John J Kopchick

List of Publications by Year
in descending order

332 papers	16,121 citations	15466 65 h-index	24915 109 g-index
340 all docs	340 docs citations	340 times ranked	12285 citing authors

#	Article	IF	Citations
1	Growth hormone alters gross anatomy and morphology of the small and large intestines in age- and sex-dependent manners. Pituitary, 2022, 25, 116-130.	1.6	7
2	Regulation of 11Î²-HSD1 by GH/IGF-1 in key metabolic tissues may contribute to metabolic disease in GH deficient patients. Growth Hormone and IGF Research, 2022, 62, 101440.	0.5	3
3	Mice with gene alterations in the GH and IGF family. Pituitary, 2022, 25, 1-51.	1.6	21
4	Association between IGFâ€1 levels ranges and allâ€cause mortality: A metaâ€analysis. Aging Cell, 2022, 21, e13540.	3.0	20
5	Growth hormone receptor contributes to the activation of STAT5 in the hypothalamus of pregnant mice. Neuroscience Letters, 2022, 770, 136402.	1.0	2
6	First use of gene therapy to treat growth hormone resistant dwarfism in a mouse model. Gene Therapy, 2022, , .	2.3	3
7	Effects of the Isolated and Combined Ablation of Growth Hormone and IGF-1 Receptors in Somatostatin Neurons. Endocrinology, 2022, 163, .	1.4	11
8	GH Action in Prostate Cancer Cells Promotes Proliferation, Limits Apoptosis, and Regulates Cancer-related Gene Expression. Endocrinology, 2022, 163, .	1.4	5
9	Safety of growth hormone replacement in survivors of cancer and intracranial and pituitary tumours: a consensus statement. European Journal of Endocrinology, 2022, 186, P35-P52.	1.9	42
10	Chasing Methuselah: adult inducible GHRKO mice. Aging, 2022, undefined, .	1.4	1
11	Growth hormone modulates Trypanosoma cruzi infection in vitro. Growth Hormone and IGF Research, 2022, 64, 101460.	0.5	3
12	Excess Growth Hormone Alters the Male Mouse Gut Microbiome in an Age-dependent Manner. Endocrinology, 2022, 163, .	1.4	4
13	Covert actions of growth hormone: fibrosis, cardiovascular diseases and cancer. Nature Reviews Endocrinology, 2022, 18, 558-573.	4.3	13
14	Ablation of Growth Hormone Receptor in GABAergic Neurons Leads to Increased Pulsatile Growth Hormone Secretion. Endocrinology, 2022, 163, .	1.4	7
15	Deletion of growth hormone receptor in hypothalamic neurons affects the adaptation capacity to aerobic exercise. Peptides, 2021, 135, 170426.	1.2	10
16	17Î±-Estradiol Modulates IGF1 and Hepatic Gene Expression in a Sex-Specific Manner. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 778-785.	1.7	20
17	Transcriptome profiling of insulin sensitive tissues from GH deficient mice following GH treatment. Pituitary, 2021, 24, 384-399.	1.6	4
18	A novel peptide antagonist of the human growth hormone receptor. Journal of Biological Chemistry, 2021, 296, 100588.	1.6	5

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19	GH deficiency and insensitivity in children and adults. Reviews in Endocrine and Metabolic Disorders, 2021, 22, 1-2.	2.6	10
20	Growth hormone receptor in dopaminergic neurones regulates stressâ€induced prolactin release in male mice. Journal of Neuroendocrinology, 2021, 33, e12957.	1.2	8
21	Ghrelin-induced Food Intake, but not GH Secretion, Requires the Expression of the GH Receptor in the Brain of Male Mice. Endocrinology, 2021, 162, .	1.4	13
22	Loss of growth hormone signaling in the mouse germline or in adulthood reduces islet mass and alters islet function with notable sex differences. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E1158-E1172.	1.8	5
23	MECHANISMS IN ENDOCRINOLOGY: Transient juvenile hypoglycemia in growth hormone receptor deficiency â€" mechanistic insights from Laron syndrome and tailored animal models. European Journal of Endocrinology, 2021, 185, R35-R47.	1.9	9
24	Effects of Growth Hormone Receptor Ablation in Corticotropin-Releasing Hormone Cells. International Journal of Molecular Sciences, 2021, 22, 9908.	1.8	9
25	Extending lifespan by modulating the growth hormone/insulin-like growth factor-1 axis: coming of age. Pituitary, 2021, 24, 438-456.	1.6	15
26	Induction of somatopause in adult mice compromises bone morphology and exacerbates bone loss during aging. Aging Cell, 2021, 20, e13505.	3.0	6
27	Growth hormone receptor gene disruption in matureâ€adult mice improves male insulin sensitivity and extends female lifespan. Aging Cell, 2021, 20, e13506.	3.0	28
28	A Consensus on the Diagnosis and Treatment of Acromegaly Comorbidities: An Update. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e937-e946.	1.8	207
29	The effects of growth hormone on adipose tissue: old observations, new mechanisms. Nature Reviews Endocrinology, 2020, 16, 135-146.	4.3	83
30	17Î±-Estradiol promotes ovarian aging in growth hormone receptor knockout mice, but not wild-type littermates. Experimental Gerontology, 2020, 129, 110769.	1.2	16
31	Tissue-specific disruption of the growth hormone receptor (GHR) in mice: An update. Growth Hormone and IGF Research, 2020, 51, 1-5.	0.5	8
32	Crosstalk between the growth hormone/insulin-like growth factor-1 axis and the gut microbiome: A new frontier for microbial endocrinology. Growth Hormone and IGF Research, 2020, 53-54, 101333.	0.5	25
33	Cholinergic neurons in the hypothalamus and dorsal motor nucleus of the vagus are directly responsive to growth hormone. Life Sciences, 2020, 259, 118229.	2.0	11
34	Differential gene signature in adipose tissue depots of growth hormone transgenic mice. Journal of Neuroendocrinology, 2020, 32, e12893.	1.2	5
35	Effect of growth hormone on insulin signaling. Molecular and Cellular Endocrinology, 2020, 518, 111038.	1.6	32
36	Growth Hormone Upregulates Mediators of Melanoma Drug Efflux and Epithelial-to-Mesenchymal Transition In Vitro and In Vivo. Cancers, 2020, 12, 3640.	1.7	8

