

Robert C Baxter

List of Publications by Year in descending order

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340
papers

23,146
citations

7551

77
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11899

134
g-index

362
all docs

362
docs citations

362
times ranked

12439
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular Actions of the Insulin-Like Growth Factor Binding Proteins. <i>Endocrine Reviews</i> , 2002, 23, 824-854.	8.9	1,609
2	Binding proteins for the insulin-like growth factors: Structure, regulation and function. <i>Progress in Growth Factor Research</i> , 1989, 1, 49-68.	1.7	569
3	Growth hormone-dependent insulin-like growth factor (IGF) binding protein both inhibits and potentiates IGF-I-stimulated DNA synthesis in human skin fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1988, 156, 199-204.	1.0	508
4	Radioimmunoassay of growth hormone-dependent insulinlike growth factor binding protein in human plasma.. <i>Journal of Clinical Investigation</i> , 1986, 78, 1504-1512.	3.9	492
5	Insulin-like growth factor (IGF)-binding proteins: interactions with IGFs and intrinsic bioactivities. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 278, E967-E976.	1.8	491
6	IGF binding proteins in cancer: mechanistic and clinical insights. <i>Nature Reviews Cancer</i> , 2014, 14, 329-341.	12.8	436
7	Diagnosis of growth-hormone deficiency in adults. <i>Lancet, The</i> , 1994, 343, 1064-1068.	6.3	422
8	Cloning and Expression of the Growth Hormone-Dependent Insulin-Like Growth Factor-Binding Protein. <i>Molecular Endocrinology</i> , 1988, 2, 1176-1185.	3.7	363
9	Enhancement of the anabolic effects of growth hormone and insulin-like growth factor I by use of both agents simultaneously.. <i>Journal of Clinical Investigation</i> , 1993, 91, 391-396.	3.9	318
10	Insulin-Like Growth Factor Binding Proteins in the Human Circulation: A Review. <i>Hormone Research</i> , 1994, 42, 140-144.	1.8	311
11	Structure of the Mr 140,000 growth hormone-dependent insulin-like growth factor binding protein complex: determination by reconstitution and affinity-labeling.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 6898-6902.	3.3	298
12	INSULIN-LIKE GROWTH FACTOR-BINDING PROTEIN-1 MODULATES BLOOD GLUCOSE LEVELS. <i>Endocrinology</i> , 1991, 129, 2254-2256.	1.4	272
13	Circulating Levels and Molecular Distribution of the Acid-Labile (<i>I</i>) Subunit of the High Molecular Weight Insulin-Like Growth Factor-Binding Protein Complex*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990, 70, 1347-1353.	1.8	265
14	Nuclear Import of Insulin-like Growth Factor-binding Protein-3 and -5 Is Mediated by the Importin β^2 Subunit. <i>Journal of Biological Chemistry</i> , 2000, 275, 23462-23470.	1.6	252
15	Diurnal Rhythm of Growth Hormone-Independent Binding Protein for Insulin-like Growth Factors in Human Plasma*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1987, 65, 432-440.	1.8	247
16	Insulin-like Growth Factor-binding Protein (IGFBP)-3 and IGFBP-5 Share a Common Nuclear Transport Pathway in T47D Human Breast Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 18347-18352.	1.6	243
17	Somatogenic Receptors of Rat Liver: Regulation by Insulin*. <i>Endocrinology</i> , 1980, 107, 1176-1181.	1.4	238
18	Characterization of the Acid-Labile Subunit of the Growth Hormone-Dependent Insulin-Like Growth Factor Binding Protein Complex*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988, 67, 265-272.	1.8	235

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19	The Somatomedins: Insulin-Like Growth Factors. <i>Advances in Clinical Chemistry</i> , 1986, 25, 49-115.	1.8	202
20	Reactivation of Pituitary Hormone Release and Metabolic Improvement by Infusion of Growth Hormone-Releasing Peptide and Thyrotropin-Releasing Hormone in Patients with Protracted Critical Illness ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 1311-1323.	1.8	191
21	Insulin-like Growth Factor-binding Protein-3 Modulates Expression of Bax and Bcl-2 and Potentiates p53-independent Radiation-induced Apoptosis in Human Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 39174-39181.	1.6	184
22	Circulating binding proteins for the insulinlike growth factors. <i>Trends in Endocrinology and Metabolism</i> , 1993, 4, 91-96.	3.1	182
23	Neuroendocrinology of Prolonged Critical Illness: Effects of Exogenous Thyrotropin-Releasing Hormone and Its Combination with Growth Hormone Secretagogues ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 309-319.	1.8	181
24	Reactivation of Pituitary Hormone Release and Metabolic Improvement by Infusion of Growth Hormone-Releasing Peptide and Thyrotropin-Releasing Hormone in Patients with Protracted Critical Illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 1311-1323.	1.8	181
25	Metformin Rapidly Increases Insulin Receptor Activation in Human Liver and Signals Preferentially through Insulin-Receptor Substrate-2. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1323-1332.	1.8	177
26	Neuroendocrinology of Prolonged Critical Illness: Effects of Exogenous Thyrotropin-Releasing Hormone and Its Combination with Growth Hormone Secretagogues. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 309-319.	1.8	173
27	Insulin-like Growth Factor (IGF)-binding Protein 5 Forms an Alternative Ternary Complex with IGFs and the Acid-labile Subunit. <i>Journal of Biological Chemistry</i> , 1998, 273, 6074-6079.	1.6	167
28	Two Immunoreactive Binding Proteins for Insulin-Like Growth Factors in Human Amniotic Fluid: Relationship to Fetal Maturity*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1987, 65, 423-431.	1.8	155
29	The IGF axis and programmed cell death. <i>Immunology and Cell Biology</i> , 1999, 77, 256-262.	1.0	153
30	Regulation of Growth Hormone-Independent Insulin Like Growth Factor-Binding Protein (BP-28) in Cultured Human Fetal Liver Explants*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1989, 69, 246-252.	1.8	149
31	Responses of the Growth Hormone (GH) and Insulin-Like Growth Factor Axis to Exercise, GH Administration, and GH Withdrawal in Trained Adult Males: A Potential Test for GH Abuse in Sport ^{<sup>1</sup>} . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3591-3601.	1.8	146
32	Immunoreactive Somatomedin-C/Insulin-Like Growth Factor I and Its Binding Protein in Human Milk*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1984, 58, 955-959.	1.8	142
33	Production of Insulin-Like Growth Factor I and Its Binding Protein by Adult Rat Hepatocytes in Primary Culture*. <i>Endocrinology</i> , 1985, 116, 1094-1101.	1.4	142
34	Hormonal Regulation of the Peripubertal Surge of Insulin-Like Growth Factor-I in the Rat*. <i>Endocrinology</i> , 1987, 120, 491-496.	1.4	142
35	Serum Insulin-Like Growth Factor I Levels in Adult Diabetic Patients: The Effect of Age. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986, 63, 651-655.	1.8	137
36	Responses of the Growth Hormone (GH) and Insulin-Like Growth Factor Axis to Exercise, GH Administration, and GH Withdrawal in Trained Adult Males: A Potential Test for GH Abuse in Sport. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3591-3601.	1.8	134

