Charles T Roberts

List of Publications by Year in Descending Order

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	Rapid Point-of-Care Test for Determination of C-Peptide Levels. *Journal of Diabetes Science and Technology*, **2021**, 1932296821995557	4.1	
217	Improving rigor and reproducibility in nonhuman primate research. *American Journal of Primatology* , **2021**, 83, e23331	2.5	4
216	Effects of pre- and postnatal protein restriction on maternal and offspring metabolism in the nonhuman primate. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2020**, 318, R929-R939	3.2	5
215	Maternal serum glycosylated fibronectin as a short-term predictor of preeclampsia: a prospective cohort study. *BMC Pregnancy and Childbirth*, **2020**, 20, 128	3.2	7
214	Reelin is modulated by diet-induced obesity and has direct actions on arcuate proopiomelanocortin neurons. *Molecular Metabolism*, **2019**, 26, 18-29	8.8	4
213	Estradiol Replacement Timing and Obesogenic Diet Effects on Body Composition and Metabolism in Postmenopausal Macaques. *Endocrinology*, **2019**, 160, 899-914	4.8	7
212	Genetic Architecture of Human Obesity Traits in the Rhesus Macaque. *Obesity*, **2019**, 27, 479-488	8	
211	Synergistic Effects of Hyperandrogenemia and Obesogenic Western-style Diet on Transcription and DNA Methylation in Visceral Adipose Tissue of Nonhuman Primates. *Scientific Reports*, **2019**, 9, 19232	4.9	8
210	Adverse Placental Perfusion and Pregnancy Outcomes in a New Nonhuman Primate Model of Gestational Protein Restriction. *Reproductive Sciences*, **2018**, 25, 110-119	3	15
209	Combined androgen excess and Western-style diet accelerates adipose tissue dysfunction in young adult, female nonhuman primates. *Human Reproduction*, **2017**, 32, 1892-1902	5.7	17
208	Sex Differences in Androgen Regulation of Metabolism in Nonhuman Primates. *Advances in Experimental Medicine and Biology*, **2017**, 1043, 559-574	3.6	7
207	The MAFB transcription factor impacts islet □cell function in rodents and represents a unique signature of primate islet □cells. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E91-E102	6	30
206	Maternal serum biomarkers for risk assessment in gestational diabetes. A potential universal screening test to predict GDM status. *Indian Journal of Endocrinology and Metabolism*, **2015**, 19, 155-9	1.7	15
205	Coordinate regulation of residual bone marrow function by paracrine trafficking of AML exosomes. *Leukemia*, **2015**, 29, 2285-95	10.7	76
204	Maternal serum glycosylated fibronectin as a point-of-care biomarker for assessment of preeclampsia. *American Journal of Obstetrics and Gynecology*, **2015**, 212, 82.e1-9	6.4	28
203	A novel, stable, aqueous glucagon formulation using ferulic acid as an excipient. *Journal of Diabetes Science and Technology*, **2015**, 9, 17-23	4.1	19
202	Cell-autonomous heterogeneity of nutrient uptake in white adipose tissue of rhesus macaques. *Endocrinology*, **2015**, 156, 80-9	4.8	16

201	Salivary protein glycosylation as a noninvasive biomarker for assessment of glycemia. *Journal of Diabetes Science and Technology*, **2015**, 9, 97-104	4.1	12
200	Sex-specific differences in lipid and glucose metabolism. *Frontiers in Endocrinology*, **2014**, 5, 241	5.7	176
199	Protective hinge in insulin opens to enable its receptor engagement. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E3395-404	11.5	106
198	Short-term, low-dose GH therapy improves insulin sensitivity without modifying cortisol metabolism and ectopic fat accumulation in adults with GH deficiency. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E1862-9	5.6	14
197	Biochemical stabilization of glucagon at alkaline pH. *Diabetes Technology and Therapeutics*, **2014**, 16, 747-58	8.1	12
196	Spatiotemporal dynamics of triglyceride storage in unilocular adipocytes. *Molecular Biology of the Cell*, **2014**, 25, 4096-105	3.5	9
