	140
9	Adipose tissue gene expression profiling reveals distinct molecular pathways that define visceral adiposity in offspring of maternal protein-restricted rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E663-E673.	3.5	131
10	FETAL GROWTH CONTROL: THE ROLE OF INSULIN AND RELATED PEPTIDES. <i>Clinical Endocrinology</i> , 1984, 21, 415-433.	2.4	130
11	Pancreatic islet cell survival following islet isolation: the role of cellular interactions in the pancreas. <i>Journal of Endocrinology</i> , 1999, 161, 357-364.	2.6	127
12	Bi-functional action of transforming growth factor- $\beta$ on DNA synthesis in early passage human fetal fibroblasts. <i>Journal of Cellular Physiology</i> , 1986, 128, 322-328.	4.1	122
13	Disruption of the Dopamine D2 Receptor Impairs Insulin Secretion and Causes Glucose Intolerance. <i>Endocrinology</i> , 2010, 151, 1441-1450.	2.8	121
14	Epidemiology of gestational diabetes mellitus according to IADPSG/WHO 2013 criteria among obese pregnant women in Europe. <i>Diabetologia</i> , 2017, 60, 1913-1921.	6.3	117
15	Mitochondrial Calpain-1 Disrupts ATP Synthase and Induces Superoxide Generation in Type 1 Diabetic Hearts: A Novel Mechanism Contributing to Diabetic Cardiomyopathy. <i>Diabetes</i> , 2016, 65, 255-268.	0.6	112
16	Taurine Supplementation of a Low Protein Diet Fed to Rat Dams Normalizes the Vascularization of the Fetal Endocrine Pancreas. <i>Journal of Nutrition</i> , 2003, 133, 2820-2825.	2.9	107
17	Targeted Inhibition of Calpain Reduces Myocardial Hypertrophy and Fibrosis in Mouse Models of Type 1 Diabetes. <i>Diabetes</i> , 2011, 60, 2985-2994.	0.6	104
18	Tissue and Plasma Somatomedin-C/Insulin-Like Growth Factor I Concentrations in the Human Fetus during the First Half of Gestation. <i>Pediatric Research</i> , 1986, 20, 253-255.	2.3	102

#	ARTICLE	IF	CITATIONS
19	Immunological distribution of one form of insulin-like growth factor (IGF)-binding protein and IGF peptides in human fetal tissues. <i>Journal of Molecular Endocrinology</i> , 1989, 2, 31-38.	2.5	93
20	Results From a European Multicenter Randomized Trial of Physical Activity and/or Healthy Eating to Reduce the Risk of Gestational Diabetes Mellitus: The DALI Lifestyle Pilot. <i>Diabetes Care</i> , 2015, 38, 1650-1656.	8.6	93
21	Purification and Characterization of a Unique High Molecular Weight Form of Insulin-Like Growth Factor II. <i>Endocrinology</i> , 1987, 121, 449-458.	2.8	90
22	Distribution of Fibroblast Growth Factor (FGF)-2 and FGF Receptor-1 Messenger RNA Expression and Protein Presence in the Mid-Trimester Human Fetus. <i>Pediatric Research</i> , 1996, 39, 375-385.	2.3	90
23	Placental Lactogen and Growth Hormone Receptors in Human Fetal Tissues: Relationship to Fetal Plasma Human Placental Lactogen Concentrations and Fetal Growth*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988, 66, 1283-1290.	3.6	89
24	Presence and possible role of vascular endothelial growth factor in thyroid cell growth and function. <i>Journal of Endocrinology</i> , 1998, 157, 5-12.	2.6	89
25	Pancreatic Development and Adult Diabetes. <i>Pediatric Research</i> , 2000, 48, 269-274.	2.3	84
26	Regulation of Amino Acid Uptake and Deoxyribonucleic Acid Synthesis in Isolated Human Fetal Fibroblasts and Myoblasts: Effect of Human Placental Lactogen, Somatomedin-C, Multiplication-Stimulating Activity, and Insulin*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986, 62, 753-760.	3.6	83
27	Relationship of morphology and follicular fluid environment of bovine oocytes to their developmental potential in vitro. <i>Theriogenology</i> , 1995, 43, 509-522.	2.1	82
28	Transforming growth factor $\beta$ 2 inhibits DNA synthesis in hepatocytes isolated from normal and regenerating rat liver. <i>Biochemical and Biophysical Research Communications</i> , 1987, 145, 436-442.	2.1	79