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37	Tyrosine Hydroxylase Neurons Regulate Growth Hormone Secretion via Short-Loop Negative Feedback. Journal of Neuroscience, 2020, 40, 4309-4322.	1.7	28
38	GHR âˆ’/âˆ’ Mice are protected from obesityâ€related white adipose tissue inflammation. Journal of Neuroendocrinology, 2020, 32, e12854.	1.2	6
39	Effects of tissue-specific GH receptor knockouts in mice. Molecular and Cellular Endocrinology, 2020, 515, 110919.	1.6	15
40	The Effects of 20-kDa Human Placental GH in Male and Female GH-deficient Mice: An Improved Human GH?. Endocrinology, 2020, 161, .	1.4	9
41	Growth Hormone Deficiency and Excess Alter the Gut Microbiome in Adult Male Mice. Endocrinology, 2020, 161, .	1.4	22
42	The acute effects of growth hormone in adipose tissue is associated with suppression of antilipolytic signals. Physiological Reports, 2020, 8, e14373.	0.7	11
43	Growth Hormone Receptor Deletion Reduces the Density of Axonal Projections from Hypothalamic Arcuate Nucleus Neurons. Neuroscience, 2020, 434, 136-147.	1.1	25
44	New insights of growth hormone (GH) actions from tissue-specific GH receptor knockouts in mice. Archives of Endocrinology and Metabolism, 2020, 63, 557-567.	0.3	14
45	Growth hormone enhances the recovery of hypoglycemia <i>via</i> ventromedial hypothalamic neurons. FASEB Journal, 2019, 33, 11909-11924.	0.2	33
46	A review of renal GH/IGF1 family gene expression in chronic kidney diseases. Growth Hormone and IGF Research, 2019, 48-49, 1-4.	0.5	6
47	GH Knockout Mice Have Increased Subcutaneous Adipose Tissue With Decreased Fibrosis and Enhanced Insulin Sensitivity. Endocrinology, 2019, 160, 1743-1756.	1.4	35
48	Growth hormone/STAT5 signaling in proopiomelanocortin neurons regulates glucoprivic hyperphagia. Molecular and Cellular Endocrinology, 2019, 498, 110574.	1.6	25
49	The enigmatic role of growth hormone in age-related diseases, cognition, and longevity. GeroScience, 2019, 41, 759-774.	2.1	29
50	Central growth hormone action regulates metabolism during pregnancy. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E925-E940.	1.8	28
51	Diagnosis, Genetics, and Therapy of Short Stature in Children: A Growth Hormone Research Society International Perspective. Hormone Research in Paediatrics, 2019, 92, 1-14.	0.8	181
52	Temporal patterns of lipolytic regulators in adipose tissue after acute growth hormone exposure in human subjects: A randomized controlled crossover trial. Molecular Metabolism, 2019, 29, 65-75.	3.0	17
53	Growth Hormone Upregulates Melanocyte-Inducing Transcription Factor Expression and Activity via JAK2-STAT5 and SRC Signaling in GH Receptor-Positive Human Melanoma. Cancers, 2019, 11, 1352.	1.7	20
54	ALS blood expression profiling identifies new biomarkers, patient subgroups, and evidence for neutrophilia and hypoxia. Journal of Translational Medicine, 2019, 17, 170.	1.8	45

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55	Characterization of an intestine-specific GH receptor knockout (IntGHRKO) mouse. Growth Hormone and IGF Research, 2019, 46-47, 5-15.	0.5	20
56	Could calgranulins and advanced glycated end products potentiate acromegaly pathophysiology?. Growth Hormone and IGF Research, 2019, 46-47, 1-4.	0.5	2
57	Growth hormone regulates neuroendocrine responses to weight loss via AgRP neurons. Nature Communications, 2019, 10, 662.	5.8	68
58	Growth hormone impact on adipose tissue and aging. Current Opinion in Endocrine and Metabolic Research, 2019, 5, 45-57.	0.6	0
59	Mitochondrial Function Is Compromised in Cortical Bone Osteocytes of Long-Lived Growth Hormone Receptor Null Mice. Journal of Bone and Mineral Research, 2019, 34, 106-122.	3.1	27
60	Adipocyte-Specific GH Receptorâ€"Null (AdGHRKO) Mice Have Enhanced Insulin Sensitivity With Reduced Liver Triglycerides. Endocrinology, 2019, 160, 68-80.	1.4	40
61	Growth hormone acts along the PPARÎ³-FSP27 axis to stimulate lipolysis in human adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E34-E42.	1.8	42
62	Central growth hormone signaling is not required for the timing of puberty. Journal of Endocrinology, 2019, 243, 161-173.	1.2	24
63	The effects of growth hormone on therapy resistance in cancer. , 2019, 2, 827-846.		16
64	SAT-LB054 Growth Hormone Receptor (GHR) Antagonism Suppresses Hepatocellular Carcinoma Growth in a Syngeneic Mouse Model. Journal of the Endocrine Society, 2019, 3, .	0.1	0
65	MON-LB018 Depot-Specific Differences in Adipose Tissue Morphology with Laron Syndrome. Journal of the Endocrine Society, 2019, 3, .	0.1	0
66	MECHANISMS IN ENDOCRINOLOGY: Lessons from growth hormone receptor gene-disrupted mice: are there benefits of endocrine defects?. European Journal of Endocrinology, 2018, 178, R155-R181.	1.9	52
67	Growth Hormone Research Society perspective on biomarkers of GH action in children and adults. Endocrine Connections, 2018, 7, R126-R134.	0.8	39
68	Depot-specific and GH-dependent regulation of IGF binding protein-4, pregnancy-associated plasma protein-A, and stanniocalcin-2 in murine adipose tissue. Growth Hormone and IGF Research, 2018, 39, 54-61.	0.5	21
69	Effects of rapamycin on growth hormone receptor knockout mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1495-E1503.	3.3	40
70	Increased fibrosis: A novel means by which GH influences white adipose tissue function. Growth Hormone and IGF Research, 2018, 39, 45-53.	0.5	22
71	Relative Contributions of Myostatin and the GH/IGF-1 Axis in Body Composition and Muscle Strength. Frontiers in Physiology, 2018, 9, 1418.	1.3	10
72	Growth hormone activated STAT5 is required for induction of beige fat in vivo. Growth Hormone and IGF Research, 2018, 42-43, 40-51.	0.5	22

