

# Andreas Hoeflich

## List of Publications by Year in descending order

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144  
papers

5,040  
citations

81839

39  
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63  
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147  
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147  
docs citations

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times ranked

6697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Myogenic Precursor Cells Show Faster Activation and Enhanced Differentiation in a Male Mouse Model Selected for Advanced Endurance Exercise Performance. <i>Cells</i> , 2022, 11, 1001.	1.8	3
2	Dietary intervention improves health metrics and life expectancy of the genetically obese Titan mouse. <i>Communications Biology</i> , 2022, 5, 408.	2.0	4
3	Surprisingly long survival of premature conclusions about naked mole-rat biology. <i>Biological Reviews</i> , 2021, 96, 376-393.	4.7	33
4	Development of a Sensitive Bioassay for the Analysis of IGF-Related Activation of AKT/mTOR Signaling in Biological Matrices. <i>Cells</i> , 2021, 10, 482.	1.8	2
5	Control of Protein and Energy Metabolism in the Pituitary Gland in Response to Three-Week Running Training in Adult Male Mice. <i>Cells</i> , 2021, 10, 736.	1.8	4
6	Glucose metabolism and the somatotrophic axis in dairy cows after abomasal infusion of essential fatty acids together with conjugated linoleic acid during late gestation and early lactation. <i>Journal of Dairy Science</i> , 2021, 104, 3646-3664.	1.4	8
7	Effect of maternal supplementation with essential fatty acids and conjugated linoleic acid on metabolic and endocrine development in neonatal calves. <i>Journal of Dairy Science</i> , 2021, 104, 7295-7314.	1.4	5
8	Central Suppression of the GH/IGF Axis and Abrogation of Exercise-Related mTORC1/2 Activation in the Muscle of Phenotype-Selected Male Marathon Mice (DUhTP). <i>Cells</i> , 2021, 10, 3418.	1.8	3
9	Systemic Effects by Intrathecal Administration of Triamcinolone Acetonide in Patients With Multiple Sclerosis. <i>Frontiers in Endocrinology</i> , 2020, 11, 574.	1.5	4
10	Analysis of Activity-Dependent Energy Metabolism in Mice Reveals Regulation of Mitochondrial Fission and Fusion mRNA by Voluntary Physical Exercise in Subcutaneous Fat from Male Marathon Mice (DUhTP). <i>Cells</i> , 2020, 9, 2697.	1.8	7
11	Xenogeneic and Stem Cell-Based Therapy for Cardiovascular Diseases: Genetic Engineering of Porcine Cells and Their Applications in Heart Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9686.	1.8	5
12	Sex-Specific Control of Muscle Mass: Elevated IGFBP Proteolysis and Reductions of IGF-1 Levels Are Associated with Substantial Loss of Carcass Weight in Male DU6PxIGFBP-2 Transgenic Mice. <i>Cells</i> , 2020, 9, 2174.	1.8	1
13	Integrative Cluster Analysis of Whole Hearts Reveals Proliferative Cardiomyocytes in Adult Mice. <i>Cells</i> , 2020, 9, 1144.	1.8	19
14	Effects of colostrum instead of formula feeding for the first 2 days postnatum on whole-body energy metabolism and its endocrine control in neonatal calves. <i>Journal of Dairy Science</i> , 2020, 103, 3577-3598.	1.4	16
15	Overlap of Peak Growth Activity and Peak IGF-1 to IGFBP Ratio: Delayed Increase of IGFBPs Versus IGF-1 in Serum as a Mechanism to Speed up and down Postnatal Weight Gain in Mice. <i>Cells</i> , 2020, 9, 1516.	1.8	9
16	Single-Nucleus Sequencing of an Entire Mammalian Heart: Cell Type Composition and Velocity. <i>Cells</i> , 2020, 9, 318.	1.8	36
17	Single nuclei sequencing of entire mammalian hearts: strain-dependent cell-type composition and velocity. <i>Cardiovascular Research</i> , 2020, 116, 1249-1251.	1.8	13
18	Reduced Fragmentation of IGFBP-2 and IGFBP-3 as a Potential Mechanism for Decreased Ratio of IGF-II to IGFBPs in Cerebrospinal Fluid in Response to Repeated Intrathecal Administration of Triamcinolone Acetonide in Patients With Multiple Sclerosis. <i>Frontiers in Endocrinology</i> , 2020, 11, 565557.	1.5	2