29	IADPSG and WHO 2013 Gestational Diabetes Mellitus Criteria Identify Obese Women With Marked Insulin Resistance in Early Pregnancy. <i>Diabetes Care</i> , 2016, 39, e90-e92.	8.6	79
30	Incorporation of [3H]thymidine by isolated fetal myoblasts and fibroblasts in response to human placental lactogen (HPL): Possible mediation of HPL action by release of immunoreactive SM-C. <i>Journal of Cellular Physiology</i> , 1985, 125, 337-344.	4.1	78
31	Taurine supplement in early life altered islet morphology, decreased insulinitis and delayed the onset of diabetes in non-obese diabetic mice. <i>Diabetologia</i> , 2004, 47, 1831-1837.	6.3	77
32	Metformin in combination with structured lifestyle intervention improved body mass index in obese adolescents, but did not improve insulin resistance. <i>Endocrine</i> , 2009, 36, 141-146.	2.3	77
33	Insulin-like growth factor (IGF)-binding protein release by human fetal fibroblasts: dependency on cell density and IGF peptides. <i>Journal of Endocrinology</i> , 1989, 122, 87-NP.	2.6	75
34	Neonatal Nutrition: Metabolic Programming of Pancreatic Islets and Obesity. <i>Experimental Biology and Medicine</i> , 2003, 228, 15-23.	2.4	73
35	Interactions of nutrients, insulin-like growth factors (IGFs) and IGF-binding proteins in the regulation of DNA synthesis by isolated fetal rat islets of Langerhans. <i>Journal of Endocrinology</i> , 1993, 138, 401-NP.	2.6	71
36	IGF-Binding Protein mRNAs in the Human Fetus: Tissue and Cellular Distribution of Developmental Expression. <i>Hormone Research</i> , 1996, 45, 160-166.	1.8	70

#	ARTICLE	IF	CITATIONS
37	Bovine Oviductal and Embryonic Insulin-Like Growth Factor Binding Proteins: Possible Regulators of Embryotrophic Insulin-Like Growth Factor Circuits. <i>Biology of Reproduction</i> , 1997, 56, 1415-1423.	2.7	70
38	Maternal hyperinsulinemia predisposes rat fetuses for hyperinsulinemia, and adult-onset obesity and maternal mild food restriction reverses this phenotype. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E129-E134.	3.5	68
39	Exposure of the Pregnant Rat to Low Protein Diet Causes Impaired Glucose Homeostasis in the Young Adult Offspring by Different Mechanisms in Males and Females. <i>Experimental Biology and Medicine</i> , 2009, 234, 1425-1436.	2.4	67
40	Localization of the growth hormone receptor, identified by immunocytochemistry, in second trimester human fetal tissues and in placenta throughout gestation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 75, 646-650.	3.6	67
41	Regulation of DNA synthesis in human fetal hepatocytes by placental lactogen, growth hormone, and insulin-like growth factor I/somatomedin-C. <i>Journal of Cellular Physiology</i> , 1987, 132, 33-40.	4.1	66
42	Relative abundance and molecular size of immunoreactive insulin-like growth factors I and II in human fetal tissues. <i>Early Human Development</i> , 1990, 21, 49-58.	1.8	64
43	Differential cellular synthesis of insulin-like growth factor binding protein-1 (IGFBP-1) and IGFBP-3 within human liver. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994, 79, 1871-1876.	3.6	64
44	Altered pancreatic morphology in the offspring of pregnant rats given reduced dietary protein is time and gender specific. <i>Journal of Endocrinology</i> , 2006, 191, 83-92.	2.6	60
45	NOX2 Deficiency Protects Against Streptozotocin-Induced $\beta$ -Cell Destruction and Development of Diabetes in Mice. <i>Diabetes</i> , 2010, 59, 2603-2611.	0.6	60
46	RETENTION OF PLASMA SOMATOMEDIN ACTIVITY IN THE FOETAL RABBIT FOLLOWING DECAPITATION IN UTERO. <i>Journal of Endocrinology</i> , 1979, 81, 93-102.	2.6	58
47	Effects of human placental lactogen and growth hormone on the production of insulin and somatomedin C/insulin-like growth factor I by human fetal pancreas in tissue culture. <i>Journal of Endocrinology</i> , 1987, 113, 297-303.	2.6	58
48	Malignant transformation of a solitary fibrous tumor of the liver and intractable hypoglycemia. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2007, 14, 595-599.	2.0	57
