

# Charles T Roberts

## List of Publications by Year in descending order

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220  
papers

15,412  
citations

16451

64  
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115  
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225  
all docs

225  
docs citations

225  
times ranked

12222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular and Cellular Aspects of the Insulin-Like Growth Factor I Receptor. <i>Endocrine Reviews</i> , 1995, 16, 143-163.	20.1	1,288
2	The insulin-like growth factor system and cancer. <i>Cancer Letters</i> , 2003, 195, 127-137.	7.2	1,002
3	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, 909-923.	2.3	375
4	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, 1386-1398.	3.7	312
5	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, 12981-12986.	7.1	291
6	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, 8946-8950.	7.1	286
7	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, 243-248.	3.7	269
8	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.	7.4	269
9	Proteomic Identification of Salivary Biomarkers of Type-2 Diabetes. <i>Journal of Proteome Research</i> , 2009, 8, 239-245.	3.7	249
10	Sex-Specific Differences in Lipid and Glucose Metabolism. <i>Frontiers in Endocrinology</i> , 2014, 5, 241.	3.5	240
11	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, 528-535.	3.7	226
12	RNA Trafficking by Acute Myelogenous Leukemia Exosomes. <i>Cancer Research</i> , 2013, 73, 918-929.	0.9	223
13	Selective vulnerability of preterm white matter to oxidative damage defined by F <sub>2</sub> -isoprostanes. <i>Annals of Neurology</i> , 2005, 58, 108-120.	5.3	216
14	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, 2225-2232.	8.2	192
15	Androgens Up-regulate the Insulin-like Growth Factor-I Receptor in Prostate Cancer Cells. <i>Cancer Research</i> , 2005, 65, 1849-1857.	0.9	188
16	Natriuretic peptide signalling: molecular and cellular pathways to growth regulation. <i>Cellular Signalling</i> , 2001, 13, 221-231.	3.6	183
17	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, 8132-8137.	7.1	175
18	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, 256-262.	1.6	171

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19	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, 572-574.	2.8	159
20	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, 978-990.	3.4	159
21	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, 1488-1496.	3.6	148
22	Proteomic Identification of Urinary Biomarkers of Diabetic Nephropathy. <i>Diabetes Care</i> , 2007, 30, 629-637.	8.6	148
23	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, 1677-1686.	3.7	147
24	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.	4.1	146
25	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.	7.1	142
26	Insulin-like growth factor I mRNA levels are developmentally regulated in specific regions of the rat brain. <i>Molecular Brain Research</i> , 1991, 10, 43-48.	2.3	139
27	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, 1411-1418.	3.6	138
28	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, 419-425.	3.6	134
29	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.	3.7	134
30	Hypoxia-induced inflammatory cytokine secretion in human adipose tissue stromovascular cells. <i>Diabetologia</i> , 2011, 54, 1480-1490.	6.3	131
31	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, 2737-2744.	2.8	126
32	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, 314-320.	2.8	125
33	Comprehensive Proteomic Analysis of Human Cervical Vaginal Fluid. <i>Journal of Proteome Research</i> , 2007, 6, 1258-1268.	3.7	120
34	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, 4298-4303.	2.8	113
35	Identification of Novel Protein Biomarkers of Preterm Birth in Human Cervical Vaginal Fluid. <i>Journal of Proteome Research</i> , 2007, 6, 1269-1276.	3.7	113
36	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.	7.1	110