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19	Effects of a combined essential fatty acid and conjugated linoleic acid abomasal infusion on metabolic and endocrine traits, including the somatotrophic axis, in dairy cows. <i>Journal of Dairy Science</i> , 2020, 103, 12069-12082.	1.4	6
20	Influence of ad libitum milk replacer feeding and butyrate supplementation on the systemic and hepatic insulin-like growth factor I and its binding proteins in Holstein calves. <i>Journal of Dairy Science</i> , 2018, 101, 1661-1672.	1.4	19
21	Partial phenotype conversion and differential trait response to conditions of husbandry in mice. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2018, 188, 527-539.	0.7	9
22	Characterization of igf1 and igf2 genes during maraena whitefish ( <i>Coregonus maraena</i> ) ontogeny and the effect of temperature on embryogenesis and igf expression. <i>Growth Hormone and IGF Research</i> , 2018, 40, 32-43.	0.5	15
23	Cytokines in milk and the role of TGF-beta. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2018, 32, 47-56.	2.2	41
24	Growth hormone receptor-deficient pigs resemble the pathophysiology of human Laron syndrome and reveal altered activation of signaling cascades in the liver. <i>Molecular Metabolism</i> , 2018, 11, 113-128.	3.0	79
25	Current IGFBP-Related Biomarker Research in Cardiovascular Diseaseâ€”We Need More Structural and Functional Information in Clinical Studies. <i>Frontiers in Endocrinology</i> , 2018, 9, 388.	1.5	34
26	Effect of adipocyte-derived IGF-I on adipose tissue mass and glucose metabolism in the Berlin Fat Mouse. <i>Growth Factors</i> , 2018, 36, 78-88.	0.5	8
27	Effects of Transport Duration and Environmental Conditions in Winter or Summer on the Concentrations of Insulin-Like Growth Factors and Insulin-Like Growth Factor-Binding Proteins in the Plasma of Market-Weight Pigs. <i>Frontiers in Endocrinology</i> , 2018, 9, 36.	1.5	2
28	Potential Functions of IGFBP-2 for Ovarian Folliculogenesis and Steroidogenesis. <i>Frontiers in Endocrinology</i> , 2018, 9, 119.	1.5	17
29	Increased Concentrations of Insulin-Like Growth Factor Binding Protein (IGFBP)-2, IGFBP-3, and IGFBP-4 Are Associated With Fetal Mortality in Pregnant Cows. <i>Frontiers in Endocrinology</i> , 2018, 9, 310.	1.5	7
30	Interference of stress with the somatotrophic axis in pigs â€” lights on new biomarkers. <i>Scientific Reports</i> , 2017, 7, 12055.	1.6	9
31	Functional analysis of the IGF-system in milk. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2017, 31, 409-418.	2.2	26
32	Insulin-Like Growth Factor Bioactivity, Stanniocalcin-2, Pregnancy-Associated Plasma Protein-A, and IGF-Binding Protein-4 in Pleural Fluid and Serum From Patients With Pulmonary Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3526-3534.	1.8	31
33	Analysis of the IGF-system in milk from farm animals â€” Occurrence, regulation, and biomarker potential. <i>Growth Hormone and IGF Research</i> , 2017, 35, 1-7.	0.5	16
34	Phenotype analysis of male transgenic mice overexpressing mutant IGFBP-2 lacking the Cardinâ€”Weintraub sequence motif: Reduced expression of synaptic markers and myelin basic protein in the brain and a lower degree of anxiety-like behaviour. <i>Growth Hormone and IGF Research</i> , 2017, 33, 1-8.	0.5	11
35	Browning of subcutaneous fat and higher surface temperature in response to phenotype selection for advanced endurance exercise performance in male DUhTP mice. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 361-373.	0.7	17
36	Advanced Running Performance by Genetic Predisposition in Male Dummerstorf Marathon Mice (DUhTP) Reveals Higher Sterol Regulatory Element-Binding Protein (SREBP) Related mRNA Expression in the Liver and Higher Serum Levels of Progesterone. <i>PLoS ONE</i> , 2016, 11, e0146748.	1.1	6