49	Impaired Vascular Function in Obese Adolescents with Insulin Resistance. <i>Journal of Pediatrics</i> , 2009, 155, 678-682.	1.8	56
50	Increased somatomedin and cartilage metabolic activity in rabbit fetuses injected with insulin in utero. <i>Diabetologia</i> , 1980, 19, 143-147.	6.3	54
51	The ontogeny of insulin-like growth factor (IGF) and IGF-binding protein gene expression in the rat pancreas. <i>Journal of Molecular Endocrinology</i> , 1994, 13, 49-58.	2.5	54
52	Cellular distribution and ontogeny of insulin-like growth factors (IGFs) and IGF binding protein messenger RNAs and peptides in developing rat pancreas. <i>Journal of Endocrinology</i> , 1999, 160, 305-317.	2.6	53
53	Enhanced expression of transforming growth factor- $\beta$ 1 during thyroid hyperplasia in rats. <i>Journal of Endocrinology</i> , 1994, 141, 45-57.	2.6	51
54	Modulation of insulin-like growth factor (IGF) and IGF binding protein biosynthesis by hypoxia in cultured vascular endothelial cells. <i>Journal of Endocrinology</i> , 1998, 157, 13-24.	2.6	51

#	ARTICLE	IF	CITATIONS
55	Somatomedin activity and growth hormone levels in body fluids of the fetal pig: effect of chronic hyperinsulinaemia. <i>Journal of Endocrinology</i> , 1983, 96, 107-114.	2.6	50
56	A reduction in sedentary behaviour in obese women during pregnancy reduces neonatal adiposity: the DALI randomised controlled trial. <i>Diabetologia</i> , 2019, 62, 915-925.	6.3	50
57	Fibroblast growth factor-2 and fibroblast growth factor receptor-1 mRNA expression and peptide localization in placentae from normal and diabetic pregnancies. <i>Placenta</i> , 1998, 19, 133-142.	1.5	44
58	The involvement of interleukin-22 in the expression of pancreatic beta cell regenerative Reg genes. <i>Cell Regeneration</i> , 2013, 2, 2:2.	2.6	44
59	Control of protein and matrix-molecule synthesis in isolated ovine fetal growth-plate chondrocytes by the interactions of basic fibroblast growth factor, insulin-like growth factors-I and -II, insulin and transforming growth factor- $\beta$ 1. <i>Journal of Endocrinology</i> , 1992, 133, 363-373.	2.6	43
60	Growth hormone regulation of somatomedin C/insulin-like growth factor I production and DNA replication in fetal rat islets in tissue culture. <i>Diabetes</i> , 1987, 36, 288-294.	0.6	43
61	STIMULATION OF CARTILAGE ZONES OF THE CALF COSTOCHONDRAL GROWTH PLATE IN VITRO BY GROWTH HORMONE DEPENDENT RAT PLASMA SOMATOMEDIN ACTIVITY. <i>Journal of Endocrinology</i> , 1979, 83, 219-227.	2.6	42
62	The DALI vitamin D randomized controlled trial for gestational diabetes mellitus prevention: No major benefit shown besides vitamin D sufficiency. <i>Clinical Nutrition</i> , 2020, 39, 976-984.	5.0	42
63	Cultured fetal rat myoblasts release peptide growth factors which are immunologically and biologically similar to somatomedin. <i>Journal of Cellular Physiology</i> , 1984, 119, 349-358.	4.1	41
64	Bioavailability: Is this a key event in regulating the actions of peptide growth factors?. <i>Journal of Endocrinology</i> , 1992, 134, 157-161.	2.6	41
65	High plasma insulin-like growth factor-II and low lipid content in transgenic mice: measurements of lipid metabolism. <i>Journal of Endocrinology</i> , 1994, 143, 433-439.	2.6	40
66	Changes in the immunohistochemical localisation of fibroblast growth factor-2, transforming growth factor- $\beta$ 1 and thrombospondin-1 are associated with early angiogenic events in the hyperplastic rat thyroid. <i>Journal of Endocrinology</i> , 1996, 148, 485-499.	2.6	40
67	A Long-Term High-Carbohydrate Diet Causes an Altered Ontogeny of Pancreatic Islets of Langerhans in the Neonatal Rat. <i>Pediatric Research</i> , 2001, 49, 84-92.	2.3	39
68	ACTION OF RAT PROLACTIN ON PLASMA SOMATOMEDIN LEVELS IN THE RAT AND ON SOMATOMEDIN RELEASE FROM PERFUSED RAT LIVER. <i>Journal of Endocrinology</i> , 1977, 75, 137-143.	2.6	37