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37	Coordinate regulation of residual bone marrow function by paracrine trafficking of AML exosomes. <i>Leukemia</i> , 2015, 29, 2285-2295.	7.2	103
38	Insulin-like Growth Factors. <i>Annals of the New York Academy of Sciences</i> , 1993, 692, 1-9.	3.8	97
39	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, 374-379.	2.6	96
40	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, 1858-1866.	2.8	92
41	Structural and functional analysis of the insulin-like growth factor I receptor gene promoter.. <i>Molecular Endocrinology</i> , 1992, 6, 1545-1558.	3.7	86
42	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, 3569-3577.	2.3	86
43	Proteomic Analysis of Maternal Serum in Down Syndrome: Identification of Novel Protein Biomarkers. <i>Journal of Proteome Research</i> , 2007, 6, 1245-1257.	3.7	85
44	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, 887-893.	2.1	84
45	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, 24858-24864.	3.4	84
46	Comprehensive Proteomic Analysis of the Human Amniotic Fluid Proteome: Gestational Age-Dependent Changes. <i>Journal of Proteome Research</i> , 2007, 6, 1277-1285.	3.7	84
47	Identification of multiple transcription start sites in the human insulin-like growth factor-I gene. <i>Molecular and Cellular Endocrinology</i> , 1991, 78, 115-125.	3.2	83
48	Developmental Regulation of Rat Brain/Hep G2 Glucose Transporter Gene Expression. <i>Molecular Endocrinology</i> , 1989, 3, 273-279.	3.7	80
49	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, 2204-2209.	2.5	80
50	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, 1021-1027.	2.1	79
51	Analysis of the human type I insulin-like growth factor receptor promoter region. <i>Biochemical and Biophysical Research Communications</i> , 1991, 177, 1113-1120.	2.1	79
52	Rat IGF-I cDNA's contain multiple 5' untranslated regions. <i>Biochemical and Biophysical Research Communications</i> , 1987, 146, 1154-1159.	2.1	78
53	Expression of insulin-like growth factor binding proteins in the rat kidney: effects of long-term diabetes.. <i>Endocrinology</i> , 1995, 136, 1835-1842.	2.8	78
54	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.	3.7	78

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55	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, 4663-4670.	3.4	77
56	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, 2565-2570.	2.8	74
57	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, 370-380.	2.6	74
58	Insulin-like growth factor I (IGF-I): A molecular basis for endocrine versus local action?. <i>Molecular and Cellular Endocrinology</i> , 1991, 77, C57-C61.	3.2	71
59	Insulin-like Growth Factor Receptors: Implications for Nervous System Function. <i>Annals of the New York Academy of Sciences</i> , 1993, 692, 22-32.	3.8	70
60	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, 1147-1156.	3.7	67
61	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, 556-567.	4.1	66
62	WT1-p53 Interactions in Insulin-like Growth Factor-I Receptor Gene Regulation. <i>Journal of Biological Chemistry</i> , 2003, 278, 3474-3482.	3.4	66
63	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, 1740-1747.	3.6	66
64	Alterations in peripheral blood lymphocyte cytokine expression in obesity. <i>Clinical and Experimental Immunology</i> , 2006, 146, 39-46.	2.6	64
65	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, 2531-2537.	2.8	63
66	The growth hormone-IGF axis in chronic kidney disease. <i>Growth Hormone and IGF Research</i> , 2008, 18, 17-25.	1.1	63
67	Antiproliferative Effects of Insulin-like Growth Factor-binding Protein-3 in Mesenchymal Chondrogenic Cell Line RCJ3.1C5.18. <i>Journal of Biological Chemistry</i> , 2001, 276, 5533-5540.	3.4	62
68	CYTOPLASMIC INHERITANCE OF CHLORAMPHENICOL RESISTANCE IN TETRAHYMENA. <i>Genetics</i> , 1973, 73, 259-272.	2.9	62
69	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, 2793-2799.	2.8	61
70	Molecular and Cellular Aspects of Insulin-like Growth Factor Action. <i>Vitamins and Hormones</i> , 1994, 48, 1-58.	1.7	61
71	Androgen Effects on Adipose Tissue Architecture and Function in Nonhuman Primates. <i>Endocrinology</i> , 2012, 153, 3100-3110.	2.8	61
72	Alternative leader sequences in insulin-like growth factor I mRNAs modulate translational efficiency and encode multiple signal peptides.. <i>Molecular Endocrinology</i> , 1995, 9, 1380-1395.	3.7	60