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73	Standardizing protocols dealing with growth hormone receptor gene disruption in mice using the Cre-lox system. Growth Hormone and IGF Research, 2018, 42-43, 52-57.	0.5	7
74	Disruption of the GH receptor gene in adult mice and in insulin sensitive tissues. Growth Hormone and IGF Research, 2018, 38, 3-7.	0.5	10
75	Growth hormone controls lipolysis by regulation of FSP27 expression. Journal of Endocrinology, 2018, 239, 289-301.	1.2	31
76	Growth Hormone Discovery and Structure. Pediatric Endocrinology Reviews, 2018, 16, 2-10.	1.2	10
77	Transcriptional profiling identifies strain-specific effects of caloric restriction and opposite responses in human and mouse white adipose tissue. Aging, 2018, 10, 701-746.	1.4	9
78	Enhanced Cognition and Hypoglutamatergic Signaling in a Growth Hormone Receptor Knockout Mouse Model of Successful Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw088.	1.7	13
79	A Long-lived Mouse Lacking Both Growth Hormone and Growth Hormone Receptor: A New Animal Model for Aging Studies. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw193.	1.7	19
80	The role of transplanted visceral fat from the long-lived growth hormone receptor knockout mice on insulin signaling. GeroScience, 2017, 39, 51-59.	2.1	31
81	Insulin, IGF-1, and GH Receptors Are Altered in an Adipose Tissue Depotâ€“Specific Manner in Male Mice With Modified GH Action. Endocrinology, 2017, 158, 1406-1418.	1.4	14
82	Ablation of Hepatic Production of the Acid-Labile Subunit in Bovine-GH Transgenic Mice: Effects on Organ and Skeletal Growth. Endocrinology, 2017, 158, 2556-2571.	1.4	10
83	Spatial learning and memory in male mice with altered growth hormone action. Hormones and Behavior, 2017, 93, 18-30.	1.0	20
84	Impact of Growth Hormone on Regulation of Adipose Tissue. , 2017, 7, 819-840.		19
85	Differential effects of early-life nutrient restriction in long-lived GHR-KO and normal mice. GeroScience, 2017, 39, 347-356.	2.1	22
86	Hypothalamic-Pituitary Axis Regulates Hydrogen Sulfide Production. Cell Metabolism, 2017, 25, 1320-1333.e5.	7.2	71
87	Hypothalamic growth hormone receptor (GHR)Âcontrols hepatic glucose production in nutrient-sensing leptin receptor (LepRb) expressing neurons. Molecular Metabolism, 2017, 6, 393-405.	3.0	38
88	Growth Hormone Receptor Knockdown Sensitizes Human Melanoma Cells to Chemotherapy by Attenuating Expression of ABC Drug Efflux Pumps. Hormones and Cancer, 2017, 8, 143-156.	4.9	22
89	Growth Hormone and the Epithelial-to-Mesenchymal Transition. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3662-3673.	1.8	38
90	The impact of growth hormone on proteomic profiles: a review of mouse and adult human studies. Clinical Proteomics, 2017, 14, 24.	1.1	14

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91	Mice overexpressing growth hormone exhibit increased skeletal muscle myostatin and MuRF1 with attenuation of muscle mass. Skeletal Muscle, 2017, 7, 17.	1.9	15
92	Characterization of Growth Hormone Resistance in Experimental and Ulcerative Colitis. International Journal of Molecular Sciences, 2017, 18, 2046.	1.8	20
93	Growth Hormone (GH). , 2017, , 116-126.		0
94	Growth Hormone Resistanceâ€"Special Focus on Inflammatory Bowel Disease. International Journal of Molecular Sciences, 2017, 18, 1019.	1.8	28
95	Targeting growth hormone receptor in human melanoma cells attenuates tumor progression and epithelial mesenchymal transition via suppression of multiple oncogenic pathways. Oncotarget, 2017, 8, 21579-21598.	0.8	36
96	Diet-induced weight loss is sufficient to reduce senescent cell number in white adipose tissue of weight-cycled mice. Nutrition and Healthy Aging, 2016, 4, 95-99.	0.5	12
97	Growth Hormone Influence on the Morphology and Size of the Mouse Meibomian Gland. Journal of Ophthalmology, 2016, 2016, 1-7.	0.6	14
98	Young at Heart. Endocrinology, 2016, 157, 44-45.	1.4	2
99	Growth Hormone Research Society perspective on the development of long-acting growth hormone preparations. European Journal of Endocrinology, 2016, 174, C1-C8.	1.9	99
100	Prof. Jens Sandahl Christiansen. Pituitary, 2016, 19, 115-116.	1.6	0
101	Cardiac-Specific Disruption of GH Receptor Alters Glucose Homeostasis While Maintaining Normal Cardiac Performance in Adult Male Mice. Endocrinology, 2016, 157, 1929-1941.	1.4	20
102	Fibroblast growth factor 21, fibroblast growth factor receptor 1, and Î²-Klotho expression in bovine growth hormone transgenic and growth hormone receptor knockout mice. Growth Hormone and IGF Research, 2016, 30-31, 22-30.	0.5	15
103	Deconstructing the Growth Hormone Receptor(GHR): Physical and Metabolic Phenotypes of Tissue-Specific GHR Gene-Disrupted Mice. Progress in Molecular Biology and Translational Science, 2016, 138, 27-39.	0.9	14
104	Disruption of the GH Receptor Gene in Adult Mice Increases Maximal Lifespan in Females. Endocrinology, 2016, 157, 4502-4513.	1.4	64
105	Growth Hormone Receptor Antagonist Transgenic Mice Have Increased Subcutaneous Adipose Tissue Mass, Altered Glucose Homeostasis and No Change in White Adipose Tissue Cellular Senescence. Gerontology, 2016, 62, 163-172.	1.4	15
106	Growth Hormone Receptor Deficiency Protects against Age-Related NLRP3 Inflammasome Activation and Immune Senescence. Cell Reports, 2016, 14, 1571-1580.	2.9	77
107	The somatotropic axis and aging: Benefits of endocrine defects. Growth Hormone and IGF Research, 2016, 27, 41-45.	0.5	48
108	Developments in our understanding of the effects of growth hormone on white adipose tissue from mice: implications to the clinic. Expert Review of Endocrinology and Metabolism, 2016, 11, 197-207.	1.2	8