195	Vesicle trafficking and RNA transfer add complexity and connectivity to cell-cell communication. *Cancer Research*, **2013**, 73, 3200-5	10.1	35
194	RNA trafficking by acute myelogenous leukemia exosomes. *Cancer Research*, **2013**, 73, 918-29	10.1	178
193	Mechanisms of glucagon degradation at alkaline pH. *Peptides*, **2013**, 45, 40-7	3.8	30
192	Glycosylated fibronectin as a first-trimester biomarker for prediction of gestational diabetes. *Obstetrics and Gynecology*, **2013**, 122, 586-94	4.9	41
191	Ovarian cycle-specific regulation of adipose tissue lipid storage by testosterone in female nonhuman primates. *Endocrinology*, **2013**, 154, 4126-35	4.8	31
190	Stable liquid glucagon formulations for rescue treatment and bi-hormonal closed-loop pancreas. *Current Diabetes Reports*, **2012**, 12, 705-10	5.6	29
189	Androgen effects on adipose tissue architecture and function in nonhuman primates. *Endocrinology* , **2012**, 153, 3100-10	4.8	50
188	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. *Journal of Clinical Oncology*, **2012**, 30, 256-62	2.2	146
187	□Helical element at the hormone-binding surface of the insulin receptor functions as a signaling element to activate its tyrosine kinase. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 11166-71	11.5	30
186	Live-cell imaging demonstrates rapid cargo exchange between lipid droplets in adipocytes. *FEBS Letters*, **2011**, 585, 1946-50	3.8	19
185	Hypoxia-induced inflammatory cytokine secretion in human adipose tissue stromovascular cells. *Diabetologia*, **2011**, 54, 1480-90	10.3	105
184	Plasma distribution and signaling activities of IGF-II precursors. *Endocrinology*, **2011**, 152, 922-30	4.8	20

183	In vitro and in vivo evaluation of native glucagon and glucagon analog (MAR-D28) during aging: lack of cytotoxicity and preservation of hyperglycemic effect. *Journal of Diabetes Science and Technology*, **2010**, 4, 1311-21	4.1	19
182	Single-cell analysis of insulin-regulated fatty acid uptake in adipocytes. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 299, E486-96	6	40
181	Contribution of residue B5 to the folding and function of insulin and IGF-I: constraints and fine-tuning in the evolution of a protein family. *Journal of Biological Chemistry*, **2010**, 285, 5040-55	5.4	20
180	Familial short stature caused by haploinsufficiency of the insulin-like growth factor i receptor due to nonsense-mediated messenger ribonucleic acid decay. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 1740-7	5.6	64
179	Depot-specific differences in inflammatory mediators and a role for NK cells and IFN-gamma in inflammation in human adipose tissue. *International Journal of Obesity*, **2009**, 33, 978-90	5.5	137
178	Proteomic identification of salivary biomarkers of type-2 diabetes. *Journal of Proteome Research*, **2009**, 8, 239-45	5.6	201
177	The growth hormone-insulin-like growth factor-I axis in chronic kidney disease. *Growth Hormone and IGF Research*, **2008**, 18, 17-25	2	55
176	Comprehensive proteomic analysis of human cervical-vaginal fluid. *Journal of Proteome Research*, **2007**, 6, 1258-68	5.6	105
175	Proteomic identification of urinary biomarkers of diabetic nephropathy. *Diabetes Care*, **2007**, 30, 629-37	14.6	127
174	Comprehensive proteomic analysis of the human amniotic fluid proteome: gestational age-dependent changes. *Journal of Proteome Research*, **2007**, 6, 1277-85	5.6	76
173	The insulin receptor is essential for virus-induced tumorigenesis of Kaposi's sarcoma. *Oncogene*, **2007**, 26, 1995-2005	9.2	28
172	Large-scale generation of highly enriched neural stem-cell-derived oligodendroglial cultures: maturation-dependent differences in insulin-like growth factor-mediated signal transduction. *Journal of Neurochemistry*, **2007**, 100, 628-38	6	27