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37	Regulation of the Growth Hormone-Independent Growth Factor-Binding Protein in Children. Journal of Clinical Endocrinology and Metabolism, 1988, 67, 882-887.	1.8	130
38	Structural Determinants of Ligand and Cell Surface Binding of Insulin-like Growth Factor-binding Protein-3. Journal of Biological Chemistry, 1998, 273, 2631-2638.	1.6	129
39	Regulation of Insulin-Like Growth Factor Binding Protein-1 during Protracted Critical Illness. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 5516-5523.	1.8	126
40	Insulin-like Growth Factor-binding Protein-5 Inhibits the Growth of Human Breast Cancer Cells in Vitro and in Vivo. Journal of Biological Chemistry, 2003, 278, 29676-29685.	1.6	121
41	The combined administration of GH-releasing peptide-2 (GHRP-2), TRH and GnRH to men with prolonged critical illness evokes superior endocrine and metabolic effects compared to treatment with GHRP-2 alone. Clinical Endocrinology, 2002, 56, 655-669.	1.2	119
42	Breast cancer-associated fibroblasts induce epithelial-to-mesenchymal transition in breast cancer cells. Endocrine-Related Cancer, 2013, 20, 1-12.	1.6	117
43	Rapamycin treatment for a child with germline PTEN mutation. Nature Clinical Practice Oncology, 2008, 5, 357-361.	4.3	114
44	Metabolic regulation of the growth hormone independent insulin-like growth factor binding protein in human plasma. European Journal of Endocrinology, 1988, 119, 465-473.	1.9	112
45	Abnormal Regulation of Insulin-Like Growth Factor Binding Proteins in Adolescents with Insulin-Dependent Diabetes*. Journal of Clinical Endocrinology and Metabolism, 1991, 73, 964-968.	1.8	112
46	Paracrine stimulation of human renal fibroblasts by proximal tubule cells ¹ . Kidney International, 1998, 54, 747-757.	2.6	112
47	Phosphorylation of insulin-like growth factor binding proteins. Molecular and Cellular Endocrinology, 1997, 128, 1-5.	1.6	111
48	Relationship of somatomedin-C/insulin-like growth factor I levels to conventional nutritional indices in critically ill patients. Critical Care Medicine, 1987, 15, 732-736.	0.4	110
49	Impaired Formation of the Ternary Insulin-Like Growth Factor-Binding Protein Complex in Patients with Hypoglycemia due to Nonislet Cell Tumors*. Journal of Clinical Endocrinology and Metabolism, 1991, 73, 696-702.	1.8	107
50	Growth Inhibition by Insulin-like Growth Factor-binding Protein-3 in T47D Breast Cancer Cells Requires Transforming Growth Factor- β^2 (TGF- β^2) and the Type II TGF- β^2 Receptor. Journal of Biological Chemistry, 2000, 275, 39146-39151.	1.6	106
51	The Growth Hormone/Insulin-Like Growth Factor-I Axis Hormones and Bone Markers in Elite Athletes in Response to a Maximum Exercise Test. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 394-401.	1.8	106
52	Regulation of hepatic growth hormone receptors by insulin. Biochemical and Biophysical Research Communications, 1978, 84, 350-357.	1.0	101
53	Characterisation of recombinant glycosylation variants of insulin-like growth factor binding protein-3. Journal of Endocrinology, 1999, 160, 379-387.	1.2	101
54	Rat Hepatocyte Insulin-Like Growth Factor I and Binding Protein: Effect of Growth Hormone in Vitro and in Vivo*. Endocrinology, 1985, 116, 1102-1107.	1.4	100

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55	Monitoring of growth hormone replacement therapy in adults, based on measurement of serum markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996, 81, 1371-1377.	1.8	99
56	Induction of Hepatic Receptors for Growth Hormone (GH) and Prolactin by GH Infusion Is Sex Independent[*]. <i>Endocrinology</i> , 1984, 115, 2009-2014.	1.4	98
57	The chemokine CXCL1 induces proliferation in epithelial ovarian cancer cells by transactivation of the epidermal growth factor receptor. <i>Endocrine-Related Cancer</i> , 2010, 17, 929-940.	1.6	98
58	Serum "big insulin-like growth factor II" from patients with tumor hypoglycemia lacks normal E-domain O-linked glycosylation, a possible determinant of normal propeptide processing.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 5823-5827.	3.3	95
59	Signaling through the Smad Pathway by Insulin-like Growth Factor-binding Protein-3 in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 7255-7261.	1.6	93
60	Insulin-like growth factor binding protein 3 accumulates to high levels in culture medium of senescent and quiescent human fibroblasts.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 9680-9684.	3.3	92
61	Insulin-like growth factor-binding protein-2 in patients with prostate carcinoma and benign prostatic hyperplasia. <i>Clinical Endocrinology</i> , 1997, 46, 145-154.	1.2	92
62	Five-Day Pulsatile Gonadotropin-Releasing Hormone Administration Unveils Combined Hypothalamic-Pituitary-Gonadal Defects Underlying Profound Hypoandrogenism in Men with Prolonged Critical Illness1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 3217-3226.	1.8	91
63	Novel serum protein biomarker panel revealed by mass spectrometry and its prognostic value in breast cancer. <i>Breast Cancer Research</i> , 2014, 16, R63.	2.2	90
64	The effect of fasting on liver receptors for prolactin and growth hormone. <i>Metabolism: Clinical and Experimental</i> , 1981, 30, 1086-1090.	1.5	89
65	Production of Insulin-Like Growth Factor I and Its Binding Protein in Rat Hepatocytes Cultured from Diabetic and Insulin-Treated Diabetic Rats*. <i>Endocrinology</i> , 1986, 119, 2346-2352.	1.4	89
66	IGF Binding Proteins in Growth-Retarded Children with Chronic Renal Failure. <i>Pediatric Research</i> , 1989, 26, 308-315.	1.1	89
67	Rat Growth Hormone (GH) but Not Prolactin (PRL) Induces both GH and PRL Receptors in Female Rat Liver*. <i>Endocrinology</i> , 1984, 114, 1893-1901.	1.4	88
68	Inhibition of adipocyte differentiation by insulin-like growth factor-binding protein-3. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E654-E663.	1.8	86
69	Insulin-Like Growth Factor-Binding Proteins (IGF-BPs) Produced by Human Skin Fibroblasts: Immunological Relationship to Other Human IGF-BPs*. <i>Endocrinology</i> , 1988, 123, 1907-1915.	1.4	85
70	The Effect of Four Weeks of Supraphysiological Growth Hormone Administration on the Insulin-Like Growth Factor Axis in Women and Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4193-4200.	1.8	84
71	Estrogens Exert Route- and Dose-Dependent Effects on Insulin-Like Growth Factor (IGF)-Binding Protein-3 and the Acid-Labile Subunit of the IGF Ternary Complex*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1918-1922.	1.8	83
72	Inhibitors of Glucose Uptake Stimulate the Production of Insulin-Like Growth Factor-Binding Protein (IGFBP-1) by Human Fetal Liver*. <i>Endocrinology</i> , 1990, 126, 1527-1533.	1.4	81

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73	Toward the Development of a Test for Growth Hormone (GH) Abuse: A Study of Extreme Physiological Ranges of GH-Dependent Markers in 813 Elite Athletes in the Postcompetition Setting. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 641-649.	1.8	81
74	Binding proteins for insulin-like growth factors in adult rat serum. Comparison with other human and rat binding proteins. <i>Biochemical and Biophysical Research Communications</i> , 1987, 147, 408-415.	1.0	80
75	IGF-Binding Protein-3-Induced Growth Inhibition and Apoptosis Do Not Require Cell Surface Binding and Nuclear Translocation in Human Breast Cancer Cells. <i>Endocrinology</i> , 2002, 143, 2693-2699.	1.4	80
76	Classification of the insulin-like growth factor binding proteins into three distinct categories according to their binding specificities. <i>Biochemical and Biophysical Research Communications</i> , 1988, 157, 196-202.	1.0	79
77	Five-Day Pulsatile Gonadotropin-Releasing Hormone Administration Unveils Combined Hypothalamic-Pituitary-Gonadal Defects Underlying Profound Hypoandrogenism in Men with Prolonged Critical Illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 3217-3226.	1.8	79
78	Transforming Growth Factor- β 2 Stimulates Production of Insulin-Like Growth Factor-Binding Protein-3 by Human Skin Fibroblasts*. <i>Endocrinology</i> , 1991, 128, 1425-1433.	1.4	78
79	IGFBP-3 binds GRP78, stimulates autophagy and promotes the survival of breast cancer cells exposed to adverse microenvironments. <i>Oncogene</i> , 2013, 32, 2412-2420.	2.6	76
80	Regulation of the insulin-like growth factors and their binding proteins by glucocorticoid and growth hormone in nonislet cell tumor hypoglycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995, 80, 2700-2708.	1.8	76
81	Thirty-day monitoring of insulin-like growth factors and their binding proteins in intensive care unit patients. <i>Growth Hormone and IGF Research</i> , 1998, 8, 455-463.	0.5	75
82	Purification and Immunological Characterization of the Rat Liver Insulin-Like Growth Factor-II Receptor. <i>Endocrinology</i> , 1987, 120, 1-9.	1.4	74
83	Changes in the IGF-IGFBP axis in critical illness. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2001, 15, 421-434.	2.2	74
84	Potential of Growth Factor Signaling by Insulin-like Growth Factor-binding Protein-3 in Breast Epithelial Cells Requires Sphingosine Kinase Activity. <i>Journal of Biological Chemistry</i> , 2009, 284, 25542-25552.	1.6	74
85	Growth hormone-dependent insulin-like growth factor (IGF) binding protein from human plasma differs from other human igf binding proteins. <i>Biochemical and Biophysical Research Communications</i> , 1986, 139, 1256-1261.	1.0	73
86	Circulating levels of IGFs and IGF binding proteins in human cord serum: relationships to intrauterine growth. <i>Regulatory Peptides</i> , 1993, 48, 29-39.	1.9	73
87	Insulin-like Growth Factor-binding Protein-3 Potentiates Epidermal Growth Factor Action in MCF-10A Mammary Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 2969-2976.	1.6	73
88	Insulin-like growth factors (IGFs) and IGF binding proteins-1, -2, and -3 in newborn serum: relationships to fetoplacental growth at term. <i>Early Human Development</i> , 1996, 46, 15-26.	0.8	72
89	Decreased Hepatic Insulin-Like Growth Factor (IGF)-I and Increased IGF Binding Protein-1 and -2 Gene Expression in Experimental Uremia. <i>Endocrinology</i> , 1997, 138, 938-946.	1.4	72
90	Insulin-Like Growth Factor Binding Protein-3 Leads to Insulin Resistance in Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 6588-6595.	1.8	71