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73	The IGF1 receptor gene: A molecular target for disrupted transcription factors. <i>Genes Chromosomes and Cancer</i> , 2003, 36, 113-120.	2.8	59
74	Developmental Regulation of Somatostatin Gene Expression in the Brain is Region Specific. <i>Molecular Endocrinology</i> , 1987, 1, 181-187.	3.7	58
75	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, 1153-1159.	3.6	57
76	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, 675-682.	2.8	57
77	Atrial Natriuretic Peptide Induces Natriuretic Peptide Receptor-cGMP-dependent Protein Kinase Interaction. <i>Journal of Biological Chemistry</i> , 2003, 278, 38693-38698.	3.4	56
78	Glycosylated Fibronectin as a First-Trimester Biomarker for Prediction of Gestational Diabetes. <i>Obstetrics and Gynecology</i> , 2013, 122, 586-594.	2.4	54
79	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, 919-924.	0.9	54
80	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.	2.5	53
81	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, 1003-1010.	2.1	53
82	A cycloheximide-resistant mutant of <i>Tetrahymena pyriformis</i> . <i>Experimental Cell Research</i> , 1973, 81, 312-316.	2.6	52
83	Alternative Splicing Produces Messenger RNAs Encoding Insulin-Like Growth Factor-I Prohormones that Are Differentially Glycosylated <i>in Vitro</i> . <i>Molecular Endocrinology</i> , 1990, 4, 899-904.	3.7	51
84	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.	7.2	51
85	Single-cell analysis of insulin-regulated fatty acid uptake in adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E486-E496.	3.5	51
86	THE INSULIN-LIKE GROWTH FACTOR I (IGF-I) GENE IS EXPRESSED IN CHICK EMBRYOS DURING EARLY ORGANOGENESIS. <i>Endocrinology</i> , 1990, 127, 1547-1549.	2.8	50
87	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, 91-98.	1.9	50
88	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, 115-120.	2.5	50
89	Phylogeny of the insulin-like growth factors (IGFS) and receptors: A molecular approach. <i>Molecular Reproduction and Development</i> , 1993, 35, 332-338.	2.0	49
90	The MAFB transcription factor impacts islet $\beta$ -cell function in rodents and represents a unique signature of primate islet $\beta$ -cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E91-E102.	3.5	49

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91	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, 2924-2932.	2.8	48
92	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, 963-968.	3.6	48
93	Tissue-specific regulation of the growth hormone receptor gene in streptozocin-induced diabetes in the rat. <i>Journal of Endocrinology</i> , 1994, 142, 453-462.	2.6	48
94	Decreased Expression of Wilms's 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.	3.6	48
95	Transcriptional Regulation of Insulin-Like Growth Factor-I Receptor Gene Expression in Prostate Cancer Cells**This work was supported by V.A. Merit Review Program (to S.R.P.), DAMD 17-98-1-8540 (to J.L.W.), NIH DK-52683 (to S.R.P. and J.L.W.), and NIH DK-50810 (to C.T.R.). The content of this report does not necessarily represent the position or the policy of the United States government, and no official endorsement should be inferred.. <i>Endocrinology</i> , 2001, 142, 21-27.	2.8	48
96	Defects in Human Insulin Receptor Gene Expression. <i>Molecular Endocrinology</i> , 1988, 2, 242-247.	3.7	47
97	Hepatic tyrosine-phosphorylated proteins identified and localized following in vivo inhibition of protein tyrosine phosphatases: effects of H <sub>2</sub> O <sub>2</sub> and vanadate administration into rat livers. <i>Molecular and Cellular Endocrinology</i> , 1993, 97, 9-17.	3.2	47
98	Identification of STAT-1 as a Molecular Target of IGFBP-3 in the Process of Chondrogenesis. <i>Journal of Biological Chemistry</i> , 2002, 277, 18860-18867.	3.4	45
99	A Novel Insulin-Like Growth Factor (IGF)-Independent Role for IGF Binding Protein-3 in Mesenchymal Chondroprogenitor Cell Apoptosis. <i>Endocrinology</i> , 2003, 144, 1695-1702.	2.8	45
100	Regulation of insulin-like growth factor I transcription by prostaglandin E <sub>2</sub> in osteoblast cells.. <i>Endocrinology</i> , 1995, 136, 33-38.	2.8	44
101	Vesicle Trafficking and RNA Transfer Add Complexity and Connectivity to Cell-Cell Communication. <i>Cancer Research</i> , 2013, 73, 3200-3205.	0.9	44
102	RAT OVARIAN INSULIN-LIKE GROWTH FACTOR I I GENE EXPRESSION IS THECA-INTERSTITIAL CELL-EXCLUSIVE: HORMONAL REGULATION AND RECEPTOR DISTRIBUTION. <i>Endocrinology</i> , 1990, 127, 3249-3251.	2.8	43
103	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, 214-222.	2.8	43
104	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, 4602-4609.	2.8	43
105	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-R1561.	1.8	42
106	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, 923-932.	3.7	42
107	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, 3596-3596.	14.5	41
108	Insulin-like growth factor I (IGF-I) receptors and IGF-I action in oligodendrocytes from rat brains. <i>Regulatory Peptides</i> , 1991, 33, 117-131.	1.9	41