171	Serum leptin levels, hepatic leptin receptor transcription, and clinical predictors of non-alcoholic steatohepatitis in obese bariatric surgery patients. *Surgical Endoscopy and Other Interventional Techniques*, **2007**, 21, 1593-9	5.2	27
170	Differential activation of insulin receptor substrates 1 and 2 by insulin-like growth factor-activated insulin receptors. *Molecular and Cellular Biology*, **2007**, 27, 3569-77	4.8	79
169	Differential Activation of Insulin Receptor Substrates 1 and 2 by Insulin-Like Growth Factor-Activated Insulin Receptors. *Molecular and Cellular Biology*, **2007**, 27, 6264-6264	4.8	78
168	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. *Cancer Letters*, **2007**, 247, 84-90	9.9	48
167	Proteomic analysis of maternal serum in down syndrome: identification of novel protein biomarkers. *Journal of Proteome Research*, **2007**, 6, 1245-57	5.6	76
166	Identification of novel protein biomarkers of preterm birth in human cervical-vaginal fluid. *Journal of Proteome Research*, **2007**, 6, 1269-76	5.6	101

165	Proteomic analysis of cervical-vaginal fluid: identification of novel biomarkers for detection of intra-amniotic infection. *Journal of Proteome Research*, **2007**, 6, 89-96	5.6	72
164	Differential activation of insulin receptor isoforms by insulin-like growth factors is determined by the C domain. *Endocrinology*, **2006**, 147, 1029-36	4.8	35
163	Alterations in peripheral blood lymphocyte cytokine expression in obesity. *Clinical and Experimental Immunology*, **2006**, 146, 39-46	6.2	58
162	Androgens up-regulate the insulin-like growth factor-I receptor in prostate cancer cells. *Cancer Research*, **2005**, 65, 1849-57	10.1	168
161	Selective vulnerability of preterm white matter to oxidative damage defined by F2-isoprostanes. *Annals of Neurology*, **2005**, 58, 108-20	9.4	185
160	Saw palmetto extract suppresses insulin-like growth factor-I signaling and induces stress-activated protein kinase/c-Jun N-terminal kinase phosphorylation in human prostate epithelial cells. *Endocrinology*, **2004**, 145, 3205-14	4.8	24
159	Diagnosis of intra-amniotic infection by proteomic profiling and identification of novel biomarkers. *JAMA - Journal of the American Medical Association*, **2004**, 292, 462-9	27.4	223
158	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. *Prostate*, **2004**, 61, 276-90	4.2	35
157	The Role of the Insulin-Like Growth Factor System in Pre- and Postnatal Growth, Development, and Tumorigenesis **2004**, 121-132		1
156	Atrial natriuretic peptide induces natriuretic peptide receptor-cGMP-dependent protein kinase interaction. *Journal of Biological Chemistry*, **2003**, 278, 38693-8	5.4	49
155	Genetic basis for chamber-specific ventricular phenotypes in the rat infarct model. *Cardiovascular Research*, **2003**, 57, 477-85	9.9	28
154	A novel insulin-like growth factor (IGF)-independent role for IGF binding protein-3 in mesenchymal chondroprogenitor cell apoptosis. *Endocrinology*, **2003**, 144, 1695-702	4.8	40
153	The IGFI receptor gene: a molecular target for disrupted transcription factors. *Genes Chromosomes and Cancer*, **2003**, 36, 113-20	5	54
152	Insulin-like Growth Factor (Igf) Signaling **2003**, 354-359		2
151	The insulin-like growth factor system and cancer. *Cancer Letters*, **2003**, 195, 127-37	9.9	906
150	WT1-p53 interactions in insulin-like growth factor-I receptor gene regulation. *Journal of Biological Chemistry*, **2003**, 278, 3474-82	5.4	58
149	Transcriptional regulation of IGF-I receptor gene expression by novel isoforms of the EWS-WT1 fusion protein. *Oncogene*, **2002**, 21, 1890-8	9.2	34
148	Identification of STAT-1 as a molecular target of IGFBP-3 in the process of chondrogenesis. *Journal of Biological Chemistry*, **2002**, 277, 18860-7	5.4	37

147	Apoptosis in breast cancer. *Advances in Cell Aging and Gerontology*, **2001**, 6, 1-22		