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91	MEASUREMENT OF INSULIN-LIKE GROWTH FACTOR-II BY RADIORECEPTOR ASSAY USING OVINE PLACENTAL MEMBRANES. <i>Clinical Endocrinology</i> , 1986, 24, 267-278.	1.2	70
92	Insulin-like growth factor binding proteins as gluco regulators. <i>Metabolism: Clinical and Experimental</i> , 1995, 44, 12-17.	1.5	70
93	Insulin-like growth factor binding protein-3 (IGFBP-3): Novel ligands mediate unexpected functions. <i>Journal of Cell Communication and Signaling</i> , 2013, 7, 179-189.	1.8	69
94	ANTIBODY AGAINST ACID-STABLE INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN DETECTS 150,000 MOL WT GROWTH HORMONE-DEPENDENT COMPLEX IN HUMAN PLASMA. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1985, 61, 799-801.	1.8	68
95	Insulin-like growth factor-binding protein-1: A role in glucose counterregulation?. <i>Molecular and Cellular Endocrinology</i> , 1991, 79, C147-C152.	1.6	68
96	Radioimmunoassay of insulin-like growth factor-binding protein-6 in human serum and other body fluids. <i>Journal of Endocrinology</i> , 1992, 134, 133-139.	1.2	68
97	Nuclear Insulin-Like Growth Factor Binding Protein-3 Induces Apoptosis and Is Targeted to Ubiquitin/Proteasome-Dependent Proteolysis. <i>Cancer Research</i> , 2006, 66, 3024-3033.	0.4	68
98	Effect of Hypophysectomy with and without Thyroxine Replacement on Growth and Circulating Concentrations of Insulin-Like Growth Factors I and II in the Fetal Lamb*. <i>Endocrinology</i> , 1987, 120, 1821-1830.	1.4	67
99	Structural and Immunological Comparison of Insulin-Like Growth Factor Binding Proteins of Cerebrospinal and Amniotic Fluids*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1989, 68, 638-646.	1.8	67
100	Effects of Recombinant Human Insulin-Like Growth Factor I (IGF-I) Therapy on the Growth Hormone-IGF System of a Patient with a Partial IGF-I Gene Deletion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 1611-1616.	1.8	67
101	Insulin-like growth factor binding protein-3 prevents retinoid receptor heterodimerization: implications for retinoic acid-sensitivity in human breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 83-88.	1.0	67
102	Inhibition of Insulin-like Growth Factor-1 Binding Protein-3 Signaling through Sphingosine Kinase-1 Sensitizes Triple-Negative Breast Cancer Cells to EGF Receptor Blockade. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 316-328.	1.9	66
103	The role of insulin-like growth factor binding protein-3 in the breast cancer cell response to DNA-damaging agents. <i>Oncogene</i> , 2014, 33, 85-96.	2.6	65
104	Oncogenic ras Causes Resistance to the Growth Inhibitor Insulin-like Growth Factor Binding Protein-3 (IGFBP-3) in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 16407-16411.	1.6	64
105	Production of IGF-binding proteins by vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1987, 148, 734-739.	1.0	63
106	Comparison of extraction methods for insulin-like growth factor-I in rat serum. <i>Journal of Endocrinology</i> , 1992, 134, 169-176.	1.2	63
107	Insulin-Like Growth Factor Binding Protein-5 Interacts with the Vitamin D Receptor and Modulates the Vitamin D Response in Osteoblasts. <i>Molecular Endocrinology</i> , 2007, 21, 2378-2390.	3.7	63
108	Nuclear actions of insulin-like growth factor binding protein-3. <i>Gene</i> , 2015, 569, 7-13.	1.0	63

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109	Insulin-Like Growth Factor Binding Protein-3 Expression Is Associated with Growth Stimulation of T47D Human Breast Cancer Cells: The Role of Altered Epidermal Growth Factor Signaling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1950-1956.	1.8	62
110	Insulin-like Growth Factor-binding Protein 5 Complexes with the Acid-labile Subunit. <i>Journal of Biological Chemistry</i> , 1998, 273, 28791-28798.	1.6	61
111	IGFBP-3 interacts with NONO and SFPQ in PARP-dependent DNA damage repair in triple-negative breast cancer. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2015-2030.	2.4	61
112	Within-Subject Variability and Analytic Imprecision of Insulinlike Growth Factor Axis and Collagen Markers: Implications for Clinical Diagnosis and Doping Tests. <i>Clinical Chemistry</i> , 2008, 54, 1268-1276.	1.5	60
113	The glycemic index of foods influences postprandial insulin-like growth factorâ€“binding protein responses in lean young subjects. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 350-354.	2.2	59
114	Involvement of Pregnancy-Associated Plasma Protein-A2 in Insulin-Like Growth Factor (IGF) Binding Protein-5 Proteolysis during Pregnancy: A Potential Mechanism for Increasing IGF Bioavailability. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 1412-1420.	1.8	59
115	Association between Serum Insulin, Serum Somatomedin and Liver Receptors for Human Growth Hormone in Streptozotocin Diabetes. <i>Hormone and Metabolic Research</i> , 1980, 12, 377-381.	0.7	57
116	INSULIN-LIKE GROWTH FACTOR (IGF) BINDING PROTEIN-3 IN PREGNANCY SERUM BINDS NATIVE IGF-I BUT NOT IODO-IGF-L. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1991, 73, 1377-1379.	1.8	57
117	Characterization of Truncated Insulin-Like Growth Factor-Binding Protein-2 in Human Milk*. <i>Endocrinology</i> , 1997, 138, 3811-3818.	1.4	57
118	Acute and Short-Term Effects of Growth Hormone on Insulin-Like Growth Factors and Their Binding Proteins: Serum Levels and Hepatic Messenger Ribonucleic Acid Responses in Humans ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 553-560.	1.8	57
119	Regulation of the Somatotrophic Axis by Intensive Insulin Therapy during Protracted Critical Illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3105-3113.	1.8	57
120	Estrogens Exert Route- and Dose-Dependent Effects on Insulin-Like Growth Factor (IGF)-Binding Protein-3 and the Acid-Labile Subunit of the IGF Ternary Complex. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1918-1922.	1.8	57
121	Structure and functional expression of the acid-labile subunit of the insulin-like growth factor-binding protein complex. <i>Molecular Endocrinology</i> , 1992, 6, 870-876.	3.7	57
122	The insulin-like growth factors and their binding proteins. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1988, 91, 229-235.	0.2	56
123	The glycemic index of foods influences postprandial insulin-like growth factorâ€“binding protein responses in lean young subjects. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 350-354.	2.2	55
124	The Acid-labile Subunit of the Serum Insulin-like Growth Factor-binding Protein Complexes. <i>Journal of Biological Chemistry</i> , 1999, 274, 23328-23332.	1.6	54
125	Measurement of Growth Hormone and Prolactin Receptor Turnover in Rat Liver*. <i>Endocrinology</i> , 1985, 117, 650-655.	1.4	53
126	Regulation of the growth hormone receptor/binding protein, insulin-like growth factor ternary complex system in human cirrhosis. <i>Journal of Hepatology</i> , 2002, 36, 751-758.	1.8	53

