

Charles T Roberts

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218
papers

13,511
citations

62
h-index

107
g-index

223
ext. papers

14,198
ext. citations

5.4
avg, IF

5.92
L-index

#	Paper	IF	Citations
218	Molecular and cellular aspects of the insulin-like growth factor I receptor. <i>Endocrine Reviews</i> , 1995 , 16, 143-63	27.2	1177
217	The insulin-like growth factor system and cancer. <i>Cancer Letters</i> , 2003 , 195, 127-37	9.9	906
216	Cellular pattern of type-I insulin-like growth factor receptor gene expression during maturation of the rat brain: comparison with insulin-like growth factors I and II. <i>Neuroscience</i> , 1992 , 46, 909-23	3.9	338
215	Cellular pattern of insulin-like growth factor-I (IGF-I) and type I IGF receptor gene expression in early organogenesis: comparison with IGF-II gene expression. <i>Molecular Endocrinology</i> , 1990 , 4, 1386-98		284
214	Identification of a family of low-affinity insulin-like growth factor binding proteins (IGFBPs): characterization of connective tissue growth factor as a member of the IGFBP superfamily. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 12981-6	11.5	270
213	Differential expression of alternative 5' untranslated regions in mRNAs encoding rat insulin-like growth factor I. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987 , 84, 8946-50	11.5	233
212	Diagnosis of intra-amniotic infection by proteomic profiling and identification of novel biomarkers. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 292, 462-9	27.4	223
211	Molecular cloning of rat insulin-like growth factor I complementary deoxyribonucleic acids: differential messenger ribonucleic acid processing and regulation by growth hormone in extrahepatic tissues. <i>Molecular Endocrinology</i> , 1987 , 1, 243-8		221
210	Distribution and regulation of rat insulin-like growth factor I messenger ribonucleic acids encoding alternative carboxyterminal E-peptides: evidence for differential processing and regulation in liver. <i>Molecular Endocrinology</i> , 1988 , 2, 528-35		202
209	Proteomic identification of salivary biomarkers of type-2 diabetes. <i>Journal of Proteome Research</i> , 2009 , 8, 239-45	5.6	201
208	Selective vulnerability of preterm white matter to oxidative damage defined by F2-isoprostanes. <i>Annals of Neurology</i> , 2005 , 58, 108-20	9.4	185
207	RNA trafficking by acute myelogenous leukemia exosomes. <i>Cancer Research</i> , 2013 , 73, 918-29	10.1	178
206	Sex-specific differences in lipid and glucose metabolism. <i>Frontiers in Endocrinology</i> , 2014 , 5, 241	5.7	176
205	Natriuretic peptide signalling: molecular and cellular pathways to growth regulation. <i>Cellular Signalling</i> , 2001 , 13, 221-31	4.9	170
204	Androgens up-regulate the insulin-like growth factor-I receptor in prostate cancer cells. <i>Cancer Research</i> , 2005 , 65, 1849-57	10.1	168
203	Involution of the lactating mammary gland is inhibited by the IGF system in a transgenic mouse model. <i>Journal of Clinical Investigation</i> , 1996 , 97, 2225-32	15.9	166
202	Altered expression of the WT1 wilms tumor suppressor gene in human breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 8132-7	11.5	162