146	Natriuretic peptide signalling: molecular and cellular pathways to growth regulation. *Cellular Signalling*, **2001**, 13, 221-31	4.9	170
145	Antiproliferative effects of insulin-like growth factor-binding protein-3 in mesenchymal chondrogenic cell line RCJ3.1C5.18. relationship to differentiation stage. *Journal of Biological Chemistry*, **2001**, 276, 5533-40	5.4	55
144	Transcriptional regulation of insulin-like growth factor-I receptor gene expression in prostate cancer cells. *Endocrinology*, **2001**, 142, 21-7	4.8	46
143	Insulin-like growth factor I receptor regulation in prostate carcinoma. *Growth Hormone and IGF Research*, **2000**, 10 Suppl A, S20-1	2	5
142	The tyrosine kinase activity of the chicken insulin receptor is similar to that of the human insulin receptor. *Bioscience, Biotechnology and Biochemistry*, **2000**, 64, 903-6	2.1	14
141	Regulation of insulin-like growth factor I receptor promoter activity by wild-type and mutant versions of the WT1 tumor suppressor. *Endocrinology*, **1999**, 140, 4713-24	4.8	30
140	Extracellular signal-regulated protein kinase activation is required for the anti-hypertrophic effect of atrial natriuretic factor in neonatal rat ventricular myocytes. *Journal of Biological Chemistry*, **1999** , 274, 24858-64	5.4	75
139	Erythrocyte insulin-like growth factor-L binding in younger and older males. *Clinical Endocrinology*, **1998**, 48, 339-45	3.4	4
138	Differential expression of renal growth hormone receptor and its binding protein in experimental diabetes mellitus. *Growth Hormone and IGF Research*, **1998**, 8, 39-45	2	23
137	Interaction in vitro of the product of the c-Crk-II proto-oncogene with the insulin-like growth factor I receptor. *Biochemical Journal*, **1998**, 330 (Pt 2), 923-32	3.8	39
136	Decreased expression of WilmsRtumor 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. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 2198-203	5.6	43
135	Differential regulation of insulin-like growth factor-I (IGF-I) receptor gene expression by IGF-I and basic fibroblastic growth factor. *Journal of Biological Chemistry*, **1997**, 272, 4663-70	5.4	67
134	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. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 12981-6	11.5	270
133	Altered expression of the WT1 wilms tumor suppressor gene in human breast cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 8132-7	11.5	162
132	Insulin and the Insulin-like Growth Factors in Health and Disease. *Principles of Medical Biology*, **1997**, 339-363		1
131	Increase in muscle IGF-I protein but not IGF-I mRNA after 5 days of endurance training in young rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1997**, 273, R1557-61	3.2	31
130	Decreased Expression of WilmsRTumor 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. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 2198-2203	5.6	27

129	Growth hormone (GH) status regulates GH receptor and GH binding protein mRNA in a tissue- and transcript-specific manner but has no effect on insulin-like growth factor-I receptor mRNA in the rat. *Molecular and Cellular Endocrinology*, **1996**, 116, 181-9	4.4	23
128	Control of insulin-like growth factor (IGF) action by regulation of IGF-I receptor expression. *Endocrine Journal*, **1996**, 43 Suppl, S49-55	2.9	19
127	Involution of the lactating mammary gland is inhibited by the IGF system in a transgenic mouse model. *Journal of Clinical Investigation*, **1996**, 97, 2225-32	15.9	166
126	Regulation of insulin-like growth factor I receptor gene expression by the Wilms tumor suppressor WT1. *Journal of Molecular Neuroscience*, **1996**, 7, 111-23	3.3	20
125	Nutritional regulation of insulin-like growth factor-I receptor mRNA levels in growing chickens. *Bioscience, Biotechnology and Biochemistry*, **1996**, 60, 979-82	2.1	24