69	Insulin-positive, Glut2-low cells present within mouse pancreas exhibit lineage plasticity and are enriched within extra-islet endocrine cell clusters. <i>Islets</i> , 2016, 8, 65-82.	1.8	37
70	Physical activity, depressed mood and pregnancy worries in European obese pregnant women: results from the DALI study. <i>BMC Pregnancy and Childbirth</i> , 2015, 15, 158.	2.4	36
71	Interaction between endocrine and paracrine peptides in prenatal growth control. <i>European Journal of Pediatrics</i> , 1987, 146, 113-122.	2.7	35
72	Adjuvant Immunotherapy Increases $\beta$ Cell Regenerative Factor <i>Reg2</i> in the Pancreas of Diabetic Mice. <i>Journal of Immunology</i> , 2010, 185, 5120-5129.	0.8	35

#	ARTICLE	IF	CITATIONS
73	Growth hormone regulation of DNA replication, but not insulin production, is partly mediated by somatomedin-C/insulin-like growth factor I in isolated pancreatic islets from adult rats. <i>Diabetologia</i> , 1989, 32, 191-197.	6.3	34
74	Lack of growth hormone-dependent somatomedins or growth retardation in hypophysectomized fetal lambs. <i>Journal of Endocrinology</i> , 1985, 104, 193-199.	2.6	32
75	An increase in immature $\beta^2$ -cells lacking Glut2 precedes the expansion of $\beta^2$ -cell mass in the pregnant mouse. <i>PLoS ONE</i> , 2017, 12, e0182256.	2.5	32
76	Increased thymidine incorporation into fetal rat cartilage in vitro in the presence of human somatomedin, epidermal growth factor and other growth factors. <i>Journal of Endocrinology</i> , 1983, 96, 489-497.	2.6	31
77	The Effects of Low Protein During Gestation on Mouse Pancreatic Development and Beta Cell Regeneration. <i>Pediatric Research</i> , 2010, 68, 16-22.	2.3	31
78	EFFECTS OF CORTISOL ON CELL PROLIFERATION AND PROTEOGLYCAN SYNTHESIS AND DEGRADATION IN CARTILAGE ZONES OF THE CALF COSTOCHONDRAL GROWTH PLATE IN VITRO WITH AND WITHOUT RAT PLASMA SOMATOMEDIN ACTIVITY. <i>Journal of Endocrinology</i> , 1981, 88, 425-435.	2.6	30
79	Maternal protein restriction permanently programs adipocyte growth and development in adult male rat offspring. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 381-388.	2.6	30
80	Selective deletion of endothelial cell calpain in mice reduces diabetic cardiomyopathy by improving angiogenesis. <i>Diabetologia</i> , 2019, 62, 860-872.	6.3	30
81	Placental control of metabolic adaptations in the mother for an optimal pregnancy outcome. What goes wrong in gestational diabetes?. <i>Placenta</i> , 2018, 69, 162-168.	1.5	29
82	Hormonal regulation of insulin-like growth factor (IGF)-binding proteins secreted by isolated sheep thyroid epithelial cells: relationship with iodine organification. <i>Journal of Endocrinology</i> , 1991, 130, 129-140.	2.6	28
83	Interactive effects of nutrients and hormones on the expression of insulin-like growth factor binding protein-1 (IGFBP-1) mRNA and peptide, and IGF I release from isolated adult rat hepatocytes. <i>Journal of Cellular Physiology</i> , 1993, 155, 426-435.	4.1	28
84	Increase of basic fibroblast growth factor (FGF) and FGF receptor messenger RNA during rat thyroid hyperplasia: temporal changes and cellular distribution. <i>Journal of Endocrinology</i> , 1994, 142, 325-338.	2.6	28
85	Fibroblast growth factor 2 is elevated in term maternal and cord serum and amniotic fluid in pregnancies complicated by diabetes: relationship to fetal and placental size. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995, 80, 2626-2632.	3.6	28
86	Altered Expression of Insulin-Like Growth Factor-I (IGF-I) and IGF Binding Proteins During Rat Thyroid Hyperplasia and Involution. <i>Growth Factors</i> , 1994, 10, 207-222.	1.7	27
87	Fibroblast growth factor-2 (FGF-2) is present in maternal and cord serum, and in the mother is associated with a binding protein immunologically related to the FGF receptor-1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995, 80, 1822-1831.	3.6	27