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37	Role of PTHrP(1-34) Pulse Frequency Versus Pulse Duration to Enhance Mesenchymal Stromal Cell Chondrogenesis. <i>Journal of Cellular Physiology</i> , 2016, 231, 2673-2681.	2.0	25
38	Quantitative Western ligand blotting reveals common patterns and differential features of IGFBP-fingerprints in domestic ruminant breeds and species. <i>Growth Hormone and IGF Research</i> , 2016, 26, 42-49.	0.5	18
39	Early hypermethylation of hepatic <i>Igf1</i> results in its reduced expression preceding fatty liver in mice. <i>Human Molecular Genetics</i> , 2016, 25, ddd121.	1.4	46
40	Skeletal muscle-specific overexpression of IGFBP-2 promotes a slower muscle phenotype in healthy but not dystrophic mdx mice and does not affect the dystrophic pathology. <i>Growth Hormone and IGF Research</i> , 2016, 30-31, 1-10.	0.5	11
41	Dissociation of somatic growth, time of sexual maturity, and life expectancy by overexpression of an RGD-deficient IGFBP variant in female transgenic mice. <i>Aging Cell</i> , 2016, 15, 111-117.	3.0	9
42	Comparative analysis of hepatic miRNA levels in male marathon mice reveals a link between obesity and endurance exercise capacities. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 1067-1078.	0.7	17
43	Methylating micronutrient supplementation during pregnancy influences foetal hepatic gene expression and IGF signalling and increases foetal weight. <i>European Journal of Nutrition</i> , 2016, 55, 1717-1727.	1.8	29
44	Effects of Feeding Milk Replacer Ad Libitum or in Restricted Amounts for the First Five Weeks of Life on the Growth, Metabolic Adaptation, and Immune Status of Newborn Calves. <i>PLoS ONE</i> , 2016, 11, e0168974.	1.1	60
45	The RGD sequence present in IGFBP-2 is required for reduced glucose clearance after oral glucose administration in female transgenic mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E409-E417.	1.8	16
46	Serum IGFBP4 concentration decreased in dairy heifers towards day 18 of pregnancy. <i>Journal of Veterinary Science</i> , 2015, 16, 413.	0.5	14
47	Dynamics of Fat Mass in DUhTP Mice Selected for Running Performance - Fat Mobilization in a Walk. <i>Obesity Facts</i> , 2015, 8, 373-385.	1.6	8
48	Antepartal insulin-like growth factor 1 and insulin-like growth factor binding protein 2 concentrations are indicative of ketosis in dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 3100-3109.	1.4	17
49	Physiology and pathophysiology of IGFBP-1 and IGFBP-2 – Consensus and dissent on metabolic control and malignant potential. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2015, 29, 685-700.	2.2	46
50	Gender-specific effects on food intake but no inhibition of age-related fat accretion in transgenic mice overexpressing human IGFBP-2 lacking the Cardin-Weintraub sequence motif. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 143-150.	1.8	4
51	Dysregulated IGFBP5 expression causes axon degeneration and motoneuron loss in diabetic neuropathy. <i>Acta Neuropathologica</i> , 2015, 130, 373-387.	3.9	27
52	Bioanalytical validation for simultaneous quantification of non-aromatic steroids in follicular fluid from cattle via ESI-LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1007, 132-139.	1.2	11
53	Locus Characterization and Gene Expression of Bovine FNDC5: Is the Myokine Irisin Relevant in Cattle?. <i>PLoS ONE</i> , 2014, 9, e88060.	1.1	35
54	Control of IGFBP-2 Expression by Steroids and Peptide Hormones in Vertebrates. <i>Frontiers in Endocrinology</i> , 2014, 5, 43.	1.5	12