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109	Lessons learned from studies with the growth hormone receptor. Growth Hormone and IGF Research, 2016, 28, 21-25.	0.5	13
110	Growth Hormone. , 2016, , 325-358.e14.		0
111	Inflammatory and Glutamatergic Homeostasis Are Involved in Successful Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 281-289.	1.7	21
112	Tissue-Specific Suppression of Thyroid Hormone Signaling in Various Mouse Models of Aging. PLoS ONE, 2016, 11, e0149941.	1.1	23
113	Growth hormone, insulin-like growth factor system and carcinogenesis. Endokrynologia Polska, 2016, 67, 414-26.	0.3	17
114	Jens Sandahl Christiansen, DMSci, FRCPI (1948-2015). Pediatric Endocrinology Reviews, 2016, 13, 567.	1.2	0
115	Interventions to Slow Aging in Humans: Are We Ready?. Aging Cell, 2015, 14, 497-510.	3.0	481
116	A proteomic approach to obesity and type 2 diabetes. Journal of Cellular and Molecular Medicine, 2015, 19, 1455-1470.	1.6	32
117	Growth hormone modulates hypothalamic inflammation in longâ€lived pituitary dwarf mice. Aging Cell, 2015, 14, 1045-1054.	3.0	70
118	Serum Proteomic Changes after Randomized Prolonged Erythropoietin Treatment and/or Endurance Training: Detection of Novel Biomarkers. PLoS ONE, 2015, 10, e0117119.	1.1	6
119	Transcriptome profiling reveals divergent expression shifts in brown and white adipose tissue from long-lived GHRKO mice. Oncotarget, 2015, 6, 26702-26715.	0.8	25
120	Regulation of mTOR Activity in Snell Dwarf and GH Receptor Gene-Disrupted Mice. Endocrinology, 2015, 156, 565-575.	1.4	77
121	Male Bovine GH Transgenic Mice Have Decreased Adiposity With an Adipose Depot-Specific Increase in Immune Cell Populations. Endocrinology, 2015, 156, 1794-1803.	1.4	33
122	The Forgotten Lactogenic Activity of Growth Hormone: Important Implications for Rodent Studies. Endocrinology, 2015, 156, 1620-1622.	1.4	21
123	Living Large: What Mouse Models Reveal about Growth Hormone and Obesity. Energy Balance and Cancer, 2015, , 65-95.	0.2	4
124	GH action influences adipogenesis of mouse adipose tissue-derived mesenchymal stem cells. Journal of Endocrinology, 2015, 226, 13-23.	1.2	36
125	Do altered energy metabolism or spontaneous locomotion â€˜mediateâ€™ decelerated senescence?. Aging Cell, 2015, 14, 483-490.	3.0	1
126	Growth Hormone Inhibits Hepatic De Novo Lipogenesis in Adult Mice. Diabetes, 2015, 64, 3093-3103.	0.3	85

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127	Expression of Apoptosis-Related Genes in Liver-Specific Growth Hormone Receptor Gene-Disrupted Mice Is Sex Dependent. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 44-52.	1.7	14
128	Growth Hormone Receptor Antagonist Transgenic Mice Are Protected From Hyperinsulinemia and Glucose Intolerance Despite Obesity When Placed on a HF Diet. Endocrinology, 2015, 156, 555-564.	1.4	22
129	Gene expression of key regulators of mitochondrial biogenesis is sex dependent in mice with growth hormone receptor deletion in liver. Aging, 2015, 7, 195-204.	1.4	34
130	Removal of growth hormone receptor (GHR) in muscle of male mice replicates some of the health benefits seen in global GHRâˆ’/âˆ’ mice. Aging, 2015, 7, 500-512.	1.4	46
131	The Absence of GH Signaling Affects the Susceptibility to High-Fat Diet-Induced Hypothalamic Inflammation in Male Mice. Endocrinology, 2014, 155, 4856-4867.	1.4	19
132	Interaction of growth hormone receptor/binding protein gene disruption and caloric restriction for insulin sensitivity and attenuated aging. F1000Research, 2014, 3, 256.	0.8	2
133	Increased Metabolic Flexibility and Complexity in a Long-Lived Growth Hormone Insensitive Mouse Model. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69A, 274-281.	1.7	5
134	A Dwarf Mouse Model With Decreased GH/IGF-1 Activity That Does Not Experience Life-Span Extension: Potential Impact of Increased Adiposity, Leptin, and Insulin With Advancing Age. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69A, 131-141.	1.7	24
135	Elevated Systolic Blood Pressure in Male GH Transgenic Mice Is Age Dependent. Endocrinology, 2014, 155, 975-986.	1.4	27
136	Growth hormone signaling is necessary for lifespan extension by dietary methionine. Aging Cell, 2014, 13, 1019-1027.	3.0	47
137	Specific suppression of insulin sensitivity in <i>growth hormone receptor</i> geneâ€disrupted (<scp>GHR</scp>â€<scp>KO</scp>) mice attenuates phenotypic features of slow aging. Aging Cell, 2014, 13, 981-1000.	3.0	27
138	The slow-aging growth hormone receptor/binding protein gene-disrupted (GHR-KO) mouse is protected from aging-resultant neuromusculoskeletal frailty. Age, 2014, 36, 117-127.	3.0	21
139	Evaluation of growth hormone (GH) action in mice: Discovery of GH receptor antagonists and clinical indications. Molecular and Cellular Endocrinology, 2014, 386, 34-45.	1.6	67
140	Age-Related and Depot-Specific Changes in White Adipose Tissue of Growth Hormone Receptor-Null Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 34-43.	1.7	16
141	Proteomic analysis allows for early detection of potential markers of metabolic impairment in very young obese children. International Journal of Pediatric Endocrinology (Springer), 2014, 2014, 9.	1.6	12
142	Preservation of blood glucose homeostasis in slow-senescing somatotrophism-deficient mice subjected to intermittent fasting begun at middle or old age. Age, 2014, 36, 9651.	3.0	16
143	Liver-Specific GH Receptor Gene-Disrupted (LiGHRKO) Mice Have Decreased Endocrine IGF-I, Increased Local IGF-I, and Altered Body Size, Body Composition, and Adipokine Profiles. Endocrinology, 2014, 155, 1793-1805.	1.4	125
144	Prolonged Fasting Reduces IGF-1/PKA to Promote Hematopoietic-Stem-Cell-Based Regeneration and Reverse Immunosuppression. Cell Stem Cell, 2014, 14, 810-823.	5.2	369