201	Phase I/II trial and pharmacokinetic study of cixutumumab in pediatric patients with refractory solid tumors and Ewing sarcoma: a report from the Children's Oncology Group. <i>Journal of Clinical Oncology</i> , 2012 , 30, 256-62	2.2	146
200	Rat ovarian insulin-like growth factor I (IGF-I) gene expression is granulosa cell-selective: 5' untranslated mRNA variant representation and hormonal regulation. <i>Endocrinology</i> , 1989 , 125, 572-4	4.8	140
199	Depot-specific differences in inflammatory mediators and a role for NK cells and IFN-gamma in inflammation in human adipose tissue. <i>International Journal of Obesity</i> , 2009 , 33, 978-90	5.5	137
198	Insulin-like growth factor-binding protein enhancement of insulin-like growth factor-I (IGF-I)-mediated DNA synthesis and IGF-I binding in a human breast carcinoma cell line. <i>Journal of Cellular Physiology</i> , 1994 , 158, 69-78	7	134
197	Insulin-like growth factor I mRNA levels are developmentally regulated in specific regions of the rat brain. <i>Molecular Brain Research</i> , 1991 , 10, 43-8		130
196	Regulation of start site usage in the leader exons of the rat insulin-like growth factor-I gene by development, fasting, and diabetes. <i>Molecular Endocrinology</i> , 1991 , 5, 1677-86		129
195	Proteomic identification of urinary biomarkers of diabetic nephropathy. <i>Diabetes Care</i> , 2007 , 30, 629-37	14.6	127
194	Expression of the genes encoding the insulin-like growth factors (IGF-I and II), the IGF and insulin receptors, and IGF-binding proteins-1-6 and the localization of their gene products in normal and polycystic ovary syndrome ovaries. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994 , 78, 1488-96	5.6	125
193	Expression of insulin-like growth factor-I (IGF-I) and IGF-II and the IGF-I, IGF-II, and insulin receptor genes and localization of the gene products in the human ovary. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 77, 1411-8	5.6	119
192	Essential role of tyrosine residues 1131, 1135, and 1136 of the insulin-like growth factor-I (IGF-I) receptor in IGF-I action. <i>Molecular Endocrinology</i> , 1994 , 8, 40-50		119
191	Insulin-like growth factor I messenger ribonucleic acids with alternative 5' untranslated regions are differentially expressed during development of the rat. <i>Endocrinology</i> , 1989 , 124, 2737-44	4.8	118
190	Expression of the genes encoding the insulin-like growth factors and their receptors in the human ovary. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992 , 74, 419-25	5.6	110
189	Regulation of rat brain/HepG2 glucose transporter gene expression by insulin and insulin-like growth factor-I in primary cultures of neuronal and glial cells. <i>Endocrinology</i> , 1989 , 125, 314-20	4.8	110
188	Protective hinge in insulin opens to enable its receptor engagement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E3395-404	11.5	106
187	Hypoxia-induced inflammatory cytokine secretion in human adipose tissue stromovascular cells. <i>Diabetologia</i> , 2011 , 54, 1480-90	10.3	105
186	Comprehensive proteomic analysis of human cervical-vaginal fluid. <i>Journal of Proteome Research</i> , 2007 , 6, 1258-68	5.6	105
185	Growth inhibition of MCF-7 breast cancer cells by stable expression of an insulin-like growth factor I receptor antisense ribonucleic acid. <i>Endocrinology</i> , 1995 , 136, 4298-303	4.8	104
184	Identification of novel protein biomarkers of preterm birth in human cervical-vaginal fluid. <i>Journal of Proteome Research</i> , 2007 , 6, 1269-76	5.6	101