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55	Irisin Is Elevated in Skeletal Muscle and Serum of Mice Immediately after Acute Exercise. <i>International Journal of Biological Sciences</i> , 2014, 10, 338-349.	2.6	94
56	Effects of parturition and feed restriction on concentrations and distribution of the insulin-like growth factor-binding proteins in plasma and cerebrospinal fluid of dairy cows. <i>Journal of Dairy Science</i> , 2014, 97, 2876-2885.	1.4	16
57	Polyethylene glycol-coupled IGF1 delays motor function defects in a mouse model of spinal muscular atrophy with respiratory distress type 1. <i>Brain</i> , 2014, 137, 1374-1393.	3.7	30
58	High-fertility phenotypes: two outbred mouse models exhibit substantially different molecular and physiological strategies warranting improved fertility. <i>Reproduction</i> , 2014, 147, 427-433.	1.1	21
59	Validation of serum IGF-I as a biomarker to monitor exogenous growth hormone agonist and antagonist bioactivity in rabbits. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1263-73.	1.2	15
60	Initial characterization of an outbred mouse model for male factor (in)fertility. <i>Andrology</i> , 2013, 1, 772-778.	1.9	16
61	Dual control of mitochondrial biogenesis by sirtuin 1 and sirtuin 3. <i>Mitochondrion</i> , 2013, 13, 755-761.	1.6	203
62	Hepatic mRNA expression of acid labile subunit and deiodinase 1 differs between cows selected for high versus low concentrations of insulin-like growth factor 1 in late pregnancy. <i>Journal of Dairy Science</i> , 2013, 96, 3737-3749.	1.4	18
63	Insulinotropic treatments exacerbate metabolic syndrome in mice lacking MeCP2 function. <i>Human Molecular Genetics</i> , 2013, 22, 2626-2633.	1.4	55
64	In Silico Approaches and the Role of Ontologies in Aging Research. <i>Rejuvenation Research</i> , 2013, 16, 540-546.	0.9	2
65	Metabolic Adaptations in the Liver of Born Long-Distance Running Mice. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 841-850.	0.2	20
66	Lifelong Obesity in a Polygenic Mouse Model Prevents Age- and Diet-Induced Glucose Intolerance—Obesity Is No Road to Late-Onset Diabetes in Mice. <i>PLoS ONE</i> , 2013, 8, e79788.	1.1	10
67	Functional improvement in mouse models of familial amyotrophic lateral sclerosis by PEGylated insulin-like growth factor I treatment depends on disease severity. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2012, 13, 418-429.	2.3	24
68	Molecular, Physiological, and Motor Performance Defects in DMSXL Mice Carrying >1,000 CTG Repeats from the Human DM1 Locus. <i>PLoS Genetics</i> , 2012, 8, e1003043.	1.5	95
69	Therapeutic potential of PEGylated insulin-like growth factor I for skeletal muscle disease evaluated in two murine models of muscular dystrophy. <i>Growth Hormone and IGF Research</i> , 2012, 22, 69-75.	0.5	20
70	Extrinsic and intrinsic regulation of DOR/TP53INP2 expression in mice: effects of dietary fat content, tissue type and sex in adipose and muscle tissues. <i>Nutrition and Metabolism</i> , 2012, 9, 86.	1.3	6
71	Phenotype Selection Reveals Coevolution of Muscle Glycogen and Protein and PTEN as a Gate Keeper for the Accretion of Muscle Mass in Adult Female Mice. <i>PLoS ONE</i> , 2012, 7, e39711.	1.1	9
72	Separation of Fast from Slow Anabolism by Site-specific PEGylation of Insulin-like Growth Factor I (IGF-I). <i>Journal of Biological Chemistry</i> , 2011, 286, 19501-19510.	1.6	40