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145	Growth hormone action predicts age-related white adipose tissue dysfunction and senescent cell burden in mice. Aging, 2014, 6, 575-586.	1.4	107
146	Human metastatic melanoma cell lines express high levels of growth hormone receptor and respond to GH treatment. Biochemical and Biophysical Research Communications, 2013, 441, 144-150.	1.0	31
147	Decreased Levels of Proapoptotic Factors and Increased Key Regulators of Mitochondrial Biogenesis Constitute New Potential Beneficial Features of Long-lived Growth Hormone Receptor Gene-Disrupted Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 639-651.	1.7	13
148	The GH/IGF-1 axis in ageing and longevity. Nature Reviews Endocrinology, 2013, 9, 366-376.	4.3	418
149	Adiponectin in mice with altered GH action: links to insulin sensitivity and longevity?. Journal of Endocrinology, 2013, 216, 363-374.	1.2	48
150	Reversal of experimental Laron Syndrome by xenotransplantation of microencapsulated porcine Sertoli cells. Journal of Controlled Release, 2013, 165, 75-81.	4.8	20
151	The Role of GH in Adipose Tissue: Lessons from Adipose-Specific GH Receptor Gene-Disrupted Mice. Molecular Endocrinology, 2013, 27, 524-535.	3.7	131
152	Direct and indirect effects of growth hormone receptor ablation on liver expression of xenobiotic metabolizing genes. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E942-E950.	1.8	19
153	Mouse models of growth hormone action and aging: A proteomic perspective. Proteomics, 2013, 13, 674-685.	1.3	13
154	Significance of the disulphide bonds of human growth hormone. Endokrynologia Polska, 2013, 64, 300-305.	0.3	8
155	Repression of GH signaling: One extended life to live!. Aging, 2013, 5, 723-724.	1.4	0
156	The effect of low and high plasma levels of insulin-like growth factor-1 (IGF-1) on the morphology of major organs: studies of Laron dwarf and bovine growth hormone transgenic (bGHTg) mice. Histology and Histopathology, 2013, 28, 1325-36.	0.5	12
157	Heterogeneity Among White Adipose Tissue Depots in Male C57BL/6J Mice. Obesity, 2012, 20, 101-111.	1.5	80
158	Decreased insulin sensitivity and increased oxidative damage in wasting adipose tissue depots of wild-type mice. Age, 2012, 34, 1225-1237.	3.0	12
159	Central leptin and insulin administration modulates serum cytokine- and lipoprotein-related markers. Metabolism: Clinical and Experimental, 2012, 61, 1646-1657.	1.5	11
160	Morphology of ovaries in laron dwarf mice, with low circulating plasma levels of insulin-like growth factor-1 (IGF-1), and in bovine GH-transgenic mice, with high circulating plasma levels of IGF-1. Journal of Ovarian Research, 2012, 5, 18.	1.3	21
161	Upregulation of the angiotensin-converting enzyme 2/angiotensin-(1â€"7)/Mas receptor axis in the heart and the kidney of growth hormone receptor knock-out mice. Growth Hormone and IGF Research, 2012, 22, 224-233.	0.5	16
162	Evaluation of Functional Erythropoietin Receptor Status in Skeletal Muscle In Vivo: Acute and Prolonged Studies in Healthy Human Subjects. PLoS ONE, 2012, 7, e31857.	1.1	14

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163	Age- and Sex-Associated Plasma Proteomic Changes in Growth Hormone Receptor Geneâ€"Disrupted Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67, 830-840.	1.7	13
164	Metabolic effects of intraâ€abdominal fat in GHRKO mice. Aging Cell, 2012, 11, 73-81.	3.0	97
165	Growth hormone and adipose tissue: Beyond the adipocyte. Growth Hormone and IGF Research, 2011, 21, 113-123.	0.5	73
166	Selective inner retinal dysfunction in growth hormone transgenic mice. Growth Hormone and IGF Research, 2011, 21, 219-227.	0.5	8
167	Insulin receptor substrates form high-molecular-mass complexes that modulate their availability to insulin/insulin-like growth factor-I receptor tyrosine kinases. Biochemical and Biophysical Research Communications, 2011, 404, 767-773.	1.0	27
168	Novel serum biomarkers for erythropoietin use in humans: a proteomic approach. Journal of Applied Physiology, 2011, 110, 149-156.	1.2	24
169	Postâ€transcriptional regulation of IGF1R by key microRNAs in longâ€"lived mutant mice. Aging Cell, 2011, 10, 1080-1088.	3.0	44
170	Plasma proteomic profiles of bovine growth hormone transgenic mice as they age. Transgenic Research, 2011, 20, 1305-1320.	1.3	23
171	Plasma biomarkers of mouse aging. Age, 2011, 33, 291-307.	3.0	33
172	Novel serum protein biomarkers indicative of growth hormone doping in healthy human subjects. Proteomics, 2011, 11, 3565-3571.	1.3	13
173	Proteomic changes in the heart of diet-induced pre-diabetic mice. Journal of Proteomics, 2011, 74, 716-727.	1.2	30
174	Identification of New Biomarkers of Low-Dose GH Replacement Therapy in GH-Deficient Patients. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2089-2097.	1.8	20
175	Endocrine Parameters and Phenotypes of the Growth Hormone Receptor Gene Disrupted (GHRâ^'/â^') Mouse. Endocrine Reviews, 2011, 32, 356-386.	8.9	155
176	Pharmacologic Inhibition of Ghrelin Receptor Signaling Is Insulin Sparing and Promotes Insulin Sensitivity. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 115-124.	1.3	24
177	Serum proteome changes in acromegalic patients following transsphenoidal surgery: novel biomarkers of disease activity. European Journal of Endocrinology, 2011, 164, 157-167.	1.9	26
178	Differential Effects of Growth Hormone Versus Insulin-Like Growth Factor-I on the Mouse Plasma Proteome. Endocrinology, 2011, 152, 3791-3802.	1.4	12
179	Hypothesis: Extra-hepatic acromegaly: a new paradigm?. European Journal of Endocrinology, 2011, 164, 11-16.	1.9	55
180	Metabolism and Metabolic Regulation. , 2011, , 451-463.		0