88	Somatomedin C/insulin-like growth factor I: simplified purification procedure and biological activities of the purified growth factor. <i>Journal of Endocrinology</i> , 1986, 110, 151-158.	2.6	25
89	Growth factors and the regulation of pre- and postnatal growth. <i>Bailliere's Clinical Endocrinology and Metabolism</i> , 1989, 3, 579-625.	1.0	25
90	Development of the Endocrine Pancreas. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2005, 6, 229-238.	5.7	25

#	ARTICLE	IF	CITATIONS
91	IGF-I has a dual effect on insulin release from isolated, perfused adult rat islets of Langerhans. <i>Journal of Endocrinology</i> , 1997, 153, 15-25.	2.6	24
92	A role for insulin-like growth factor-I in the regulation of human thyroid cell growth by thyrotrophin. <i>Journal of Endocrinology</i> , 1989, 123, 495-NP.	2.6	23
93	Tumour suppression associated with expression of human insulin-like growth factor II. <i>British Journal of Cancer</i> , 1991, 63, 687-692.	6.4	23
94	GH in the dwarf dopaminergic D2 receptor knockout mouse: somatotrope population, GH release, and responsiveness to GH-releasing factors and somatostatin. <i>Journal of Endocrinology</i> , 2006, 190, 611-619.	2.6	23
95	Increased islet neogenesis without increased islet mass precedes autoimmune attack in diabetes-prone rats. <i>Laboratory Investigation</i> , 2007, 87, 1240-1251.	3.7	23
96	Somatomedin-C in human fetal pancreas. Cellular localization and release during organ culture. <i>Diabetes</i> , 1987, 36, 465-471.	0.6	23
97	Characterization of insulin-like growth factor-binding proteins secreted by isolated sheep thyroid epithelial cells. <i>Journal of Endocrinology</i> , 1990, 125, 439-448.	2.6	22
98	Association between Gestational Weight Gain, Gestational Diabetes Risk, and Obstetric Outcomes: A Randomized Controlled Trial Post Hoc Analysis. <i>Nutrients</i> , 2018, 10, 1568.	4.1	22
99	A low protein diet in early life delays the onset of diabetes in the non-obese diabetic mouse. <i>Journal of Endocrinology</i> , 2009, 201, 231-239.	2.6	21
100	Nutritional Lifestyle Intervention in Obese Pregnant Women, Including Lower Carbohydrate Intake, Is Associated With Increased Maternal Free Fatty Acids, 3- $\beta$ -Hydroxybutyrate, and Fasting Glucose Concentrations: A Secondary Factorial Analysis of the European Multicenter, Randomized Controlled DALI Lifestyle Intervention Trial. <i>Diabetes Care</i> , 2019, 42, 1380-1389.	8.6	21
101	Raised plasma somatomedin activity and cartilage metabolic activity ( $^{35}\text{S}$ sulphate uptake in vitro) in the fetus of the mildly diabetic pregnant rat. <i>Diabetologia</i> , 1982, 23, 270-274.	6.3	20
102	Expression and release of insulin-like growth factor binding proteins in isolated epiphyseal growth plate chondrocytes from the ovine fetus. <i>Journal of Cellular Physiology</i> , 2000, 183, 172-181.	4.1	20
103	Risk factors for hyperglycemia in pregnancy in the DALI study differ by period of pregnancy and OGTT time point. <i>European Journal of Endocrinology</i> , 2018, 179, 39-49.	3.7	20
104	Offspring of Mice Exposed to a Low-Protein Diet in Utero Demonstrate Changes in mTOR Signaling in Pancreatic Islets of Langerhans, Associated with Altered Glucagon and Insulin Expression and a Lower $\beta$ -Cell Mass. <i>Nutrients</i> , 2019, 11, 605.	4.1	20
105	Reduced Plasma Somatomedin Activity and Costal Cartilage Sulfate Incorporation Activity during Experimental Growth Retardation in the Fetal Rat. <i>Pediatric Research</i> , 1984, 18, 1100-1104.	2.3	18
106	The effect of intermittent umbilical cord occlusion on insulin-like growth factors and their binding proteins in preterm and near-term ovine fetuses. <i>Journal of Endocrinology</i> , 2000, 166, 565-577.	2.6	18
107	Changes in islet microvasculature following streptozotocin-induced $\beta$ -cell loss and subsequent replacement in the neonatal rat. <i>Experimental Biology and Medicine</i> , 2010, 235, 189-198.	2.4	18