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73	Serum IGF-I Is Not a Reliable Pharmacodynamic Marker of Exogenous Growth Hormone Activity in Mice. <i>Endocrinology</i> , 2011, 152, 4764-4776.	1.4	22
74	Lack of Dietary Carbohydrates Induces Hepatic Growth Hormone (GH) Resistance in Rats. <i>Endocrinology</i> , 2011, 152, 1948-1960.	1.4	35
75	Short-term exposure to low-carbohydrate, high-fat diets induces low bone mineral density and reduces bone formation in rats. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 275-284.	3.1	73
76	Insulin Glargine and NPH Insulin Increase to a Similar Degree Epithelial Cell Proliferation and Aberrant Crypt Foci Formation in Colons of Diabetic Mice. <i>Hormones and Cancer</i> , 2010, 1, 320-330.	4.9	21
77	Increased fat mass, decreased myofiber size, and a shift to glycolytic muscle metabolism in adolescent male transgenic mice overexpressing IGFBP-2. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E287-E298.	1.8	35
78	A microsphere-based duplex competitive immunoassay for the simultaneous measurements of aldosterone and testosterone in small sample volumes: Validation in human and mouse plasma. <i>Steroids</i> , 2010, 75, 1089-1096.	0.8	20
79	Decreased p44/42 Mitogen-Activated Protein Kinase Phosphorylation in Gender- or Hormone-Related But Not during Age-Related Adrenal Gland Growth in Mice. <i>Endocrinology</i> , 2009, 150, 1269-1277.	1.4	6
80	Chronic Growth Hormone Excess Is Associated with Increased Aldosterone: A Study in Patients with Acromegaly and in Growth Hormone Transgenic Mice. <i>Experimental Biology and Medicine</i> , 2009, 234, 1002-1009.	1.1	27
81	Mechanisms of adrenal gland growth: signal integration by extracellular signal regulated kinases1/2. <i>Journal of Molecular Endocrinology</i> , 2009, 42, 191-203.	1.1	24
82	IGFBP2 overexpression reduces the appearance of dysplastic aberrant crypt foci and inhibits growth of adenomas in chemically induced colorectal carcinogenesis. <i>International Journal of Cancer</i> , 2009, 124, 2220-2225.	2.3	36
83	Cortical Bone Loss in Androgen-Deficient Aged Male Rats Is Mainly Caused by Increased Endocortical Bone Remodeling. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 694-704.	3.1	50
84	Contrasting bone effects of temporary versus permanent IGFBP administration in rodents. <i>Growth Hormone and IGF Research</i> , 2008, 18, 181-187.	0.5	7
85	Defined Carboxy-Terminal Fragments of Insulin-Like Growth Factor (IGF) Binding Protein-2 Exert Similar Mitogenic Activity on Cultured Rat Growth Plate Chondrocytes as IGF-I. <i>Endocrinology</i> , 2008, 149, 4901-4911.	1.4	23
86	A highly sensitive immunofluorometric assay for the measurement of aldosterone in small sample volumes: validation in mouse serum. <i>Journal of Endocrinology</i> , 2008, 196, 215-224.	1.2	42
87	Pre-B-Cell Transcription Factor 1 and Steroidogenic Factor 1 Synergistically Regulate Adrenocortical Growth and Steroidogenesis. <i>Endocrinology</i> , 2007, 148, 693-704.	1.4	47
88	Postnatally Elevated Levels of Insulin-Like Growth Factor (IGF)-II Fail to Rescue the Dwarfism of IGF-I-Deficient Mice except Kidney Weight. <i>Endocrinology</i> , 2007, 148, 441-451.	1.4	41
89	Effects of insulin-like growth factor binding proteins in bone—a matter of cell and site. <i>Archives of Physiology and Biochemistry</i> , 2007, 113, 142-153.	1.0	18
90	Growth analysis of the mouse adrenal gland from weaning to adulthood: time- and gender-dependent alterations of cell size and number in the cortical compartment. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E139-E146.	1.8	82