#	Article	IF	Citations
181	The Laron Mouse. , 2011, , 429-432.		0
182	Cardiac Function in GHRâ€"/â€" Mice. , 2011, , 473-479.		0
183	Growth Hormone and Translational Research: From the 'Bench' to the 'Bedside'. Endocrinology and Metabolism, 2011, 26, 285.	1.3	0
184	Sexual dimorphism in cortical bone size and strength but not density is determined by independent and time-specific actions of sex steroids and IGF-1: Evidence from pubertal mouse models. Journal of Bone and Mineral Research, 2010, 25, 617-626.	3.1	116
185	Plasma Protein Biomarkers Correlated with the Development of Diet-Induced Type 2 Diabetes in Mice. Clinical Proteomics, 2010, 6, 6-17.	1.1	14
186	Human growth hormone expressed in tobacco cells as an arabinogalactan-protein fusion glycoprotein has a prolonged serum life. Transgenic Research, 2010, 19, 849-867.	1.3	72
187	Two-Year Body Composition Analyses of Long-Lived GHR Null Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 31-40.	1.7	120
188	Local prolactin is a target to prevent expansion of basal/stem cells in prostate tumors. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15199-15204.	3.3	87
189	Daily energy balance in growth hormone receptor/binding protein (GHR â^'/â^') gene-disrupted mice is achieved through an increase in dark-phase energy efficiency. Growth Hormone and IGF Research, 2010, 20, 73-79.	0.5	17
190	Increased class A scavenger receptor and glomerular lipid precede mesangial matrix expansion in the bGH mouse model. Growth Hormone and IGF Research, 2010, 20, 326-332.	0.5	4
191	Regulation of Growth Hormone and Action (Secretagogues). , 2010, , 412-453.		1
192	The effects of diet cycling on longevity. FASEB Journal, 2010, 24, 888.5.	0.2	0
193	Differences among white adipose tissue depots in mice. FASEB Journal, 2010, 24, 659.14.	0.2	0
194	Disruption of Growth Hormone Receptor Prevents Calorie Restriction from Improving Insulin Action and Longevity. PLoS ONE, 2009, 4, e4567.	1.1	116
195	Liver-specific Deletion of the Growth Hormone Receptor Reveals Essential Role of Growth Hormone Signaling in Hepatic Lipid Metabolism. Journal of Biological Chemistry, 2009, 284, 19937-19944.	1.6	230
196	Age-Related Changes in Body Composition of Bovine Growth Hormone Transgenic Mice. Endocrinology, 2009, 150, 1353-1360.	1.4	86
197	Reduced Incidence and Delayed Occurrence of Fatal Neoplastic Diseases in Growth Hormone Receptor/Binding Protein Knockout Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 522-529.	1.7	206
198	Endocrine regulation of heat shock protein mRNA levels in long-lived dwarf mice. Mechanisms of Ageing and Development, 2009, 130, 393-400.	2.2	50

#	Article	IF	Citations
199	Growth hormone improves body composition, fasting blood glucose, glucose tolerance and liver triacylglycerol in a mouse model of diet-induced obesity and type 2 diabetes. Diabetologia, 2009, 52, 1647-1655.	2.9	69
200	The aging population â€“ Is there a role for endocrine interventions?. Growth Hormone and IGF Research, 2009, 19, 89-100.	0.5	50
201	Effect of circulating growth hormone on muscle IGF-I protein concentration in female mice with growth hormone receptor gene disruption. Growth Hormone and IGF Research, 2009, 19, 242-244.	0.5	4
202	The cardiovascular phenotype of a mouse model of acromegaly. Growth Hormone and IGF Research, 2009, 19, 413-419.	0.5	18
203	Activation of the GH/IGF-1 axis by CJC-1295, a long-acting GHRH analog, results in serum protein profile changes in normal adult subjects. Growth Hormone and IGF Research, 2009, 19, 471-477.	0.5	25
204	Perspective: Proteomic approach to detect biomarkers of human growth hormone. Growth Hormone and IGF Research, 2009, 19, 399-407.	0.5	30
205	Growth hormone action in the developing neural retina: A proteomic analysis. Proteomics, 2008, 8, 389-401.	1.3	34
206	Effects of growth hormone overexpression vs. growth hormone receptor gene disruption on mouse hindlimb muscle fiber type composition. Growth Hormone and IGF Research, 2008, 18, 479-486.	0.5	24
207	Role of the GH/IGF-1 axis in lifespan and healthspan: Lessons from animal models. Growth Hormone and IGF Research, 2008, 18, 455-471.	0.5	249
208	The Effect of Growth Hormone Receptor Deficiency on Skeletal Muscle Insulin-like Growth Factor-I Protein Expression. Medicine and Science in Sports and Exercise, 2008, 40, S470.	0.2	0
209	Growth Hormone Regulation of p85Â Expression and Phosphoinositide 3-Kinase Activity in Adipose Tissue: Mechanism for Growth Hormone-Mediated Insulin Resistance. Diabetes, 2007, 56, 1638-1646.	0.3	144
210	Nuclear Localization of Growth Hormone Receptor: Another Age of Discovery for Cytokine Action?. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, pe69.	4.1	10
211	Effects of Caloric Restriction and Growth Hormone Resistance on Insulin-Related Intermediates in the Skeletal Muscle. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2007, 62, 18-26.	1.7	44
212	Inhibition of estrogen-independent mammary carcinogenesis by disruption of growth hormone signaling. Carcinogenesis, 2007, 28, 143-150.	1.3	57
213	Primer: molecular tools used for the understanding of endocrinology. Nature Clinical Practice Endocrinology and Metabolism, 2007, 3, 355-368.	2.9	6
214	Adiposity profile in the dwarf rat: an unusually lean model of profound growth hormone deficiency. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1483-E1494.	1.8	28
215	CIDE-A gene expression is decreased in white adipose tissue of growth hormone receptor/binding protein gene disrupted mice and with high-fat feeding of normal mice. Growth Hormone and IGF Research, 2007, 17, 346-351.	0.5	18
216	Analysis of mouse skin reveals proteins that are altered in a diet-induced diabetic state: A new method for detection of type 2 diabetes. Proteomics, 2007, 7, 1140-1149.	1.3	31