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127	Effect of human insulin-like growth factor-binding protein-1 on the half-life and action of administered insulin-like growth factor-I in rats. <i>Journal of Endocrinology</i> , 1993, 136, 253-260.	1.2	52
128	Pharmacodynamics of Growth Hormone Abuse Biomarkers and the Influence of Gender and Testosterone: A Randomized Double-Blind Placebo-Controlled Study in Young Recreational Athletes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2213-2222.	1.8	52
129	Discovery of serum biomarkers for pancreatic adenocarcinoma using proteomic analysis. <i>British Journal of Cancer</i> , 2010, 103, 391-400.	2.9	52
130	MONOCLONAL ANTIBODY AGAINST HUMAN SOMATOMEDIN-C/INSULIN-LIKE GROWTH FACTOR-I. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1982, 54, 474-476.	1.8	51
131	Accumulation of insulin-like growth factor binding protein-3 in conditioned medium of human fibroblasts increases with chronologic age of donor and senescence in vitro. <i>Journal of Cellular Physiology</i> , 1993, 156, 294-302.	2.0	51
132	The Role of Insulin-Like Growth Factors and Their Binding Proteins in Tumor Hypoglycemia. <i>Hormone Research</i> , 1996, 46, 195-201.	1.8	51
133	Human renal fibroblasts modulate proximal tubule cell growth and transport via the IGF-I axis. <i>Kidney International</i> , 1997, 52, 1486-1496.	2.6	51
134	Binding characteristics of pro-insulin-like growth factor-II from cancer patients: binary and ternary complex formation with IGF binding proteins-1 to -6. <i>Journal of Endocrinology</i> , 2000, 165, 253-260.	1.2	51
135	Gonadotropin signalling in epithelial ovarian cancer. <i>Cancer Letters</i> , 2012, 324, 152-159.	3.2	50
136	A Comparison of the Insulin and Insulin-Like Growth Factor I Receptors from Rat Brain and Liver*. <i>Endocrinology</i> , 1988, 122, 1933-1939.	1.4	49
137	Development of Resistance to Insulin-like Growth Factor Binding Protein-3 in Transfected T47D Breast Cancer Cells. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 325-329.	1.0	49
138	Influence of Demographic Factors and Sport Type on Growth Hormone-Responsive Markers in Elite Athletes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4424-4432.	1.8	49
139	C-peptide secretion and insulin antibodies as determinants of stability in diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 1978, 27, 35-44.	1.5	48
140	Growth Hormone Rapidly Induces Resistin Gene Expression in White Adipose Tissue of Spontaneous Dwarf (SDR) Rats. <i>Endocrinology</i> , 2002, 143, 2445-2448.	1.4	48
141	Insulin-like growth factor-binding protein-3 is functionally normal in pregnancy serum. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 74, 177-183.	1.8	48
142	INDUCTION OF SOMATOGENIC RECEPTORS IN LIVERS OF HYPERSOMATOTROPIC RATS. <i>Endocrinology</i> , 1982, 111, 1020-1022.	1.4	47
143	Serum Insulin-Like Growth Factor I (IGF-I), IGF-Binding Protein-1 and -3, and the Acid-Labile Subunit as Serum Markers of Body Composition during Growth Hormone (GH) Therapy in Adults with GH Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 223-228.	1.8	47
144	Regulation of Soluble Insulin-Like Growth Factor II/Mannose 6-Phosphate Receptor in Human Serum: Measurement by Enzyme-Linked Immunosorbent Assay. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 611-617.	1.8	47

#	ARTICLE	IF	CITATIONS
145	Phosphorylation of Insulin-Like Growth Factor Binding Protein-3 by Deoxyribonucleic Acid-Dependent Protein Kinase Reduces Ligand Binding and Enhances Nuclear Accumulation. <i>Endocrinology</i> , 2003, 144, 1984-1993.	1.4	47
146	Enhancement of Tumor Necrosis Factor- α -Induced Growth Inhibition by Insulin-Like Growth Factor-Binding Protein-5 (IGFBP-5), But Not IGFBP-3 in Human Breast Cancer Cells. <i>Endocrinology</i> , 2005, 146, 3113-3122.	1.4	47
147	Proteomic profiling of cholangiocarcinoma: Diagnostic potential of SELDI-TOF MS in malignant bile duct stricture. <i>Hepatology</i> , 2006, 44, 658-666.	3.6	47
148	Identification of human semen insulin-like growth factor-I/somatomedin-C immunoreactivity and binding protein. <i>European Journal of Endocrinology</i> , 1984, 106, 420-427.	1.9	46
149	Short-term exposure to insulin-like growth factors stimulates testosterone production by testicular interstitial cells. <i>European Journal of Endocrinology</i> , 1987, 115, 483-489.	1.9	46
150	Novel Biomarkers of Human Growth Hormone Action from Serum Proteomic Profiling Using Protein Chip Mass Spectrometry. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 671-677.	1.8	46
151	Actions of IGF binding proteins and related proteins in adipose tissue. <i>Trends in Endocrinology and Metabolism</i> , 2009, 20, 499-505.	3.1	46
152	Expression of Insulin-Like Growth Factor Binding Protein-2 by MCF-7 Breast Cancer Cells Is Regulated through the Phosphatidylinositol 3-Kinase/AKT/Mammalian Target of Rapamycin Pathway. <i>Endocrinology</i> , 2007, 148, 2532-2541.	1.4	45
153	Structural differences between insulin and somatomedin-C/insulin-like growth factor-1 receptors revealed by autoantibodies to the insulin receptor. <i>Biochemical and Biophysical Research Communications</i> , 1982, 109, 463-470.	1.0	44
154	Production of an Insulin-Like Growth Factor (IGF)- Inducible IGF-Binding Protein by Human Skin Fibroblasts*. <i>Endocrinology</i> , 1990, 127, 781-788.	1.4	44
155	The Effect of Phosphorylation by Casein Kinase 2 on the Activity of Insulin-Like Growth Factor-Binding Protein-3. <i>Endocrinology</i> , 2000, 141, 564-570.	1.4	44
156	Effect of maternal asthma, inhaled glucocorticoids and cigarette use during pregnancy on the newborn insulin-like growth factor axis. <i>Growth Hormone and IGF Research</i> , 2010, 20, 39-48.	0.5	44
157	Insulin-like growth factor-I (IGF-I) and transforming growth factor-beta 1 release IGF-binding protein-3 from human fibroblasts by different mechanisms. , 0, .		44
158	The role of glycosylation in the action of IGFBP-3. <i>Progress in Growth Factor Research</i> , 1995, 6, 223-229.	1.7	43
159	Signalling pathways of insulin-like growth factors (IGFs) and IGF binding protein-3. <i>Growth Factors</i> , 2011, 29, 235-244.	0.5	43
160	The composition and distribution of insulin-like growth factors (IGFs) and IGF-binding proteins (IGFBPs) in the serum of growth hormone receptor-deficient patients: effects of IGF-I therapy on IGFBP-3. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993, 77, 1683-1689.	1.8	43
161	Molecular Distribution of IGF Binding Protein-5 in Human Serum. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 271-276.	1.8	42
162	Role of N- and C-terminal Residues of Insulin-like Growth Factor (IGF)-binding Protein-3 in Regulating IGF Complex Formation and Receptor Activation. <i>Journal of Biological Chemistry</i> , 2004, 279, 53232-53240.	1.6	42