183	Insulin-like growth factors. <i>Annals of the New York Academy of Sciences</i> , 1993 , 692, 1-9	6.5	92
182	Insulinlike growth factors and their receptors as growth regulators in normal physiology and pathologic states. <i>Trends in Endocrinology and Metabolism</i> , 1991 , 2, 134-139	8.8	90
181	Platelet-derived growth factor increases the activity of the promoter of the insulin-like growth factor-1 (IGF-1) receptor gene. <i>Experimental Cell Research</i> , 1994 , 211, 374-9	4.2	89
180	Structural and functional analysis of the insulin-like growth factor I receptor gene promoter. <i>Molecular Endocrinology</i> , 1992 , 6, 1545-58		83
179	Differential activation of insulin receptor substrates 1 and 2 by insulin-like growth factor-activated insulin receptors. <i>Molecular and Cellular Biology</i> , 2007 , 27, 3569-77	4.8	79
178	Insulin-like growth factor-I (IGF-I) and retinoic acid modulation of IGF-binding proteins (IGFBPs): IGFBP-2, -3, and -4 gene expression and protein secretion in a breast cancer cell line. <i>Endocrinology</i> , 1992 , 131, 1858-66	4.8	79
177	Differential Activation of Insulin Receptor Substrates 1 and 2 by Insulin-Like Growth Factor-Activated Insulin Receptors. <i>Molecular and Cellular Biology</i> , 2007 , 27, 6264-6264	4.8	78
176	Coordinate regulation of residual bone marrow function by paracrine trafficking of AML exosomes. <i>Leukemia</i> , 2015 , 29, 2285-95	10.7	76
175	Comprehensive proteomic analysis of the human amniotic fluid proteome: gestational age-dependent changes. <i>Journal of Proteome Research</i> , 2007 , 6, 1277-85	5.6	76
174	Proteomic analysis of maternal serum in down syndrome: identification of novel protein biomarkers. <i>Journal of Proteome Research</i> , 2007 , 6, 1245-57	5.6	76
173	Extracellular signal-regulated protein kinase activation is required for the anti-hypertrophic effect of atrial natriuretic factor in neonatal rat ventricular myocytes. <i>Journal of Biological Chemistry</i> , 1999 , 274, 24858-64	5.4	75
172	Transcription initiation in the two leader exons of the rat IGF-I gene occurs from disperse versus localized sites. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 176, 887-93	3.4	75
171	Proteomic analysis of cervical-vaginal fluid: identification of novel biomarkers for detection of intra-amniotic infection. <i>Journal of Proteome Research</i> , 2007 , 6, 89-96	5.6	72
170	Dissociation of mitogenesis and transforming activity by C-terminal truncation of the insulin-like growth factor-I receptor. <i>Experimental Cell Research</i> , 1995 , 218, 370-80	4.2	72
169	Identification of multiple transcription start sites in the human insulin-like growth factor-I gene. <i>Molecular and Cellular Endocrinology</i> , 1991 , 78, 115-25	4.4	71
168	Effect of training and growth hormone suppression on insulin-like growth factor I mRNA in young rats. <i>Journal of Applied Physiology</i> , 1994 , 76, 2204-9	3.7	70
167	Analysis of the human type I insulin-like growth factor receptor promoter region. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 177, 1113-20	3.4	70
166	Rat IGF-I cDNAs contain multiple 5' untranslated regions. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 146, 1154-9	3.4	70

165	Developmental regulation of rat brain/Hep G2 glucose transporter gene expression. <i>Molecular Endocrinology</i> , 1989 , 3, 273-9		69
164	Insulin-like growth factor receptors. Implications for nervous system function. <i>Annals of the New York Academy of Sciences</i> , 1993 , 692, 22-32	6.5	68
163	Differential regulation of insulin-like growth factor-I (IGF-I) receptor gene expression by IGF-I and basic fibroblastic growth factor. <i>Journal of Biological Chemistry</i> , 1997 , 272, 4663-70	5.4	67
162	Regulation of insulin-like growth factor I receptor gene expression by Sp1: physical and functional interactions of Sp1 at GC boxes and at a CT element. <i>Molecular Endocrinology</i> , 1995 , 9, 1147-56		67
161	Expression of insulin-like growth factor binding proteins in the rat kidney: effects of long-term diabetes. <i>Endocrinology</i> , 1995 , 136, 1835-42	4.8	67
160	Cloning and characterization of the proximal promoter region of the rat insulin-like growth factor I (IGF-I) receptor gene. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 169, 1021-7	3.4	67
159	Dexamethasone reduces steady state insulin-like growth factor I messenger ribonucleic acid levels in rat neuronal and glial cells in primary culture. <i>Endocrinology</i> , 1988 , 123, 2565-70	4.8	65
158	Familial short stature caused by haploinsufficiency of the insulin-like growth factor I receptor due to nonsense-mediated messenger ribonucleic acid decay. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1740-7	5.6	64
157	Insulin-like growth factor I (IGF-I): a molecular basis for endocrine versus local action?. <i>Molecular and Cellular Endocrinology</i> , 1991 , 77, C57-61	4.4	63
156	Regulation of insulin-like growth factor-binding-protein-1, 2, 3, 4, 5, and 6: synthesis, secretion, and gene expression in estrogen receptor-negative human breast carcinoma cells. <i>Journal of Cellular Physiology</i> , 1993 , 155, 556-67	7	62
155	Alterations in peripheral blood lymphocyte cytokine expression in obesity. <i>Clinical and Experimental Immunology</i> , 2006 , 146, 39-46	6.2	58
154	WT1-p53 interactions in insulin-like growth factor-I receptor gene regulation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 3474-82	5.4	58
153	Modulation of insulin-like growth factor I (IGF-I) receptors and membrane-associated IGF-binding proteins in endometrial cancer cells by estradiol. <i>Endocrinology</i> , 1995 , 136, 2531-7	4.8	57
152	Alternative leader sequences in insulin-like growth factor I mRNAs modulate translational efficiency and encode multiple signal peptides. <i>Molecular Endocrinology</i> , 1995 , 9, 1380-95		57
151	The growth hormone-insulin-like growth factor-I axis in chronic kidney disease. <i>Growth Hormone and IGF Research</i> , 2008 , 18, 17-25	2	55
150	Antiproliferative effects of insulin-like growth factor-binding protein-3 in mesenchymal chondrogenic cell line RCJ3.1C5.18. relationship to differentiation stage. <i>Journal of Biological Chemistry</i> , 2001 , 276, 5533-40	5.4	55
149	The IGF1 receptor gene: a molecular target for disrupted transcription factors. <i>Genes Chromosomes and Cancer</i> , 2003 , 36, 113-20	5	54
148	Tissue-specific transcription start site usage in the leader exons of the rat insulin-like growth factor-I gene: evidence for differential regulation in the developing kidney. <i>Endocrinology</i> , 1992 , 131, 2793-9	4.8	53