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91	PAPPA2, an Enzyme That Cleaves an Insulin-Like Growth-Factor-Binding Protein, Is a Candidate Gene for a Quantitative Trait Locus Affecting Body Size in Mice. <i>Genetics</i> , 2006, 173, 1547-1553.	1.2	47
92	IGF-II transgenic mice display increased aberrant colon crypt multiplicity and tumor volume after 1,2-dimethylhydrazine treatment. <i>Journal of Carcinogenesis</i> , 2006, 5, 24.	2.5	13
93	IGF-independent effects of IGFBP-2 on the human breast cancer cell line Hs578T. <i>Journal of Molecular Endocrinology</i> , 2006, 37, 13-23.	1.1	56
94	Molekulare Mechanismen der Wachstumswirkung des IGF-Systems. , 2006, , 109-132.		0
95	Functional consequences of IGFBP excess?lessons from transgenic mice. <i>Pediatric Nephrology</i> , 2005, 20, 269-278.	0.9	16
96	Insulin-Like Growth Factor Binding Protein-2 Binding to Extracellular Matrix Plays a Critical Role in Neuroblastoma Cell Proliferation, Migration, and Invasion. <i>Endocrinology</i> , 2005, 146, 4445-4455.	1.4	115
97	Insulin-Like Growth Factor (IGF)-I Stimulates Cell Proliferation and Induces IGF Binding Protein (IGFBP)-3 and IGFBP-5 Gene Expression in Cultured Growth Plate Chondrocytes via Distinct Signaling Pathways. <i>Endocrinology</i> , 2005, 146, 3096-3104.	1.4	60
98	Role of the Insulin-like Growth Factor System in Adrenocortical Growth Control and Carcinogenesis. <i>Hormone and Metabolic Research</i> , 2004, 36, 397-405.	0.7	69
99	Insulin-like growth factor-binding protein-4 inhibits growth of the thymus in transgenic mice. <i>Journal of Molecular Endocrinology</i> , 2004, 32, 349-364.	1.1	26
100	Glucocorticoid receptor function in hepatocytes is essential to promote postnatal body growth. <i>Genes and Development</i> , 2004, 18, 492-497.	2.7	110
101	Insulin-like Growth Factor (IGF)-binding Protein-4 Inhibits Colony Formation of Colorectal Cancer Cells by IGF-independent Mechanisms. <i>Cancer Research</i> , 2004, 64, 1600-1603.	0.4	24
102	Transgenic Mice Reveal Novel Activities of Growth Hormone in Wound Repair, Angiogenesis, and Myofibroblast Differentiation. <i>Journal of Biological Chemistry</i> , 2004, 279, 26674-26684.	1.6	41
103	Growth selection in mice reveals conserved and redundant expression patterns of the insulin-like growth factor system. <i>General and Comparative Endocrinology</i> , 2004, 136, 248-259.	0.8	16
104	Peri/nuclear localization of intact insulin-like growth factor binding protein-2 and a distinct carboxyl-terminal IGFBP-2 fragment in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 705-710.	1.0	32
105	Tumor galectinology: Insights into the complex network of a family of endogenous lectins. <i>Glycoconjugate Journal</i> , 2003, 20, 227-238.	1.4	128
106	Induction of a Senescent-Like Phenotype Does Not Confer the Ability of Bovine Immortal Cells to Support the Development of Nuclear Transfer Embryos <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 69, 301-309.	1.2	79
107	IGF-binding protein-4: biochemical characteristics and functional consequences. <i>Journal of Endocrinology</i> , 2003, 178, 177-193.	1.2	93
108	Increased Activity of Catalase in Tumor Cells Overexpressing IGFBP-2. <i>Hormone and Metabolic Research</i> , 2003, 35, 816-821.	0.7	12