124	Effect of hypoxia on lung, heart, and liver insulin-like growth factor-I gene and receptor expression in the newborn rat. *Critical Care Medicine*, **1996**, 24, 919-24	1.4	37
123	The accumulation of IGF-I in kidneys of streptozotocin-diabetic adult rats is not associated with elevated plasma GH or IGF-I levels. *Endocrine*, **1995**, 3, 689-93		6
122	Modulation of insulin-like growth factor I (IGF-I) receptors and membrane-associated IGF-binding proteins in endometrial cancer cells by estradiol. *Endocrinology*, **1995**, 136, 2531-7	4.8	57
121	Regulation of insulin-like growth factor I transcription by prostaglandin E2 in osteoblast cells. *Endocrinology*, **1995**, 136, 33-8	4.8	40
120	Localization of growth hormone receptor/binding protein messenger ribonucleic acid (mRNA) during rat fetal development: relationship to insulin-like growth factor-I mRNA. *Endocrinology*, **1995**, 136, 4602-9	4.8	41
119	Single tyrosine substitution in the insulin-like growth factor I receptor inhibits ligand-induced receptor autophosphorylation and internalization, but not mitogenesis. *Endocrinology*, **1995**, 136, 4918-24	4.8	18
118	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. *Molecular Endocrinology*, **1995**, 9, 1147-56		67
117	Growth inhibition of MCF-7 breast cancer cells by stable expression of an insulin-like growth factor I receptor antisense ribonucleic acid. *Endocrinology*, **1995**, 136, 4298-303	4.8	104
116	Alternative leader sequences in insulin-like growth factor I mRNAs modulate translational efficiency and encode multiple signal peptides. *Molecular Endocrinology*, **1995**, 9, 1380-95		57
115	Expression of insulin-like growth factor binding proteins in the rat kidney: effects of long-term diabetes. *Endocrinology*, **1995**, 136, 1835-42	4.8	67
114	Growth hormone (GH) modulates insulin-like growth factor I (IGF-I) and type I IGF receptor mRNA levels in the ovary of prepubertal GH-deficient rats. *European Journal of Endocrinology*, **1995**, 132, 497-501	6.5	4
113	Dissociation of mitogenesis and transforming activity by C-terminal truncation of the insulin-like growth factor-I receptor. *Experimental Cell Research*, **1995**, 218, 370-80	4.2	72
112	Components of the IGF system mediate the opposing effects of tamoxifen on endometrial and breast cancer cell growth. *Progress in Growth Factor Research*, **1995**, 6, 513-20		13

111	Molecular and cellular aspects of the insulin-like growth factor I receptor. *Endocrine Reviews*, **1995**, 16, 143-63	27.2	1177
110	Rat growth hormone receptor/growth hormone-binding protein mRNAs with divergent 5Runtranslated regions are expressed in a tissue-specific manner. *DNA and Cell Biology*, **1995**, 14, 195-204	3.6	29
109	Mutation of a conserved amino acid residue (tryptophan 1173) in the tyrosine kinase domain of the IGF-I receptor abolishes autophosphorylation but does not eliminate biologic function. *Journal of Biological Chemistry*, **1995**, 270, 2764-9	5.4	24
108	Endogenous plasma growth hormone and the occurrence of pregnancies in patients undergoing in-vitro fertilization and embryo transfer with ovarian stimulation. *Human Reproduction*, **1995**, 10, 1065-9	5.7	16
107	Insulin-Like Growth Factors During Development **1995**, 38-48		
106	Effect of training and growth hormone suppression on insulin-like growth factor I mRNA in young rats. *Journal of Applied Physiology*, **1994**, 76, 2204-9	3.7	70
105	Tissue-specific regulation of the growth hormone receptor gene in streptozocin-induced diabetes in the rat. *Journal of Endocrinology*, **1994**, 142, 453-62	4.7	45
104	Differential accumulation of insulin-like growth factor-I in kidneys of pre- and postpubertal streptozotocin-diabetic rats. *Journal of Molecular Endocrinology*, **1994**, 12, 215-24	4.5	30
103	Molecular and cellular aspects of insulin-like growth factor action. *Vitamins and Hormones*, **1994**, 48, 1-58	2.5	46