147	Cytoplasmic inheritance of chloramphenicol resistance in tetrahymena. <i>Genetics</i> , 1973 , 73, 259-72	4	53
146	Androgen effects on adipose tissue architecture and function in nonhuman primates. <i>Endocrinology</i> , 2012 , 153, 3100-10	4.8	50
145	Growth hormone (GH) stimulates insulin-like growth factor-I (IGF-I) and IGF-I-binding protein-3, but not GH receptor gene expression in livers of juvenile rats. <i>Endocrinology</i> , 1993 , 133, 675-82	4.8	50
144	Identification of the insulin-like growth factor binding proteins 5 and 6 (IGFBP-5 and 6) in human breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 183, 1003-10	3.4	50
143	Insulin-like growth factor-II in nonislet cell tumors associated with hypoglycemia: increased levels of messenger ribonucleic acid. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1989 , 69, 1153-9	5.6	50
142	Atrial natriuretic peptide induces natriuretic peptide receptor-cGMP-dependent protein kinase interaction. <i>Journal of Biological Chemistry</i> , 2003 , 278, 38693-8	5.4	49
141	A novel EWS-WT1 gene fusion product in desmoplastic small round cell tumor is a potent transactivator of the insulin-like growth factor-I receptor (IGF-IR) gene. <i>Cancer Letters</i> , 2007 , 247, 84-90	9.9	48
140	Alternative splicing produces messenger RNAs encoding insulin-like growth factor-I prohormones that are differentially glycosylated in vitro. <i>Molecular Endocrinology</i> , 1990 , 4, 899-904		48
139	Developmental regulation of somatostatin gene expression in the brain is region specific. <i>Molecular Endocrinology</i> , 1987 , 1, 181-7		47
138	Transcriptional regulation of insulin-like growth factor-I receptor gene expression in prostate cancer cells. <i>Endocrinology</i> , 2001 , 142, 21-7	4.8	46
137	Molecular and cellular aspects of insulin-like growth factor action. <i>Vitamins and Hormones</i> , 1994 , 48, 1-58.5		46
136	Hormonal regulation of rat hypothalamic neuropeptide mRNAs: effect of hypophysectomy and hormone replacement on growth-hormone-releasing factor, somatostatin and the insulin-like growth factors. <i>Neuroendocrinology</i> , 1991 , 53, 298-305	5.6	46
135	Regulation of endometrial cancer cell growth by insulin-like growth factors and the luteinizing hormone-releasing hormone antagonist SB-75. <i>Regulatory Peptides</i> , 1993 , 48, 91-8		45
134	Up-regulation of insulin-like growth factor-I (IGF-I) receptor gene expression in patients with reduced serum IGF-I levels. <i>Journal of Molecular Endocrinology</i> , 1993 , 10, 115-20	4.5	45
133	Tissue-specific regulation of the growth hormone receptor gene in streptozocin-induced diabetes in the rat. <i>Journal of Endocrinology</i> , 1994 , 142, 453-62	4.7	45
132	Phylogeny of the insulin-like growth factors (IGFs) and receptors: a molecular approach. <i>Molecular Reproduction and Development</i> , 1993 , 35, 332-6; discussion 337-8	2.6	45
131	Defects in human insulin receptor gene expression. <i>Molecular Endocrinology</i> , 1988 , 2, 242-7		45
130	The insulin-like growth factor I (IGF-I) gene is expressed in chick embryos during early organogenesis. <i>Endocrinology</i> , 1990 , 127, 1547-9	4.8	44