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109	Molecular Biological Fingerprinting of Human Lectin Expression by RT-PCR. <i>Methods in Enzymology</i> , 2003, 362, 287-297.	0.4	3
110	IGF-binding protein-5: flexible player in the IGF system and effector on its own. <i>Journal of Endocrinology</i> , 2002, 172, 423-440.	1.2	155
111	Insulin-like growth factor binding protein 2 (IGFBP-2) separates hypertrophic and hyperplastic effects of growth hormone (GH)/IGF excess on adrenocortical cells in vivo. <i>FASEB Journal</i> , 2002, 16, 1721-1731.	0.2	49
112	Mutation of the RGD sequence does not affect plasma membrane association and growth inhibitory effects of elevated IGFBP-2 in vivo. <i>FEBS Letters</i> , 2002, 523, 63-67.	1.3	29
113	Diethylnitrosamine induces long-lasting re-expression of insulin-like growth factor II during early stages of liver carcinogenesis in mice. <i>Growth Hormone and IGF Research</i> , 2002, 12, 69-79.	0.5	14
114	Body composition, bone mass and microstructural analysis in GH-transgenic mice reveals that skeletal changes are specific to bone compartment and gender. <i>Growth Hormone and IGF Research</i> , 2002, 12, 116-125.	0.5	26
115	Insulin-like growth factor-binding protein-2 (IGFBP-2) overexpression negatively regulates bone size and mass, but not density, in the absence and presence of growth hormone/IGF-I excess in transgenic mice. <i>Anatomy and Embryology</i> , 2002, 206, 139-148.	1.5	58
116	Insulin-like Growth Factor-Binding Protein-5 Inhibits Growth and Induces Differentiation of Mouse Osteosarcoma Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 435-442.	1.0	46
117	Comprehensive galectin fingerprinting in a panel of 61 human tumor cell lines by RT-PCR and its implications for diagnostic and therapeutic procedures. <i>Journal of Cancer Research and Clinical Oncology</i> , 2001, 127, 375-386.	1.2	193
118	Genome-wide search for loci controlling serum IGF binding protein levels of mice. <i>FASEB Journal</i> , 2001, 15, 978-987.	0.2	14
119	Growth Inhibition in Giant Growth Hormone Transgenic Mice by Overexpression of Insulin-Like Growth Factor-Binding Protein-2. <i>Endocrinology</i> , 2001, 142, 1889-1898.	1.4	97
120	Growth Inhibition in Giant Growth Hormone Transgenic Mice by Overexpression of Insulin-Like Growth Factor-Binding Protein-2. <i>Endocrinology</i> , 2001, 142, 1889-1898.	1.4	24
121	Insulin-like growth factor-binding protein 2 in tumorigenesis: protector or promoter?. <i>Cancer Research</i> , 2001, 61, 8601-10.	0.4	132
122	Hepatocyte growth factor in renal failure: Promise and reality. <i>Kidney International</i> , 2000, 57, 1426-1436.	2.6	86
123	Effects of IGFBP-2 overexpression in vitro and in vivo. <i>Pediatric Nephrology</i> , 2000, 14, 572-578.	0.9	40
124	Transgenic mouse models for studying the functions of insulin-like growth factor-binding proteins. <i>FASEB Journal</i> , 2000, 14, 629-640.	0.2	111
125	Gene expression of galectin-9/ecalectin, a potent eosinophil chemoattractant, and/or the insertional isoform in human colorectal carcinoma cell lines and detection of frame-shift mutations for protein sequence truncations in the second functional lectin domain.. <i>International Journal of Oncology</i> , 2000, 17, 519-24.	1.4	12
126	Interleukin-6 stimulates clonogenic growth of primary and metastatic human colon carcinoma cells. <i>Cancer Letters</i> , 2000, 151, 31-38.	3.2	140