#	ARTICLE	IF	CITATIONS
163	Molecular basis of the interaction between IGFBP-3 and retinoid X receptor: Role in modulation of RAR-signaling. Archives of Biochemistry and Biophysics, 2007, 465, 359-369.	1.4	42
164	Acute and Short-Term Effects of Growth Hormone on Insulin-Like Growth Factors and Their Binding Proteins: Serum Levels and Hepatic Messenger Ribonucleic Acid Responses in Humans. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 553-560.	1.8	42
165	Regulation of Soluble Insulin-Like Growth Factor II/Mannose 6-Phosphate Receptor in Human Serum: Measurement by Enzyme-Linked Immunosorbent Assay. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 611-617.	1.8	42
166	Proteomic Classification of Pancreatic Adenocarcinoma Tissue Using Protein Chip Technology. Gastroenterology, 2006, 130, 1670-1678.	0.6	41
167	Amino- and Carboxyl-Terminal Fragments of Insulin-Like Growth Factor (IGF) Binding Protein-3 Cooperate to Bind IGFs with High Affinity and Inhibit IGF Receptor Interactions. Endocrinology, 2003, 144, 2797-2806.	1.4	40
168	Gonadotropin-induced ovarian cancer cell migration and proliferation require extracellular signal-regulated kinase 1/2 activation regulated by calcium and protein kinase C β . Endocrine-Related Cancer, 2010, 17, 335-349.	1.6	40
169	Responses of insulin-like growth factor binding protein-1 (IGFBP-1) and the IGFBP-3 complex to administration of insulin-like growth factor-I. European Journal of Endocrinology, 1993, 128, 101-108.	1.9	39
170	Insulin-like growth factor bioactivity and its modification in growth hormone resistant states. Bailliere's Clinical Endocrinology and Metabolism, 1996, 10, 421-446.	1.0	39
171	Antiproliferative and pro-apoptotic activities of insulin-like growth factor-binding protein-3. Growth Hormone and IGF Research, 2000, 10, S10-S11.	0.5	39
172	Diagnosis of growth hormone deficiency in adults. Lancet, The, 1994, 344, 482-483.	6.3	38
173	Insulin-like Growth Factor Binding Protein (IGFBP)-3 Protease Activity Secreted by MCF-7 Breast Cancer Cells: Inhibition by IGFs Does Not Require IGF-IGFBP Interaction ¹ . Endocrinology, 1997, 138, 1683-1690.	1.4	38
174	Continuous Positive Airway Pressure Increases Pulsatile Growth Hormone Secretion and Circulating Insulin-like Growth Factor-1 in a Time-Dependent Manner in Men With Obstructive Sleep Apnea: A Randomized Sham-Controlled Study. Sleep, 2014, 37, 733-741.	0.6	38
175	The effects of recombinant human IGF-I administration on concentrations of acid labile subunit, IGF binding protein-3, IGF-I, IGF-II and proteolysis of IGF binding protein-3 in adolescents with insulin-dependent diabetes mellitus. Journal of Endocrinology, 1998, 157, 81-87.	1.2	37
176	Ligand-binding characteristics of recombinant amino- and carboxyl-terminal fragments of human insulin-like growth factor-binding protein-3. Journal of Endocrinology, 2001, 169, 123-133.	1.2	37
177	Impaired Blockade of Insulin-Like Growth Factor I (IGF-I)-Induced Hypoglycemia by IGF Binding Protein-3 Analog with Reduced Ternary Complex-Forming Ability. Endocrinology, 2002, 143, 1669-1676.	1.4	37
178	Decrease in Serum Receptor-Reactive Somatomedin in Diabetes. Hormone and Metabolic Research, 1979, 11, 216-220.	0.7	36
179	Production of insulin-like growth factor-II by human fetal pancreas in culture. Journal of Endocrinology, 1989, 121, 367-373.	1.2	36
180	Immunofluorescent localization of type II insulin-like growth factor receptor in rat liver and hepatoma cells. Journal of Endocrinology, 1989, 121, 221-NP.	1.2	35

#	ARTICLE	IF	CITATIONS
181	Developmental regulation of insulin-like growth factor-II/mannose 6-phosphate receptor mRNA in the rat. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 775-779.	1.0	35
182	Molecular cloning of the acid-labile subunit of the rat insulin-like growth factor binding protein complex. <i>Biochemical and Biophysical Research Communications</i> , 1992, 188, 304-309.	1.0	35
183	N-Linked Glycosylation and Sialylation of the Acid-labile Subunit. <i>Journal of Biological Chemistry</i> , 1999, 274, 5292-5298.	1.6	35
184	Biochemical Characterization of Individual Human Glycosylated pro-Insulin-like Growth Factor (IGF)-II and big-IGF-II Isoforms Associated with Cancer. <i>Journal of Biological Chemistry</i> , 2013, 288, 59-68.	1.6	35
185	Targeting Insulin-Like Growth Factor Binding Protein-3 Signaling in Triple-Negative Breast Cancer. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	35
186	Adenoviral-Mediated Expression of Human Insulin-like Growth Factor-Binding Protein-3. <i>Protein Expression and Purification</i> , 1999, 16, 202-211.	0.6	34
187	Evidence that human bone cells in culture secrete insulin-like growth factor (IGF)-II and IGF binding protein-3 but not acid-labile subunit both under basal and regulated conditions. <i>Journal of Bone and Mineral Research</i> , 1995, 10, 854-858.	3.1	34
188	Cotargeting of Epidermal Growth Factor Receptor and PI3K Overcomes PI3K/Akt Oncogenic Dependence in Pancreatic Ductal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2014, 20, 4047-4058.	3.2	34
189	Limitations of galactose therapy in phosphoglucomutase 1 deficiency. <i>Molecular Genetics and Metabolism Reports</i> , 2017, 13, 33-40.	0.4	34
190	Ibudilast sensitizes glioblastoma to temozolomide by targeting Macrophage Migration Inhibitory Factor (MIF). <i>Scientific Reports</i> , 2019, 9, 2905.	1.6	34
191	Evaluation of interference by insulin-like growth factor I (IGF-I) binding proteins in a radioimmunoassay for IGF-I in serum from dairy cows. <i>Domestic Animal Endocrinology</i> , 1991, 8, 393-405.	0.8	33
192	Insulin-Like Growth Factor-II/Mannose-6-Phosphate Receptors Are Increased in Hepatocytes from Regenerating Rat Liver*. <i>Endocrinology</i> , 1990, 126, 2543-2549.	1.4	32
193	A Central Domain Binding Site in Insulin-Like Growth Factor Binding Protein-5 for the Acid-Labile Subunit. <i>Endocrinology</i> , 2000, 141, 454-457.	1.4	32
194	TGF- β 2-induced expression of IGFBP-3 regulates IGF1R signaling in human osteosarcoma cells. <i>Molecular and Cellular Endocrinology</i> , 2013, 377, 56-64.	1.6	32
195	Altered Ligand Specificity of Proteolyzed Insulin-like Growth Factor Binding Protein-3. <i>Biochemical and Biophysical Research Communications</i> , 1993, 196, 1267-1273.	1.0	31
196	Leptin Levels in Prolonged Critical Illness: Effects of Growth Hormone-Secretagogues and Thyrotropin-Releasing Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3062-3070.	1.8	31
197	Profiling of Apoptotic Changes in Human Breast Cancer Cells Using SELDI-TOF Mass Spectrometry. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 579-590.	1.1	30
198	Upstream and Downstream Co-inhibition of Mitogen-Activated Protein Kinase and PI3K/Akt/mTOR Pathways in Pancreatic Ductal Adenocarcinoma. <i>Neoplasia</i> , 2016, 18, 425-435.	2.3	30

#	ARTICLE	IF	CITATIONS
199	Insulin-like growth factor-binding protein-3 production by MCF-7 breast cancer cells: stimulation by retinoic acid and cyclic adenosine monophosphate and differential effects of estradiol. , 0, .		30
200	Serum Insulin-Like Growth Factor I (IGF-I), IGF-Binding Protein-1 and -3, and the Acid-Labile Subunit as Serum Markers of Body Composition during Growth Hormone (GH) Therapy in Adults with GH Deficiency. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 223-228.	1.8	30
201	Leptin Levels in Protracted Critical Illness: Effects of Growth Hormone-Secretagogues and Thyrotropin-Releasing Hormone. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 3062-3070.	1.8	30
202	Insulin-like growth factor-II receptors in cultured rat hepatocytes: Regulation by cell density. Journal of Cellular Physiology, 1987, 133, 532-538.	2.0	29
203	The Binding Proteinâ€™s Binding Proteinâ€™ Clinical Applications of Acid-Labile Subunit (ALS) Measurement1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3941-3943.	1.8	29
204	Over Expression of Insulin-Like Growth Factor Binding Protein 3 in Clear Cell Renal Cell Carcinoma. Journal of Urology, 2008, 179, 445-449.	0.2	29
205	Novel Prognostic Markers in Triple-Negative Breast Cancer Discovered by MALDI-Mass Spectrometry Imaging. Frontiers in Oncology, 2019, 9, 379.	1.3	29
206	Effects of Recombinant Human Insulin-Like Growth Factor I (IGF-I) Therapy on the Growth Hormone-IGF System of a Patient with a Partial IGF-I Gene Deletion. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1611-1616.	1.8	29
207	Developmental regulation of circulating insulin-like growth factor-binding proteins in normal pregnancies and in pre-eclampsia. Progress in Growth Factor Research, 1995, 6, 475-480.	1.7	28
208	iTRAQ-Based Proteomic Profiling of Breast Cancer Cell Response to Doxorubicin and TRAIL. Journal of Proteome Research, 2012, 11, 3561-3572.	1.8	28
209	Pulsatility of Immunoreactive Somatomedin-C in Chronically Cannulated Rats*. Endocrinology, 1983, 113, 729-734.	1.4	27
210	The Regulation of Acid-Labile Subunit Gene Expression and Secretion by Cyclic Adenosine 3â€™,5â€™-Monophosphate1. Endocrinology, 1998, 139, 260-265.	1.4	27
211	The in Vivo Phosphorylation and Glycosylation of Human Insulin-like Growth Factor-binding Protein-5. Molecular and Cellular Proteomics, 2007, 6, 1392-1405.	2.5	27
212	Tissue biomarkers of breast cancer and their association with conventional pathologic features. British Journal of Cancer, 2013, 108, 351-360.	2.9	27
213	IGF-Binding Protein-3-Induced Growth Inhibition and Apoptosis Do Not Require Cell Surface Binding and Nuclear Translocation in Human Breast Cancer Cells. , 0, .		27
214	Chapter 5 Molecular aspects of insulin-like growth factor binding proteins. Advances in Molecular and Cellular Endocrinology, 1997, , 123-159.	0.1	26
215	The Role of the Acid-Labile Subunit in Regulating Insulin-Like Growth Factor Transport across Human Umbilical Vein Endothelial Cell Monolayers. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2382-2389.	1.8	26
216	Breast cancer biomarkers: proteomic discovery and translation to clinically relevant assays. Expert Review of Proteomics, 2012, 9, 599-614.	1.3	26