129	A cycloheximide-resistant mutant of <i>Tetrahymena pyriformis</i> . <i>Experimental Cell Research</i> , 1973 , 81, 312-4.2	4.2	44
128	Decreased expression of Wilms tumor gene WT-1 and elevated expression of insulin growth factor-II (IGF-II) and type 1 IGF receptor genes in prostatic stromal cells from patients with benign prostatic hyperplasia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 2198-203	5.6	43
127	Hepatic tyrosine-phosphorylated proteins identified and localized following in vivo inhibition of protein tyrosine phosphatases: effects of H ₂ O ₂ and vanadate administration into rat livers. <i>Molecular and Cellular Endocrinology</i> , 1993 , 97, 9-17	4.4	43
126	Glycosylated fibronectin as a first-trimester biomarker for prediction of gestational diabetes. <i>Obstetrics and Gynecology</i> , 2013 , 122, 586-94	4.9	41
125	Localization of growth hormone receptor/binding protein messenger ribonucleic acid (mRNA) during rat fetal development: relationship to insulin-like growth factor-I mRNA. <i>Endocrinology</i> , 1995 , 136, 4602-9	4.8	41
124	Insulin and insulin-like growth factor-I receptors similarly stimulate deoxyribonucleic acid synthesis despite differences in cellular protein tyrosine phosphorylation. <i>Endocrinology</i> , 1994 , 135, 214-22	4.8	41
123	Single-cell analysis of insulin-regulated fatty acid uptake in adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 299, E486-96	6	40
122	A novel insulin-like growth factor (IGF)-independent role for IGF binding protein-3 in mesenchymal chondroprogenitor cell apoptosis. <i>Endocrinology</i> , 2003 , 144, 1695-702	4.8	40
121	Regulation of insulin-like growth factor I transcription by prostaglandin E ₂ in osteoblast cells. <i>Endocrinology</i> , 1995 , 136, 33-8	4.8	40
120	Luteinizing hormone-releasing hormone antagonists interfere with autocrine and paracrine growth stimulation of MCF-7 mammary cancer cells by insulin-like growth factors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993 , 77, 963-8	5.6	40
119	Rat ovarian insulin-like growth factor II gene expression is theca-interstitial cell-exclusive: hormonal regulation and receptor distribution. <i>Endocrinology</i> , 1990 , 127, 3249-51	4.8	40
118	Interaction in vitro of the product of the c-Crk-II proto-oncogene with the insulin-like growth factor I receptor. <i>Biochemical Journal</i> , 1998 , 330 (Pt 2), 923-32	3.8	39
117	Expression, action, and steroidal regulation of insulin-like growth factor-I (IGF-I) and IGF-I receptor in the rat corpus luteum: their differential role in the two cell populations forming the corpus luteum. <i>Endocrinology</i> , 1991 , 129, 2924-32	4.8	39
116	Insulin-like growth factor I (IGF-I) receptors and IGF-I action in oligodendrocytes from rat brains. <i>Regulatory Peptides</i> , 1991 , 33, 117-31		38
115	Identification of STAT-1 as a molecular target of IGFBP-3 in the process of chondrogenesis. <i>Journal of Biological Chemistry</i> , 2002 , 277, 18860-7	5.4	37
114	Effect of hypoxia on lung, heart, and liver insulin-like growth factor-I gene and receptor expression in the newborn rat. <i>Critical Care Medicine</i> , 1996 , 24, 919-24	1.4	37
113	Structure of the chum salmon insulin-like growth factor I gene. <i>DNA and Cell Biology</i> , 1993 , 12, 729-37	3.6	36
112	Expression of the insulin-like growth factor (IGF)-I and -II and the IGF-I and -II receptor genes during postnatal development of the rat ovary. <i>Endocrinology</i> , 1992 , 131, 1202-6	4.8	36