#	Article	IF	Citations
217	Discovery and uses of pegvisomant: a growth hormone antagonist. Endokrynologia Polska, 2007, 58, 322-9.	0.3	2
218	A liver specific gene that is expressed in growth hormone transgenic mice and in normal female mice as a function of age. Growth Hormone and IGF Research, 2006, 16, 145-156.	0.5	7
219	Growth Hormone Antagonists: A Pharmacological Tool in Present and Future Therapies. , 2006, , 313-326.		0
220	Growth hormone receptor deficiency results in blunted ghrelin feeding response, obesity, and hypolipidemia in mice. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E317-E325.	1.8	92
221	Growth hormone (GH) receptor knockout mice reveal actions of GH in lung development. Proteomics, 2006, 6, 341-348.	1.3	22
222	Impact of Androgens, Growth Hormone, and IGF-I on Bone and Muscle in Male Mice During Puberty. Journal of Bone and Mineral Research, 2006, 22, 72-82.	3.1	64
223	Caloric restriction and growth hormone receptor knockout: Effects on expression of genes involved in insulin action in the heart. Experimental Gerontology, 2006, 41, 417-429.	1.2	39
224	Growth Hormone Receptor Antagonists. Neuroendocrinology, 2006, 83, 264-268.	1.2	45
225	Effect of Growth Hormone on Susceptibility to Diet-Induced Obesity. Endocrinology, 2006, 147, 2801-2808.	1.4	93
226	Local over-expression of prolactin in differentiating mouse mammary gland induces functional defects and benign lesions, but no carcinoma. Journal of Endocrinology, 2006, 190, 271-285.	1.2	32
227	Growth hormone receptor gene deficiency causes delayed insulin responsiveness in skeletal muscles without affecting compensatory islet cell overgrowth in obese mice. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E491-E498.	1.8	32
228	Effects of Growth Hormone and Insulin-Like Growth Factor I on Muscle in Mouse Models of Human Growth Disorders. Hormone Research in Paediatrics, 2006, 66, 26-34.	0.8	8
229	Growth hormone promotes skeletal muscle cell fusion independent of insulin-like growth factor 1 up-regulation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7315-7320.	3.3	125
230	Developmental aspects of adipose tissue in GH receptor and prolactin receptor gene disrupted mice: site-specific effects upon proliferation, differentiation and hormone sensitivity. Journal of Endocrinology, 2006, 191, 101-111.	1.2	48
231	Growth Without Growth Hormone Receptor: Estradiol Is a Major Growth Hormone-Independent Regulator of Hepatic IGF-I Synthesis. Journal of Bone and Mineral Research, 2005, 20, 2138-2149.	3.1	76
232	Growth hormone promotes glomerular lipid accumulation in bGH mice. Kidney International, 2005, 68, 2019-2028.	2.6	18
233	Fibroblast cell lines from young adult mice of long-lived mutant strains are resistant to multiple forms of stress. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E23-E29.	1.8	224
234	Constitutive Expression of Peroxisome Proliferator-Activated Receptor Î±-Regulated Genes in Dwarf Mice. Molecular Pharmacology, 2005, 67, 681-694.	1.0	39

#	Article	IF	Citations
235	Differentially Expressed Proteins in the Pancreas of Diet-induced Diabetic Mice. Molecular and Cellular Proteomics, 2005, 4, 1311-1318.	2.5	81
236	Disruption of Growth Hormone Signaling Retards Early Stages of Prostate Carcinogenesis in the C3(1)/T Antigen Mouse. Endocrinology, 2005, 146, 5188-5196.	1.4	77
237	Pancreatic Islet-Specific Expression of an Insulin-Like Growth Factor-I Transgene Compensates Islet Cell Growth in Growth Hormone Receptor Gene-Deficient Mice. Endocrinology, 2005, 146, 2602-2609.	1.4	53
238	Phenotypical Enrichment Strategies for Microarray Data Analysis Applied in a Type II Diabetes Study. OMICS A Journal of Integrative Biology, 2005, 9, 251-265.	1.0	11
239	Prolactin and growth hormone regulate adiponectin secretion and receptor expression in adipose tissue. Biochemical and Biophysical Research Communications, 2005, 331, 1120-1126.	1.0	162
240	Growth Hormone Receptor Antagonists. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1503-1511.	1.8	76
241	Growth Hormone and Epidermal Growth Factor in Salivary Glands of Giant and Dwarf Transgenic Mice. Journal of Histochemistry and Cytochemistry, 2004, 52, 1191-1197.	1.3	11
242	Disruption of growth hormone receptor gene causes diminished pancreatic islet size and increased insulin sensitivity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E405-E413.	1.8	195
243	Muscle mechano growth factor is preferentially induced by growth hormone in growth hormone-deficientlit/litmice. Journal of Physiology, 2004, 560, 341-349.	1.3	38
244	Comparing adiposity profiles in three mouse models with altered GH signaling. Growth Hormone and IGF Research, 2004, 14, 309-318.	0.5	244
245	Lack of contribution of 11Î²HSD1 and glucocorticoid action to reduced muscle mass associated with reduced growth hormone action. Growth Hormone and IGF Research, 2004, 14, 462-466.	0.5	7
246	Inhibition of growth hormone action improves insulin sensitivity in liver IGF-1â€"deficient mice. Journal of Clinical Investigation, 2004, 113, 96-105.	3.9	131
247	Inhibition of growth hormone action improves insulin sensitivity in liver IGF-1â€"deficient mice. Journal of Clinical Investigation, 2004, 113, 96-105.	3.9	200
248	Effects of Growth Hormone and Prolactin on Adipose Tissue Development and Function. Pituitary, 2003, 6, 97-102.	1.6	68
249	History and Future of Growth Hormone Research. Hormone Research in Paediatrics, 2003, 60, 103-112.	0.8	17
250	Discovery and mechanism of action of pegvisomant. European Journal of Endocrinology, 2003, 148, S21-S25.	1.9	37
251	Deletion, But Not Antagonism, of the Mouse Growth Hormone Receptor Results in Severely Decreased Body Weights, Insulin, and Insulin-Like Growth Factor I Levels and Increased Life Span. Endocrinology, 2003, 144, 3799-3810.	1.4	474
252	Development of Pure Prolactin Receptor Antagonists. Journal of Biological Chemistry, 2003, 278, 35988-35999.	1.6	105