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127	Overexpression of insulin-like growth factor-binding protein-2 results in increased tumorigenic potential in Y-1 adrenocortical tumor cells. <i>Cancer Research</i> , 2000, 60, 834-8.	0.4	59
128	Differential Autocrine Regulation of Intestine Epithelial Cell Proliferation and Differentiation by Insulin-Like Growth Factor (IGF) System Components. <i>Hormone and Metabolic Research</i> , 1999, 31, 97-102.	0.7	36
129	Overexpression of Insulin-Like Growth Factor-Binding Protein-2 in Transgenic Mice Reduces Postnatal Body Weight Gain. <i>Endocrinology</i> , 1999, 140, 5488-5496.	1.4	201
130	Insulin-like growth factors and IGF-binding proteins in bovine seminal plasma. <i>Domestic Animal Endocrinology</i> , 1999, 17, 39-51.	0.8	23
131	Differential Growth Factor Responsiveness and Receptor Expression in Primary and Metastatic Human Colorectal Carcinoma Cells. <i>Contributions To Oncology / Beitrage Zur Onkologie</i> , 1999, , 317-323.	0.1	1
132	Identification of transgenic mice by direct PCR analysis of lysates of epithelial cells obtained from the inner surface of the rectum. <i>Transgenic Research</i> , 1998, 7, 131-134.	1.3	18
133	Altered growth of mice divergently selected for body weight is associated with complex changes in the growth hormone/insulin-like growth factor system. <i>Growth Hormone and IGF Research</i> , 1998, 8, 113-123.	0.5	28
134	What is the function of IGF-II in postnatal life? Answers from transgenic mouse models. <i>Growth Hormone and IGF Research</i> , 1998, 8, 185-193.	0.5	47
135	Expression of IGF receptors on alveolar macrophages: IGF-induced changes in InsPi formation, [Ca <sup>2+</sup> ] <sub>i</sub> , and pHi. <i>Molecular and Cellular Biochemistry</i> , 1997, 177, 33-45.	1.4	4
136	Opposite regulation of IGF-I and IGF-I receptor mRNA and concomitant changes of GH receptor and IGF-II/M6P receptor mRNA in human IM-9 lymphoblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996, 1310, 317-324.	1.9	14
137	Expression of IGFBP-2, -3, and -4 mRNA during differentiation of Caco-2 colon epithelial cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1996, 271, E922-E931.	1.8	14
138	Coordinate expression of insulin-like growth factor II (IGF-II) and IGF-II/mannose-6-phosphate receptor mRNA and stable expression of IGF-I receptor mRNA during differentiation of human colon carcinoma cells (Caco-2). <i>European Journal of Endocrinology</i> , 1996, 135, 49-59.	1.9	17
139	Does the Overexpression of Pro-Insulin-Like Growth Factor-II in Transfected Human Embryonic Kidney Fibroblasts Increase the Secretion of Lysosomal Enzymes?. <i>FEBS Journal</i> , 1995, 232, 172-178.	0.2	18
140	Insulin-like growth factor (IGF)-I and -II and IGF-binding proteins-1, -2, and -3 in children and adolescents with diabetes mellitus: correlation with metabolic control and height attainment.. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995, 80, 1207-1213.	1.8	70
141	The insulin-like growth factor-II/mannose-6-phosphate receptor is present in fetal bovine tissues throughout gestation. <i>Domestic Animal Endocrinology</i> , 1995, 12, 317-324.	0.8	9
142	Perturbation of C6 glial cells by acetate leads to modulation of [125I]IGF-II binding to the IGF-II/M6P receptor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994, 1223, 179-184.	1.9	1
143	Human colon carcinoma cells (CaCo-2) synthesize IGF-II and express IGF-I receptors and IGF-II/M6P receptors. <i>Molecular and Cellular Endocrinology</i> , 1994, 101, 141-150.	1.6	19
144	Human IM-9 lymphoblasts as a model of the growth hormone-insulin-like growth factor axis: gene expression, and interactions of ligands with receptors and binding proteins. <i>Regulatory Peptides</i> , 1993, 48, 41-53.	1.9	11