111	Vesicle trafficking and RNA transfer add complexity and connectivity to cell-cell communication. <i>Cancer Research</i> , 2013 , 73, 3200-5	10.1	35
110	Differential activation of insulin receptor isoforms by insulin-like growth factors is determined by the C domain. <i>Endocrinology</i> , 2006 , 147, 1029-36	4.8	35
109	Androgen receptor (AR) expression in AR-negative prostate cancer cells results in differential effects of DHT and IGF-I on proliferation and AR activity between localized and metastatic tumors. <i>Prostate</i> , 2004 , 61, 276-90	4.2	35
108	Receptors for intercellular messenger molecules in microbes: similarities to vertebrate receptors and possible implications for diseases in man. <i>Experientia</i> , 1986 , 42, 782-8		35
107	Transcriptional regulation of IGF-I receptor gene expression by novel isoforms of the EWS-WT1 fusion protein. <i>Oncogene</i> , 2002 , 21, 1890-8	9.2	34
106	Structure, expression, and regulation of the IGF-I gene. <i>Advances in Experimental Medicine and Biology</i> , 1993 , 343, 1-11	3.6	34
105	Insulin-like growth factor receptor gene expression in the rat ovary: divergent regulation of distinct receptor species. <i>Molecular Endocrinology</i> , 1991 , 5, 1799-805		33
104	TPA-induced neurite formation in a neuroblastoma cell line (SH-SY5Y) is associated with increased IGF-I receptor mRNA and binding. <i>Molecular Brain Research</i> , 1989 , 6, 69-76		33
103	Developmental regulation of insulin-like growth factor-I-stimulated glucose transporter in rat brain astrocytes. <i>Endocrinology</i> , 1991 , 128, 2548-57	4.8	32
102	Nucleotide sequence of a genomic fragment of the rat IGF-I gene spanning an alternate 5' non coding exon. <i>Nucleic Acids Research</i> , 1989 , 17, 3596	20.1	32
101	Ovarian cycle-specific regulation of adipose tissue lipid storage by testosterone in female nonhuman primates. <i>Endocrinology</i> , 2013 , 154, 4126-35	4.8	31
100	Increase in muscle IGF-I protein but not IGF-I mRNA after 5 days of endurance training in young rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997 , 273, R1557-61	3.2	31
99	Renal IGF-1 mRNA levels are enhanced following unilateral nephrectomy in immature but not adult rats. <i>Endocrinology</i> , 1991 , 128, 2660-2	4.8	31
98	Effect of a growth hormone-releasing factor antagonist on compensatory renal growth, insulin-like growth factor-I (IGF-I), and IGF-I receptor gene expression after unilateral nephrectomy in immature rats. <i>Endocrinology</i> , 1992 , 130, 2697-702	4.8	31
97	Mechanisms of glucagon degradation at alkaline pH. <i>Peptides</i> , 2013 , 45, 40-7	3.8	30
96	Helical element at the hormone-binding surface of the insulin receptor functions as a signaling element to activate its tyrosine kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 11166-71	11.5	30
95	Regulation of insulin-like growth factor I receptor promoter activity by wild-type and mutant versions of the WT1 tumor suppressor. <i>Endocrinology</i> , 1999 , 140, 4713-24	4.8	30
94	Differential accumulation of insulin-like growth factor-I in kidneys of pre- and postpubertal streptozotocin-diabetic rats. <i>Journal of Molecular Endocrinology</i> , 1994 , 12, 215-24	4.5	30