#	ARTICLE	IF	CITATIONS
217	Protection of Blood Retinal Barrier and Systemic Vasculature by Insulin-Like Growth Factor Binding Protein-3. PLoS ONE, 2012, 7, e39398.	1.1	26
218	Biomarkers of Breast Cancer Apoptosis Induced by Chemotherapy and TRAIL. Journal of Proteome Research, 2012, 11, 1240-1250.	1.8	26
219	The Binding Protein's Binding Protein-- Clinical Applications of Acid-Labile Subunit (ALS) Measurement. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3941-3943.	1.8	26
220	How Should Insulin-Like Growth Factor I Be Measured?. Hormone Research in Paediatrics, 2001, 55, 106-109.	0.8	25
221	Mutagenesis of Basic Amino Acids in the Carboxyl-Terminal Region of Insulin-Like Growth Factor Binding Protein-5 Affects Acid-Labile Subunit Binding. Endocrinology, 2001, 142, 2147-2150.	1.4	25
222	Comparison of receptors for insulin-like growth factor II from various rat tissues. Journal of Endocrinology, 1987, 115, 35-NP.	1.2	24
223	Protein Chip Discovery of Secreted Proteins Regulated by the Phosphatidylinositol 3-Kinase Pathway in Ovarian Cancer Cell Lines. Cancer Research, 2006, 66, 1376-1383.	0.4	24
224	Decreased Hepatic Insulin-Like Growth Factor (IGF)-I and Increased IGF Binding Protein-1 and -2 Gene Expression in Experimental Uremia. , 0, .		24
225	The Insulin-Like Growth Factor-II (IGF II) Receptor from Rat Brain Is of Lower Apparent Molecular Weight than the IGF II Receptor from Rat Liver*. Endocrinology, 1987, 121, 1306-1311.	1.4	23
226	Increased Expression of Insulin-Like Growth Factor-II/ Mannose-6-Phosphate Receptor in Regenerating Rat Liver*. Endocrinology, 1990, 127, 2210-2216.	1.4	23
227	Abnormal serum IGF-II transport in non-islet cell tumor hypoglycemia results from abnormalities of both IGF binding protein-3 and acid labile subunit and leads to elevation of serum free IGF-II. Endocrine, 1995, 3, 425-428.	2.2	23
228	Free Insulin-like Growth Factor Binding Protein-3 (IGFBP-3) Reduces Retinal Vascular Permeability in Association with a Reduction of Acid Sphingomyelinase (ASMase). , 2011, 52, 8278.		23
229	Involvement of the insulin-like growth factor binding proteins in the cancer cell response to DNA damage. Journal of Cell Communication and Signaling, 2015, 9, 167-176.	1.8	23
230	Inhibition of basal-like breast cancer growth by FTY720 in combination with epidermal growth factor receptor kinase blockade. Breast Cancer Research, 2017, 19, 90.	2.2	23
231	Reciprocal modulation of insulin and insulin-like growth factor-I receptor affinity by calcium. Biochemical and Biophysical Research Communications, 1983, 116, 62-67.	1.0	21
232	Regulation of insulin-like growth factor-binding protein-3 ternary complex formation in pregnancy. Journal of Endocrinology, 1998, 159, 265-274.	1.2	21
233	Characterization of an amino-terminal fragment of insulin-like growth factor binding protein-3 and its effects in MCF-7 breast cancer cells. Growth Hormone and IGF Research, 2000, 10, 367-377.	0.5	21
234	Differential long-term effects of insulin-like growth factor-I (IGF-I) growth hormone (GH), and IGF-I plus GH on body growth and IGF binding proteins in hypophysectomized rats. , 0, .		21

#	ARTICLE	IF	CITATIONS
235	Insulin-like growth factor-binding protein-2 in patients with prostate carcinoma and benign prostatic hyperplasia. <i>Clinical Endocrinology</i> , 1997, 46, 333-342.	1.2	20
236	CLASSIFICATION OF PANCREATIC CYSTIC LESIONS USING SELDI-TOF MASS SPECTROMETRY. <i>ANZ Journal of Surgery</i> , 2007, 77, 648-653.	0.3	20
237	Serum apolipoprotein C-II is prognostic for survival after pancreatic resection for adenocarcinoma. <i>British Journal of Cancer</i> , 2012, 107, 1883-1891.	2.9	20
238	Involvement of p53 in insulin-like growth factor binding protein-3 regulation in the breast cancer cell response to DNA damage. <i>Oncotarget</i> , 2015, 6, 26583-26598.	0.8	20
239	Stimulation of protein synthesis in isolated hepatocytes by somatomedin. <i>Metabolism: Clinical and Experimental</i> , 1978, 27, 503-506.	1.5	19
240	Changes in rat liver prolactin binding sites in diabetes are sex dependent. <i>Metabolism: Clinical and Experimental</i> , 1981, 30, 211-216.	1.5	19
241	SECRETION OF SOLUBLE INSULIN-LIKE GROWTH FACTOR-II/MANNOSE 6-PHOSPHATE RECEPTOR BY RAT TISSUES IN CULTURE. <i>Endocrinology</i> , 1991, 128, 2204-2206.	1.4	19
242	Insulin-like growth factors (IGFs) and IGF binding proteins, serum acid-labile subunit and growth hormone binding protein in nephrotic children. <i>Kidney International</i> , 1997, 52, 802-810.	2.6	19
243	Inhibition of the Insulin-Like Growth Factor (IGF)-IGF-Binding Protein Interaction. <i>Hormone Research in Paediatrics</i> , 2001, 55, 68-72.	0.8	19
244	Effect of Intensive Insulin Therapy on the Somatotrophic Axis of Critically Ill Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 2558-2566.	1.8	19
245	A novel truncated form of S100P predicts disease-free survival in patients with lymph node positive breast cancer. <i>Cancer Letters</i> , 2015, 368, 64-70.	3.2	19
246	Nuclear Insulin-Like Growth Factor Binding Protein-3 As a Biomarker in Triple-Negative Breast Cancer Xenograft Tumors: Effect of Targeted Therapy and Comparison With Chemotherapy. <i>Frontiers in Endocrinology</i> , 2018, 9, 120.	1.5	19
247	Characterization of Truncated Insulin-Like Growth Factor-Binding Protein-2 in Human Milk. , 0, .		19
248	Modulation of human IGF binding protein-3 activity by structural modification. <i>Progress in Growth Factor Research</i> , 1995, 6, 215-222.	1.7	18
249	Insulin-Like Growth Factor-I Inhibits Cell Growth in the A549 Non-Small Lung Cancer Cell Line. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 336-344.	1.4	18
250	The circulating IGF system and its relationship with 24-h glucose regulation and insulin sensitivity in healthy subjects. <i>Clinical Endocrinology</i> , 2003, 58, 777-784.	1.2	18
251	The Aminoterminal Insulin-Like Growth Factor (IGF) Binding Domain of IGF Binding Protein-3 Cannot Be Functionally Substituted by the Structurally Homologous Domain of CCN3. <i>Endocrinology</i> , 2006, 147, 5268-5274.	1.4	18
252	Modulatory Effect of Raloxifene and Estrogen on the Metabolic Action of Growth Hormone in Hypopituitary Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2099-2106.	1.8	18