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109	Structure of the Chum Salmon Insulin-Like Growth Factor I Gene. <i>DNA and Cell Biology</i> , 1993, 12, 729-737.	1.9	41
110	Structure, Expression, and Regulation of the IGF-I Gene. <i>Advances in Experimental Medicine and Biology</i> , 1994, 343, 1-11.	1.6	41
111	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, 1202-1206.	2.8	40
112	Ovarian Cycle-Specific Regulation of Adipose Tissue Lipid Storage by Testosterone in Female Nonhuman Primates. <i>Endocrinology</i> , 2013, 154, 4126-4135.	2.8	39
113	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, 2697-2702.	2.8	38
114	Differential Activation of Insulin Receptor Isoforms by Insulin-Like Growth Factors Is Determined by the C Domain. <i>Endocrinology</i> , 2006, 147, 1029-1036.	2.8	38
115	Mechanisms of glucagon degradation at alkaline pH. <i>Peptides</i> , 2013, 45, 40-47.	2.4	38
116	Receptors for intercellular messenger molecules in microbes: Similarities to vertebrate receptors and possible implications for diseases in man. <i>Experientia</i> , 1986, 42, 782-788.	1.2	37
117	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.	2.3	37
118	RENAL IGF-1 mRNA LEVELS ARE ENHANCED FOLLOWING UNILATERAL NEPHRECTOMY IN IMMATURE BUT NOT ADULT RATS. <i>Endocrinology</i> , 1991, 128, 2660-2662.	2.8	37
119	Developmental Regulation of Insulin-Like Growth Factor-I-Stimulated Glucose Transporter in Rat Brain Astrocytes*. <i>Endocrinology</i> , 1991, 128, 2548-2557.	2.8	37
120	Insulin-Like Growth Factor Receptor Gene Expression in the Rat Ovary: Divergent Regulation of Distinct Receptor Species. <i>Molecular Endocrinology</i> , 1991, 5, 1799-1805.	3.7	37
121	Transcriptional regulation of IGF-I receptor gene expression by novel isoforms of the EWS-WT1 fusion protein. <i>Oncogene</i> , 2002, 21, 1890-1898.	5.9	37
122	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, 276-290.	2.3	37
123	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, 1881-1888.	3.7	35
124	Regulation of Insulin-Like Growth Factor I Receptor Promoter Activity by Wild-Type and Mutant Versions of the WT1 Tumor Suppressor1. <i>Endocrinology</i> , 1999, 140, 4713-4724.	2.8	34
125	Î±-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, 11166-11171.	7.1	34
126	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.e1-82.e9.	1.3	34



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127	Stable Liquid Glucagon Formulations for Rescue Treatment and Bi-Hormonal Closed-Loop Pancreas. <i>Current Diabetes Reports</i> , 2012, 12, 705-710.	4.2	33
128	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, 215-224.	2.5	32
129	Genetic basis for chamber-specific ventricular phenotypes in the rat infarct model. <i>Cardiovascular Research</i> , 2003, 57, 477-485.	3.8	32
130	Combined androgen excess and Western-style diet accelerates adipose tissue dysfunction in young adult, female nonhuman primates. <i>Human Reproduction</i> , 2017, 32, 1892-1902.	0.9	32
131	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, 545-549.	2.8	31
132	Liver Regeneration Is Associated with Increased Expression of the Insulin-Like Growth Factor-II/Mannose-6-Phosphate Receptor. <i>Molecular Endocrinology</i> , 1990, 4, 1539-1545.	3.7	31
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