108	Altered Insulin/Insulin-Like Growth Factor Signaling in a Comorbid Rat model of Ischemia and $\beta$ -Amyloid Toxicity. <i>Scientific Reports</i> , 2018, 8, 5136.	3.3	18

#	ARTICLE	IF	CITATIONS
109	Increased Levels of Serum Fibroblast Growth Factor-2 in Diabetic Pregnant Women with Retinopathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 1452-1457.	3.6	18
110	Rapid clearance of insulin-like growth factor (IGF)-binding protein species from blood and an associated fall in circulating IGF-I following partial hepatectomy in the rat. <i>Journal of Endocrinology</i> , 1993, 137, 271-280.	2.6	17
111	Ontogeny of Fibroblast Growth Factors in the Early Development of the Rat Endocrine Pancreas. <i>Pediatric Research</i> , 2000, 48, 389-403.	2.3	17
112	Lineage tracing and resulting phenotype of haemopoietic-derived cells in the pancreas during beta cell regeneration. <i>Diabetologia</i> , 2010, 53, 2188-2197.	6.3	17
113	Elimination of radiolabelled recombinant human insulin-like growth factor binding protein-3 from the circulation, and its distribution amongst organs and tissues in adult male rats. <i>Regulatory Peptides</i> , 1993, 48, 133-143.	1.9	16
114	Expression of Insulin-Like Growth Factors (IGFs) and Their Binding Proteins (IGF BPs) During Pancreatic Development in Rat, and Modulation of IGF Actions on Rat Islet DNA Synthesis by IGF BPs. <i>Advances in Experimental Medicine and Biology</i> , 1992, 321, 113-122.	1.6	15
115	CARTILAGE RESPONSE TO PLASMA AND PLASMA SOMATOMEDIN ACTIVITY IN RATS RELATED TO GROWTH BEFORE AND AFTER BIRTH. <i>Journal of Endocrinology</i> , 1981, 90, 133-142.	2.6	14
116	Cellular mechanisms underlying failed beta cell regeneration in offspring of protein-restricted pregnant mice. <i>Experimental Biology and Medicine</i> , 2013, 238, 1147-1159.	2.4	14
117	Effects of a Comprehensive, Intensive Lifestyle Intervention Combined with Metformin Extended Release in Obese Adolescents. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-13.	0.9	14
118	Performance of early pregnancy HbA1c for predicting gestational diabetes mellitus and adverse pregnancy outcomes in obese European women. <i>Diabetes Research and Clinical Practice</i> , 2020, 168, 108378.	2.8	14
119	Metabolic Adaptations to Pregnancy in Healthy and Gestational Diabetic Pregnancies: The Pancreas - Placenta Axis. <i>Current Vascular Pharmacology</i> , 2020, 19, 141-153.	1.7	14
120	Spatial Dynamics of Vascular and Biochemical Injury in Rat Hippocampus Following Striatal Injury and A $\beta$ Toxicity. <i>Molecular Neurobiology</i> , 2019, 56, 2714-2727.	4.0	13
121	Fetal growth signals.. <i>Archives of Disease in Childhood</i> , 1989, 64, 53-57.	1.9	12
122	A Soluble Fibroblast Growth Factor Receptor is Released from HL-60 Promyelocytic Leukemia Cells: Implications for Paracrine Growth Control. <i>Growth Factors</i> , 2000, 17, 203-214.	1.7	12
123	A mouse model of gestational glucose intolerance through exposure to a low protein diet during fetal and neonatal development. <i>Journal of Physiology</i> , 2019, 597, 4237-4250.	2.9	12
124	Less sedentary time is associated with a more favourable glucose-insulin axis in obese pregnant women—a secondary analysis of the DALI study. <i>International Journal of Obesity</i> , 2021, 45, 296-307.	3.4	12
125	Nutritional programming of pancreatic $\beta$ -cell plasticity. <i>World Journal of Diabetes</i> , 2011, 2, 119.	3.5	12
126	Locations and molecular forms of gastrin-releasing peptide-like immunoreactive entities in ovine pregnancy. <i>Peptides</i> , 1996, 17, 489-495.	2.4	11



#	ARTICLE	IF	CITATIONS
127	Human placenta and fetal membranes contain peptide YY1-36 and peptide YY3-36. <i>Journal of Endocrinology</i> , 1998, 156, 485-492.	2.6	11
128	Apoptosis during goitre involution - the role of Bcl-2. <i>Journal of Endocrinology</i> , 2000, 164, 323-330.	2.6	11