102	Insulin and insulin-like growth factor-I receptors similarly stimulate deoxyribonucleic acid synthesis despite differences in cellular protein tyrosine phosphorylation. *Endocrinology*, **1994**, 135, 214-22	4.8	41
101	Essential role of tyrosine residues 1131, 1135, and 1136 of the insulin-like growth factor-I (IGF-I) receptor in IGF-I action. *Molecular Endocrinology*, **1994**, 8, 40-50		119
100	Isolation of a second nonallelic insulin-like growth factor I gene from the salmon genome. *DNA and Cell Biology*, **1994**, 13, 555-9	3.6	27
99	Growth hormone (GH) stimulates insulin-like growth factor-I (IGF-I) and IGF-binding protein (IGFBP)-2 gene expression in spleens of juvenile rats. *Hormone and Metabolic Research*, **1994**, 26, 363-6	3.1	10
98	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. *Journal of Clinical Endocrinology and Metabolism*, **1994**, 78, 1488-96	5.6	125
97	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. *Journal of Cellular Physiology*, **1994**, 158, 69-78	7	134
96	Role of GH and IGF-I in the regulation of IGF-I, IGF-I receptor and IGF binding protein gene expression in the rat spleen. *Regulatory Peptides*, **1994**, 52, 215-26		5
95	Platelet-derived growth factor increases the activity of the promoter of the insulin-like growth factor-1 (IGF-1) receptor gene. *Experimental Cell Research*, **1994**, 211, 374-9	4.2	89
94	Growth hormone (GH) and insulin-like growth factor-I (IGF-I) treatment of the GH-deficient dwarf rat: differential effects on IGF-I transcription start site expression in hepatic and extrahepatic tissues and lack of effect on type I IGF receptor mRNA expression. *Molecular and Cellular Endocrinology*, **1994**, 101, 321-30	4.4	26

93	Characterization of a salmon insulin-like growth factor I promoter. *DNA and Cell Biology*, **1994**, 13, 1057-67	3.6	13
92	Two insulin genes are present in the salmon genome. *Biochemical and Biophysical Research Communications*, **1993**, 191, 1373-8	3.4	22
91	Retinoic acid and estrogen modulation of insulin-like growth factor binding protein-4 gene expression and the estrogen receptor status of human breast carcinoma cells. *Biochemical and Biophysical Research Communications*, **1993**, 193, 1232-8	3.4	25
90	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. *Endocrinology*, **1993**, 133, 675-82	4.8	50
89	Hepatic tyrosine-phosphorylated proteins identified and localized following in vivo inhibition of protein tyrosine phosphatases: effects of H2O2 and vanadate administration into rat livers. *Molecular and Cellular Endocrinology*, **1993**, 97, 9-17	4.4	43
88	The role of insulin-like growth factors in diabetic kidney disease. *American Journal of Kidney Diseases*, **1993**, 22, 722-6	7.4	16
87	Regulation of endometrial cancer cell growth by insulin-like growth factors and the luteinizing hormone-releasing hormone antagonist SB-75. *Regulatory Peptides*, **1993**, 48, 91-8		45
86	Insulin-like growth factors. *Annals of the New York Academy of Sciences*, **1993**, 692, 1-9	6.5	92
85	Insulin-like growth factor receptors. Implications for nervous system function. *Annals of the New York Academy of Sciences*, **1993**, 692, 22-32	6.5	68
84	Insulin and insulin-like growth factor-I induced phosphorylation in neurally derived cells. *Annals of the New York Academy of Sciences*, **1993**, 692, 113-25	6.5	7
83	Structure of the chum salmon insulin-like growth factor I gene. *DNA and Cell Biology*, **1993**, 12, 729-37	3.6	36
82	Nutritional regulation of insulin-sensitive glucose transporter gene expression in rat cardiac muscle. *Experimental Biology and Medicine*, **1993**, 203, 172-4	3.7	5
81	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. *Journal of Clinical Endocrinology and Metabolism*, **1993**, 77, 1411-8	5.6	119
80	Up-regulation of insulin-like growth factor-I (IGF-I) receptor gene expression in patients with reduced serum IGF-I levels. *Journal of Molecular Endocrinology*, **1993**, 10, 115-20	4.5	45