93	Effect of growth hormone on levels of differentially processed insulin-like growth factor I mRNAs in total and polysomal mRNA populations. <i>Molecular Endocrinology</i> , 1992 , 6, 1881-8		30
92	The MAFB transcription factor impacts islet β cell function in rodents and represents a unique signature of primate islet β cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E91-E102	6	30
91	Stable liquid glucagon formulations for rescue treatment and bi-hormonal closed-loop pancreas. <i>Current Diabetes Reports</i> , 2012 , 12, 705-10	5.6	29
90	Rat growth hormone receptor/growth hormone-binding protein mRNAs with divergent 5' untranslated regions are expressed in a tissue-specific manner. <i>DNA and Cell Biology</i> , 1995 , 14, 195-204 ^{3,6}		29
89	Insulin-like growth factor I as an intraovarian regulator: basic and clinical implications. <i>Annals of the New York Academy of Sciences</i> , 1991 , 626, 161-8	6.5	29
88	On the mechanism of adaptation to protein synthesis inhibitors by <i>Tetrahymena</i> . Facilitation, cross adaptation, and resensitization. <i>Journal of Cell Biology</i> , 1974 , 62, 707-16	7.3	29
87	Maternal serum glycosylated fibronectin as a point-of-care biomarker for assessment of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 212, 82.e1-9	6.4	28
86	The insulin receptor is essential for virus-induced tumorigenesis of Kaposi's sarcoma. <i>Oncogene</i> , 2007 , 26, 1995-2005	9.2	28
85	Genetic basis for chamber-specific ventricular phenotypes in the rat infarct model. <i>Cardiovascular Research</i> , 2003 , 57, 477-85	9.9	28
84	Expression of insulin-like growth factor-I and its receptor by SV40-transformed rat granulosa cells. <i>Molecular Endocrinology</i> , 1989 , 3, 1488-97		28
83	Liver regeneration is associated with increased expression of the insulin-like growth factor-II/mannose-6-phosphate receptor. <i>Molecular Endocrinology</i> , 1990 , 4, 1539-45		28
82	Large-scale generation of highly enriched neural stem-cell-derived oligodendroglial cultures: maturation-dependent differences in insulin-like growth factor-mediated signal transduction. <i>Journal of Neurochemistry</i> , 2007 , 100, 628-38	6	27
81	Serum leptin levels, hepatic leptin receptor transcription, and clinical predictors of non-alcoholic steatohepatitis in obese bariatric surgery patients. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007 , 21, 1593-9	5.2	27
80	Isolation of a second nonallelic insulin-like growth factor I gene from the salmon genome. <i>DNA and Cell Biology</i> , 1994 , 13, 555-9	3.6	27
79	Effect of testosterone on insulin-like growth factor-I (IGF-I) and IGF-I receptor gene expression in the hypophysectomized rat. <i>Endocrinology</i> , 1992 , 130, 2865-70	4.8	27
78	Developmental expression of rat insulin-like growth factor-II/mannose 6-phosphate receptor messenger ribonucleic acid. <i>Endocrinology</i> , 1992 , 130, 3484-91	4.8	27
77	Regulation of rat brain/HepG2 glucose transporter gene expression by phorbol esters in primary cultures of neuronal and astrocytic glial cells. <i>Endocrinology</i> , 1990 , 126, 545-9	4.8	27
76	Decreased Expression of Wilms Tumor Gene WT-1 and Elevated Expression of Insulin Growth Factor-II (IGF-II) and Type 1 IGF Receptor Genes in Prostatic Stromal Cells from Patients with Benign Prostatic Hyperplasia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 2198-2203	5.6	27

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