129	Temporal relationships between maternal metabolic parameters with neonatal adiposity in women with obesity differ by neonatal sex: Secondary analysis of the DALI study. <i>Pediatric Obesity</i> , 2020, 15, e12628.	2.8	11
130	The importance of maternal insulin resistance throughout pregnancy on neonatal adiposity. <i>Paediatric and Perinatal Epidemiology</i> , 2021, 35, 83-91.	1.7	11
131	Gastrin-releasing peptide-like immunoreactivity is present in human maternal and fetal placental membranes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996, 81, 3766-3773.	3.6	11
132	Mitogenic actions of insulin on fetal and neonatal rat cells in vitro. <i>Journal of Endocrinology</i> , 1985, 104, 63-68.	2.6	9
133	Expression of the proto-oncogenes C-H-ras and N-ras in early second trimester human fetal tissues. <i>Biochemical and Biophysical Research Communications</i> , 1986, 141, 510-516.	2.1	9
134	Fetal programming of the pancreatic $\beta$ cells and the implications for postnatal diabetes. <i>Seminars in Fetal and Neonatal Medicine</i> , 1999, 4, 99-113.	2.7	9
135	Decrease in Ins+Glut2LO $\beta$ -cells with advancing age in mouse and human pancreas. <i>Journal of Endocrinology</i> , 2017, 233, 229-241.	2.6	9
136	Platelet-derived growth factor and multiplication-stimulating activity II, but not multiplication-stimulating activity III-2, stimulate [3H]thymidine and [35S]sulphate incorporation by fetal rat costal cartilage in vitro. <i>Journal of Endocrinology</i> , 1984, 103, 195-203.	2.6	8
137	Effect of maternal hyperalimentation on intrauterine growth retardation.. <i>Archives of Disease in Childhood</i> , 1988, 63, 733-736.	1.9	8
138	Stem Cell Research in a Catholic Institution: Yes or No?. <i>Kennedy Institute of Ethics Journal</i> , 2006, 16, 73-98.	0.5	8
139	Changes in sensitivity of hepatocytes isolated from regenerating rat liver to the growth inhibitory action of transforming growth factor beta. <i>Liver</i> , 1990, 10, 282-290.	0.1	8
140	High-Frequency Ultrasound to Grade Disease Progression in Murine Models of Duchenne Muscular Dystrophy. <i>Journal of Ultrasound in Medicine</i> , 2009, 28, 707-716.	1.7	8
141	Intima-Media Thickness Measurements in the Fetus and Mother During Pregnancy: A Feasibility Study. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 1949-1957.	1.5	8
142	The Impact of Abnormal Glucose Tolerance and Obesity on Fetal Growth. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-10.	2.3	8
143	The Effects of Lifestyle and/or Vitamin D Supplementation Interventions on Pregnancy Outcomes: What Have We Learned from the DALI Studies?. <i>Current Diabetes Reports</i> , 2019, 19, 162.	4.2	8
144	Characterization of insulin-like growth factor-binding protein in ovine amniotic fluid. <i>Journal of Endocrinology</i> , 1990, 127, 325-333.	2.6	7

#	ARTICLE	IF	CITATIONS
145	Identification and action of N-myc downstream regulated gene 4 A2 in rat pancreas. <i>Journal of Endocrinology</i> , 2009, 201, 15-25.	2.6	7
146	Relationship between Birth Weight and Metabolic Status in Obese Adolescents. <i>ISRN Obesity</i> , 2013, 2013, 1-8.	2.2	7
147	Somatomedin Activity in Tracheal Fluid from the Newborn Infant*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1984, 59, 231-234.	3.6	6
148	Somatostatin inhibits insulin-stimulated amino acid uptake into cultured rat myoblasts. <i>European Journal of Endocrinology</i> , 1987, 114, 470-474.	3.7	6
149	Tissue and Serum Insulin-like Growth Factor I (IGF I) Concentrations in Rats Subjected to Temporary Protein-energy Malnutrition Early in Life. <i>Upsala Journal of Medical Sciences</i> , 1991, 96, 17-22.	0.9	6
150	Protein Restriction during Early Life in Rats Alters Pancreatic GABAA Receptor Subunit Expression and Glucagon Secretion in Adulthood. <i>Canadian Journal of Diabetes</i> , 2012, 36, 100-107.	0.8	6