79	Insulin-like growth factors and their receptors in normal physiology and pathological states. *Journal of Pediatric Endocrinology and Metabolism*, **1993**, 6, 251-5	1.6	7
78	Distinct promoters in the rat insulin-like growth factor-I (IGF-I) gene are active in CHO cells. *Endocrinology*, **1993**, 132, 935-7	4.8	25
77	Insulin-like growth factor I gene expression by primary cultures of ovarian cells: insulin and dexamethasone dependence. *Endocrinology*, **1993**, 132, 2703-8	4.8	26
76	Luteinizing hormone-releasing hormone antagonists interfere with autocrine and paracrine growth stimulation of MCF-7 mammary cancer cells by insulin-like growth factors. *Journal of Clinical Endocrinology and Metabolism*, **1993**, 77, 963-8	5.6	40

75	Regulation of insulin-like growth factor (IGF) binding protein-5 in the T47D human breast carcinoma cell line by IGF-I and retinoic acid. *Journal of Clinical Endocrinology and Metabolism*, **1993**, 77, 1246-50	5.6	21
74	Structure, expression, and regulation of the IGF-I gene. *Advances in Experimental Medicine and Biology*, **1993**, 343, 1-11	3.6	34
73	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. *Journal of Cellular Physiology*, **1993**, 155, 556-67	7	62
72	Paradoxical biological effects of overexpressed insulin-like growth factor-1 receptors in Chinese hamster ovary cells. *Journal of Cellular Physiology*, **1993**, 156, 145-52	7	19
71	Phylogeny of the insulin-like growth factors (IGFs) and receptors: a molecular approach. *Molecular Reproduction and Development*, **1993**, 35, 332-6; discussion 337-8	2.6	45
70	Developmental Regulation of the Insulin and Insulin-Like Growth Factor Receptors in the Central Nervous System **1993**, 109-127		3
69	Insulin-Like Growth Factors in the Brain **1993**, 391-414		6
68	The regulation of IGF-I receptor gene expression by positive and negative zinc-finger transcription factors. *Advances in Experimental Medicine and Biology*, **1993**, 343, 91-103	3.6	17
67	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. *Endocrinology*, **1992**, 131, 1202-6	4.8	36
66	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. *Endocrinology*, **1992**, 131, 1858-66	4.8	79
65	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. *Endocrinology*, **1992**, 131, 2793-9	4.8	53
64	Effect of growth hormone on levels of differentially processed insulin-like growth factor I mRNAs in total and polysomal mRNA populations. *Molecular Endocrinology*, **1992**, 6, 1881-8		30
63	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. *Endocrinology*, **1992**, 130, 2697-702	4.8	31
62	Effect of testosterone on insulin-like growth factor-I (IGF-I) and IGF-I receptor gene expression in the hypophysectomized rat. *Endocrinology*, **1992**, 130, 2865-70	4.8	27
61	Expression of the genes encoding the insulin-like growth factors and their receptors in the human ovary. *Journal of Clinical Endocrinology and Metabolism*, **1992**, 74, 419-25	5.6	110
60	Structural and functional analysis of the insulin-like growth factor I receptor gene promoter. *Molecular Endocrinology*, **1992**, 6, 1545-58		83
59	Evolutionary origins of intercellular communication systems: implications for mammalian biology. *Hormone Research*, **1992**, 38 Suppl 2, 1-6		1
58	Identification of the insulin-like growth factor binding proteins 5 and 6 (IGFBP-5 and 6) in human breast cancer cells. *Biochemical and Biophysical Research Communications*, **1992**, 183, 1003-10	3.4	50

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3	Regulation of Insulin-Like Growth Factor I Receptor Promoter Activity by Wild-Type and Mutant Versions of the WT1 Tumor Suppressor	9
2	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	16
1	Transcriptional regulation of IGF-I receptor gene expression by novel isoforms of the EWS-WT1 fusion protein	1