#	ARTICLE	IF	CITATIONS
253	Involvement of Insulin-like Growth Factor-binding Protein-3 in the Effects of Histone Deacetylase Inhibitor MS-275 in Hepatoma Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 29540-29547.	1.6	18
254	IGF Binding Protein-3 and the Acid-Labile Subunit: Formation of the Ternary Complex in Vitro and in Vivo. <i>Advances in Experimental Medicine and Biology</i> , 1994, 343, 237-244.	0.8	18
255	Purification of the serum acid-stable insulin-like growth factor binding protein from the pig (Sus) Tj ETQq1 1 0.784314 rgBT /Overlock 0.2 17		
256	Long-term effects of insulin-like growth factor (IGF)-I on serum IGF-I, IGF-binding protein-3 and acid labile subunit in Laron syndrome patients with normal growth hormone binding protein. <i>European Journal of Endocrinology</i> , 1997, 137, 626-630.	1.9	17
257	The effect of an intravenous infusion of IGF-I and insulin on IGFBP-1, IGFBP-3, acid labile subunit, free and bound IGF-I, catecholamines and potassium in normal volunteers during an amino acid and glucose clamp. <i>Clinical Endocrinology</i> , 1997, 47, 685-691.	1.2	17
258	Serum free insulin-like growth factor-I is dose-dependently decreased by methylprednisolone and related to body weight changes in rats. <i>Growth Hormone and IGF Research</i> , 1999, 9, 74-80.	0.5	17
259	Stimulation of the 150-Kilodalton Insulin-Like Growth Factor-Binding Protein-3 Ternary Complex by Continuous and Pulsatile Patterns of Growth Hormone (GH) Administration in GH-Deficient Patients ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4310-4314.	1.8	17
260	Effects of endogenous insulin-like growth factor binding protein-3 on cell cycle regulation in breast cancer cells. <i>Growth Factors</i> , 2009, 27, 394-408.	0.5	17
261	Proteomic Profiling of Growth Hormone-Responsive Proteins in Human Peripheral Blood Leukocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3038-3043.	1.8	17
262	Combination therapy approaches to target insulin-like growth factor receptor signaling in breast cancer. <i>Endocrine-Related Cancer</i> , 2016, 23, R527-R550.	1.6	17
263	Bioavailability of insulin-like growth factors (IGFs) in rats determined by the molecular distribution of human IGF-binding protein-3. , 0, .		17
264	Pituitary dwarfism in German Shepherd Dogs. <i>Journal of Small Animal Practice</i> , 1978, 19, 711-727.	0.5	16
265	Radioimmunoassay for Insulin-Like Growth Factor (IGF). II: Interference by Pure IGF-Binding Proteins. <i>Journal of Immunoassay</i> , 1990, 11, 445-458.	0.3	16
266	Cloning and characterization of the rat gene for the acid-labile subunit of the insulin-like growth factor binding protein complex. <i>Journal of Molecular Endocrinology</i> , 1997, 19, 267-277.	1.1	16
267	Initial characterization of the GH-IGF axis and nutritional status of the Ati Negritos of the Philippines. <i>Clinical Endocrinology</i> , 1999, 51, 741-747.	1.2	16
268	Differential Regulation of Insulin-Like Growth Factor-Binding Protein-3 Protease Activity in MCF-7 Breast Cancer Cells by Estrogen and Transforming Growth Factor- β 1*. <i>Endocrinology</i> , 2000, 141, 3104-3110.	1.4	16
269	Postnatal nutrition alters body composition in adult offspring exposed to maternal protein restriction. <i>British Journal of Nutrition</i> , 2009, 101, 1878-1884.	1.2	16
270	Interaction Between IGF Binding Protein-3 and TGF β 2 in the Regulation of Adipocyte Differentiation. <i>Endocrinology</i> , 2012, 153, 4799-4807.	1.4	16

#	ARTICLE	IF	CITATIONS
271	Insulin-like growth factor binding protein-3 links obesity and breast cancer progression. <i>Oncotarget</i> , 2016, 7, 55491-55505.	0.8	16
272	The Cloning and Expression of the Baboon Acid-Labile Subunit of the Insulin-like Growth Factor Binding Protein Complex. <i>Biochemical and Biophysical Research Communications</i> , 1996, 227, 897-902.	1.0	15
273	Does growth hormone allow more efficient nitrogen sparing in postoperative patients requiring parenteral nutrition? A double-blind, placebo-controlled randomised trial. <i>Clinical Nutrition</i> , 2005, 24, 943-955.	2.3	15
274	Discovery of diagnostic biomarkers for pancreatic cancer in immunodepleted serum by SELDI-TOF MS. <i>Pancreatology</i> , 2012, 12, 124-129.	0.5	15
275	Insulin-like Growth Factor Binding Protein (IGFBP)-3 Protease Activity Secreted by MCF-7 Breast Cancer Cells: Inhibition by IGFs Does Not Require IGF-IGFBP Interaction. , 0, .		15
276	Characterization of the high molecular weight insulin-like growth factor complex in term pregnancy serum. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 75, 1261-1267.	1.8	15
277	Differential regulation of insulin-like growth factor-II receptors in rat hepatocytes and hepatoma cells. <i>Biochemical and Biophysical Research Communications</i> , 1988, 151, 815-821.	1.0	14
278	Interaction of insulin, glucocorticoids, and protein kinase C in the regulation of insulin-like growth factor-binding protein-1 production by H4IIE rat hepatoma cells. <i>Journal of Cellular Physiology</i> , 1996, 166, 121-129.	2.0	14
279	Recommendations for nomenclature of the insulin-like growth factor binding protein (IGFBP) superfamily. <i>Growth Hormone and IGF Research</i> , 1998, 8, 273-274.	0.5	14
280	Enhancement of mammary tumour growth by IGFBP-3 involves impaired T cell accumulation. <i>Endocrine-Related Cancer</i> , 2018, 25, 111-122.	1.6	14
281	Energy metabolism and substrate oxidation in acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995, 80, 486-491.	1.8	14
282	Stimulation of the 150-Kilodalton Insulin-Like Growth Factor-Binding Protein-3 Ternary Complex by Continuous and Pulsatile Patterns of Growth Hormone (GH) Administration in GH-Deficient Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4310-4314.	1.8	14
283	Age-Dependent Regulation of the Acid-Labile Subunit in Response to Fasting-Refeeding in Rats. <i>Endocrinology</i> , 2002, 143, 4505-4512.	1.4	13
284	Growth Hormone Modulation of the Rat Hepatic Bile Transporter System in Endotoxin-Induced Cholestasis. <i>Endocrinology</i> , 2003, 144, 4008-4017.	1.4	13
285	Detection of growth hormone responsive proteins using SELDI-TOF mass spectrometry. <i>Growth Hormone and IGF Research</i> , 2009, 19, 383-387.	0.5	13
286	Involvement of insulin-like growth factor binding protein-3 in peroxisome proliferator-activated receptor gamma-mediated inhibition of breast cancer cell growth. <i>Molecular and Cellular Endocrinology</i> , 2015, 399, 354-361.	1.6	13
287	Growth hormone (GH) regulation of circulating insulin-like growth factor-I levels during sexual maturation of the GH-deficient dwarf (dw/dw) male rat. <i>Journal of Endocrinology</i> , 1994, 141, 393-401.	1.2	12
288	Activity of Human Pregnancy Insulin-Like Growth Factor Binding Protein-3: Determination by Reconstituting Recombinant Complexes. <i>Endocrinology</i> , 2009, 150, 4968-4976.	1.4	12