151	Increased alpha and beta cell mass during mouse pregnancy is not dependent on transdifferentiation. <i>Experimental Biology and Medicine</i> , 2021, 246, 617-628.	2.4	6
152	The unexplored role of sedentary time and physical activity in glucose and lipid metabolism-related placental mRNAs in pregnant women who are obese: the DALI lifestyle randomised controlled trial. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2022, 129, 708-721.	2.3	6
153	Rapid Changes in Somatomedin Activity during Insulin-Induced Hypoglycemia: Possible Release of an Inhibitory Factor*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1981, 53, 439-442.	3.6	5
154	Featured Article: Beta cell specific pyruvate dehydrogenase alpha gene deletion results in a reduced islet number and $\beta$ -cell mass postnatally. <i>Experimental Biology and Medicine</i> , 2014, 239, 975-985.	2.4	5
155	Direct comparison of the abilities of bone marrow mesenchymal versus hematopoietic stem cells to reverse hyperglycemia in diabetic NOD.SCID mice. <i>Islets</i> , 2018, 10, 137-150.	1.8	5
156	Re: Vitamin D and gestational diabetes mellitus: a systematic review based on data free of Hawthorne effect. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2018, 125, 1338-1339.	2.3	5
157	Role of $3\text{-}\beta\text{-HSD}$ , $5\text{-}\beta\text{-HSD}$ cyclic adenosine monophosphate and protein kinase C in the regulation of insulin-like growth factor-binding protein secretion by thyroid-stimulating hormone in isolated ovine thyroid cells. <i>Journal of Endocrinology</i> , 1994, 141, 231-242.	2.6	4
158	Ontology of the apelinergic system in mouse pancreas during pregnancy and relationship with $\beta$ -cell mass. <i>Scientific Reports</i> , 2021, 11, 15475.	3.3	4
159	Pleiotrophin Expression and Actions in Pancreatic $\beta$ -Cells. <i>Frontiers in Endocrinology</i> , 2022, 13, 777868.	3.5	4
160	Role of Delayed Neuroglial Activation in Impaired Cerebral Blood Flow Restoration Following Comorbid Injury. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 369-380.	3.3	3
161	The spatial cerebral damage caused by larger infarct and $\beta$ -amyloid toxicity is driven by the anatomical/functional connectivity. <i>Journal of Comparative Neurology</i> , 2020, 528, 52-64.	1.6	3
162	Intermittent umbilical cord occlusion in the ovine fetus: effects on blood glucose, insulin, and glucagon and on pancreatic development. <i>Journal of the Society for Gynecologic Investigation</i> , 2001, 8, 191-197.	1.7	3

#	ARTICLE	IF	CITATIONS
163	Altered pancreas remodeling following glucose intolerance in pregnancy in mice. Journal of Endocrinology, 2020, 245, 315-326.	2.6	3
164	Degradation of IGF-binding protein-3 by proteases in cultured FRTL-5 rat thyroid cells. Journal of Endocrinology, 1997, 152, 265-274.	2.6	2
165	Impact of the exposome on the development and function of pancreatic $\beta^2$ -cells. Molecular Aspects of Medicine, 2021, , 100965.	6.4	2
166	Differential temporal and spatial postâ€ injury alterations in cerebral cell morphology and viability. Journal of Comparative Neurology, 2021, 529, 421-433.	1.6	2
167	Pancreatic GABA and Serotonin Actions in the Pancreas and Fetal Programming of Metabolism. , 2017, , 529-541.		2
168	Acetone Ingestion Mimics a Fasting State to Improve Glucose Tolerance in a Mouse Model of Gestational Hyperglycemia. International Journal of Molecular Sciences, 2021, 22, 12914.	4.1	2
169	Relationships of Insulin-Like Growth Factors and Their Binding Proteins to Embryonic Development. Journal of Animal Science, 1996, 74, 85.	0.5	1
170	Growth factors and cytokines in the fetus and placenta. Growth Factors and Cytokines in Health and Disease, 1997, 3, 1-53.	0.2	0
171	2154-P: Mice Fed a Low Protein Diet In Utero Show Decreased Apelin Receptor Presence in Ins+Glut2Lo Cells during Pregnancy Associated with Lower $\beta$ -Cell Mass. Diabetes, 2019, 68, 2154-P.	0.6	0