#	ARTICLE	IF	CITATIONS
289	D440N Mutation in the Acid-Labile Subunit of Insulin-Like Growth Factor Complexes Inhibits Secretion and Complex Formation. <i>Molecular Endocrinology</i> , 2011, 25, 307-314.	3.7	12
290	Differential Effects of Raloxifene and Estrogen on Body Composition in Growth Hormone-Replaced Hypopituitary Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 1005-1012.	1.8	12
291	The effect of ethanol and cyanide on NAD/NADH2 ratios in rat liver. <i>Biochemical Pharmacology</i> , 1969, 18, 233-236.	2.0	11
292	Competitive Binding Assay for Determination of Rat Insulin-Like Growth Factor Binding Protein-3. <i>Endocrinology</i> , 1998, 139, 1454-1457.	1.4	11
293	Erythropoietin administration does not influence the GH-IGF axis or makers of bone turnover in recreational athletes. <i>Clinical Endocrinology</i> , 2005, 63, 305-309.	1.2	11
294	Insulin-like growth factor binding protein-3 inhibits migration of endometrial cancer cells. <i>Cancer Letters</i> , 2012, 317, 41-48.	3.2	11
295	CCN2 requires TGF- β 2 signalling to regulate CCAAT/enhancer binding proteins and inhibit fat cell differentiation. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 27-36.	1.8	11
296	Insulin-like growth factor receptor and sphingosine kinase are prognostic and therapeutic targets in breast cancer. <i>BMC Cancer</i> , 2017, 17, 820.	1.1	11
297	Altered expression of members of the IGF-axis in clear cell renal cell carcinoma. <i>International Journal of Oncology</i> , 2005, 26, 923-31.	1.4	11
298	Adrenal involvement in the diabetes-induced loss of growth hormone and prolactin receptors in the livers of female rats. <i>Diabetologia</i> , 1986, 29, 106-111.	2.9	10
299	Measurement of the acid-labile subunit of the insulin-like growth factor binding protein complex in human serum: a comparison of four immunoassays. <i>Journal of Endocrinology</i> , 2000, 165, 271-279.	1.2	10
300	Altered expression of members of the IGF-axis in clear cell renal cell carcinoma. <i>International Journal of Oncology</i> , 2005, 26, 923.	1.4	10
301	The effect of different patterns of growth hormone administration on the IGF axis and somatic and skeletal growth of the dwarf rat. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E467-E476.	1.8	10
302	Factors that May Influence the Willingness of Cancer Patients to Consent for Biobanking. <i>Biopreservation and Biobanking</i> , 2014, 12, 409-414.	0.5	10
303	Cytochalasin B stimulates insulin-like growth factor-binding protein-1 production by Hep G2 cells. <i>Molecular and Cellular Endocrinology</i> , 1991, 77, 149-157.	1.6	9
304	The dissociation of insulin from human insulin antibodies. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1976, 444, 231-239.	1.1	8
305	High-affinity receptor for insulin-like growth factor II in rat liver: properties and regulation in vivo. <i>Journal of Endocrinology</i> , 1987, 113, 27-35.	1.2	8
306	Characterisation of the rat acid-labile subunit gene. <i>Progress in Growth Factor Research</i> , 1995, 6, 141-149.	1.7	8

#	ARTICLE	IF	CITATIONS
307	A study of parenteral versus enteral nutrition following caecal ligation and puncture in the rat: Influence on survival and tissue protein turnover. <i>Clinical Nutrition</i> , 2004, 23, 1135-1145.	2.3	8
308	Silencing overexpression of FXD3 protein in breast cancer cells amplifies effects of doxorubicin and β -radiation on Na ⁺ /K ⁺ -ATPase and cell survival. <i>Breast Cancer Research and Treatment</i> , 2016, 155, 203-213.	1.1	8
309	IGF Binding Proteins as Modulators of IGF Action. , 1999, , 227-255.		8
310	The insulin-like growth factor (IGF)-IGF-binding protein axis in critical illness. <i>Growth Hormone and IGF Research</i> , 1999, 9, 67-69.	0.5	7
311	What Is the Significance of IGF-Binding Protein-3 Proteolysis in the Circulation?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5087-5088.	1.8	7
312	Regulation of the acid-labile subunit in sustained endotoxemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 283, E692-E701.	1.8	7
313	Mutagenesis of Basic Amino Acids in the Carboxyl-Terminal Region of Insulin-Like Growth Factor Binding Protein-5 Affects Acid-Labile Subunit Binding. , 0, .		7
314	Regulation of insulin-like growth factor-binding protein-1 in rat serum. <i>Diabetes</i> , 1994, 43, 232-239.	0.3	7
315	Parenteral amino acid intake alters the anabolic actions of insulin-like growth factor I in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 277, E63-E72.	1.8	6
316	Acid-labile subunit regulation during the early stages of liver regeneration: implications for glucoregulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 280, E287-E295.	1.8	6
317	Amphiregulin increases migration and proliferation of epithelial ovarian cancer cells by inducing its own expression via PI3-kinase signaling. <i>Molecular and Cellular Endocrinology</i> , 2021, 533, 111338.	1.6	6
318	Noncoding RNA actions through IGFs and IGF binding proteins in cancer. <i>Oncogene</i> , 2022, 41, 3385-3393.	2.6	6
319	Inactivation of phosphoenolpyruvate carboxykinase by acetaldehyde. <i>Biochemical and Biophysical Research Communications</i> , 1976, 70, 965-971.	1.0	5
320	Parenteral nutrition with lipid or glucose suppresses liver growth and response to GH in adolescent male rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E1063-E1072.	1.8	5
321	Hyperinsulinism and overgrowth without obesity. <i>Archives of Disease in Childhood</i> , 2003, 88, 332-334.	1.0	5
322	How IGF-1 activates its receptor. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 87-87.	1.8	5
323	Contrasting effects of IGF binding protein-3 expression in mammary tumor cells and the tumor microenvironment. <i>Experimental Cell Research</i> , 2019, 374, 38-45.	1.2	5
324	Regulation and Actions of Insulin-Like Growth Factor Binding Protein-3. <i>Advances in Experimental Medicine and Biology</i> , 1991, 293, 125-135.	0.8	5

#	ARTICLE	IF	CITATIONS
325	ITT and IGF-I in the diagnosis of growth hormone deficiency in adults. <i>Lancet, The</i> , 1994, 344, 613-614.	6.3	4
326	Regulation and actions of the insulin-like growth factor binding proteins. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 1994, 1, 16-21.	0.6	4
327	A purified bovine serum albumin preparation contains an insulin-like growth factor (IGF) binding protein-3 fragment that forms ternary complexes selectively with IGF-II and the acid-labile subunit. <i>Growth Hormone and IGF Research</i> , 2000, 10, 215-223.	0.5	4
328	Radioimmunoassay of soluble insulin-like growth factor-II/mannose 6-phosphate receptor: developmental regulation of receptor release by rat tissues in culture.. , 0, .		3
329	The Response of Insulin-like Growth Factor Binding Protein-3 Complex to Growth Hormone. <i>Clinical Pediatric Endocrinology</i> , 1993, 2, 45-50.	0.4	3
330	Insulin-Like Growth Factor-II Receptors. , 1990, , 329-346.		2
331	Purification and characterization of insulin-like growth factor-II receptors. <i>Methods in Enzymology</i> , 1989, 168, 309-324.	0.4	1
332	Commentâ€”Do Glucocorticoids Mediate the Hypoglycemia-Induced Rise in Insulin-Like Growth Factor Binding Protein-1?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 2259-2261.	1.8	1
333	IGFBP special issue â€” introduction. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 109-109.	1.8	1
334	Stimulation of Proliferative Pathways by IGF-binding Proteins. <i>Research and Perspectives in Endocrine Interactions</i> , 2010, , 59-68.	0.2	1
335	Regulation of serum insulin-like growth factor bioavailability. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 1999, 6, 84.	0.6	1
336	What Is the Significance of IGF-Binding Protein-3 Proteolysis in the Circulation?. , 0, .		1
337	Comment-Do Glucocorticoids Mediate the Hypoglycemia-Induced Rise in Insulin-Like Growth Factor Binding Protein-1?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 2259-2261.	1.8	1
338	Abstract 1047: A role for the free beta subunit of human chorionic gonadotropin in sensitivity of epithelial ovarian cancer cells to platinum-based chemotherapeutics. , 2015, , .		0
339	Quality of breast biopsy specimens received for steroid receptor analysis. <i>Medical Journal of Australia</i> , 1987, 146, 170-172.	0.8	0
340	Displacement of Native FXVD Protein From Na ⁺ /K ⁺ -ATPase With Novel FXVD Peptide Derivatives: Effects on Doxorubicin Cytotoxicity. <i>Frontiers in Oncology</i> , 2022, 12, 859216.	1.3	0