#	Article	IF	Citations
253	Enlargement of Interscapular Brown Adipose Tissue in Growth Hormone Antagonist Transgenic and in Growth Hormone Receptor Gene-Disrupted Dwarf Mice. Experimental Biology and Medicine, 2003, 228, 207-215.	1.1	80
254	Impact of Growth Hormone Resistance on Female Reproductive Function: New Insights from Growth Hormone Receptor Knockout Mice1. Biology of Reproduction, 2002, 67, 1115-1124.	1.2	68
255	Gene Expression Patterns in Calorically Restricted Mice: Partial Overlap with Long-Lived Mutant Mice. Molecular Endocrinology, 2002, 16, 2657-2666.	3.7	111
256	Perspective: Proteomicsâ€"See â€œSpotsâ€•Run. Endocrinology, 2002, 143, 1990-1994.	1.4	24
257	The role of prolactin and growth hormone in mammary gland development. Molecular and Cellular Endocrinology, 2002, 197, 127-131.	1.6	102
258	Identification and expression of mammalian long-chain PUFA elongation enzymes. Lipids, 2002, 37, 733-740.	0.7	181
259	Puberty is delayed in male growth hormone receptor gene-disrupted mice. Journal of Andrology, 2002, 23, 661-8.	2.0	44
260	Prolactin, Growth Hormone, and Epidermal Growth Factor Activate Stat5 in Different Compartments of Mammary Tissue and Exert Different and Overlapping Developmental Effects. Developmental Biology, 2001, 229, 163-175.	0.9	210
261	Growth Hormone Receptor/Binding Protein (GHR/BP) Knockout Mice: A 3-Year Update. Molecular Genetics and Metabolism, 2001, 73, 1-10.	0.5	23
262	Biological effects of growth hormone and its antagonist. Trends in Molecular Medicine, 2001, 7, 126-132.	3.5	40
263	Physical and Mechanical Characteristics of Tibias from Transgenic Mice Expressing Mutant Bovine Growth Hormone Genes. Experimental Biology and Medicine, 2001, 226, 133-139.	1.1	5
264	Reduced Levels of Thyroid Hormones, Insulin, and Glucose, and Lower Body Core Temperature in the Growth Hormone Receptor/Binding Protein Knockout Mouse. Experimental Biology and Medicine, 2001, 226, 552-558.	1.1	159
265	Low-Protein Diet Suppresses Serum Insulin-Like Growth Factor-1 and Decelerates the Progression of Growth Hormone-Induced Glomerulosclerosis. American Journal of Nephrology, 2001, 21, 331-339.	1.4	26
266	Expression of fungal desaturase genes in cultured mammalian cells. Molecular and Cellular Biochemistry, 2001, 219, 7-11.	1.4	21
267	The Growth Hormone (GH)-Axis of GH Receptor/Binding Protein Gene-Disrupted and Metallothionein-Human GH-Releasing Hormone Transgenic Mice: Hypothalamic Neuropeptide and Pituitary Receptor Expression in the Absence and Presence of GH Feedback*. Endocrinology, 2001, 142, 1117-1123.	1.4	42
268	Growth Hormone (GH)-induced Dimerization Inhibits Phorbol Ester-stimulated GH Receptor Proteolysis. Journal of Biological Chemistry, 2001, 276, 24565-24573.	1.6	83
269	Identification, Isolation, and Cloning of Growth Hormone (GH)-Inducible Interscapular Brown Adipose Complementary Deoxyribonucleic Acid from GH Antagonist Mice*. Endocrinology, 2001, 142, 2937-2945.	1.4	15
270	cDNA cloning and characterization of human Î"5-desaturase involved in the biosynthesis of arachidonic acid. Biochemical Journal, 2000, 347, 719-724.	1.7	65

#	Article	IF	Citations
271	Growth hormone and aging. Age, 2000, 23, 219-225.	3.0	20
272	Protection against Diabetes-Induced Nephropathy in Growth Hormone Receptor/Binding Protein Gene-Disrupted Mice1. Endocrinology, 2000, 141, 163-168.	1.4	73
273	Assessment of Growth Parameters and Life Span of GHR/BP Gene-Disrupted Mice¹. Endocrinology, 2000, 141, 2608-2613.	1.4	551
274	Growth Hormone (GH), GH Receptor, and Signal Transduction. Molecular Genetics and Metabolism, 2000, 71, 293-314.	0.5	204
275	High-Level Expression of Biologically Active Human Prolactin from Recombinant Baculovirus in Insect Cells. Protein Expression and Purification, 2000, 20, 265-273.	0.6	9
276	Evidence for Growth Hormone (GH) Autoregulation in Pituitary Somatotrophs in GH Antagonist-Transgenic Mice and GH Receptor-Deficient Mice. American Journal of Pathology, 2000, 156, 1009-1015.	1.9	61
277	Bone homeostasis in growth hormone receptorâ€“null mice is restored by IGF-I but independent of Stat5. Journal of Clinical Investigation, 2000, 106, 1095-1103.	3.9	225
278	The Human Growth Hormone Antagonist B2036 Does Not Interact with the Prolactin Receptor. Endocrinology, 1999, 140, 3853-3856.	1.4	59
279	Evidence That Insulin-Like Growth Factor I and Growth Hormone Are Required for Prostate Gland Development¹. Endocrinology, 1999, 140, 1984-1989.	1.4	106
280	Pituitary and Testicular Function in Growth Hormone Receptor Gene Knockout Mice *. Endocrinology, 1999, 140, 1082-1088.	1.4	139
281	Disulfide Linkage of Growth Hormone (GH) Receptors (GHR) Reflects GH-induced GHR Dimerization. Journal of Biological Chemistry, 1999, 274, 33072-33084.	1.6	89
282	Transgenic animals and nutrition research. Journal of Nutritional Biochemistry, 1999, 10, 682-695.	1.9	8
283	Compensatory renal growth in uninephrectomized adult mice is growth hormone dependent. Kidney International, 1999, 56, 2048-2054.	2.6	41
284	Stable Production of a Human Growth Hormone Antagonist from CHO Cells Adapted to Serum-Free Suspension Culture. Biotechnology Progress, 1999, 15, 336-346.	1.3	17
285	Effects of Growth Hormone Overexpression and Growth Hormone Resistance on Neuroendocrine and Reproductive Functions in Transgenic and Knock-Out Mice2. Proceedings of the Society for Experimental Biology and Medicine, 1999, 222, 113-123.	2.0	79
286	TRANSGENIC MODELS OF GROWTH HORMONE ACTION. Annual Review of Nutrition, 1999, 19, 437-461.	4.3	108
287	Is the Laron Mouse an Accurate Model of Laron Syndrome?. Molecular Genetics and Metabolism, 1999, 68, 232-236.	0.5	53
288	Consequences of Overexpression of Growth Hormone in Transgenic Mice on Liver Cytochrome P450 Enzymes. Biochemical Pharmacology, 1998, 55, 1481-1487.	2.0	10

#	Article	IF	Citations
289	Expression of Mutant Bovine Growth Hormone Genes in Mice Perturbs Age-Related Nutrient Utilization Patterns. Journal of Nutrition, 1998, 128, 520-524.	1.3	10
290	Liver and Kidney Growth Hormone (GH) Receptors Are Regulated Differently in Diabetic GH and GH Antagonist Transgenic Mice*. Endocrinology, 1997, 138, 1988-1994.	1.4	29
291	Co-Expression of Bovine Growth Hormone (GH) and Human GH Antagonist Genes in Transgenic Mice. Endocrinology, 1997, 138, 851-854.	1.4	26
292	Essential Role of Growth Hormone in Ischemia-Induced Retinal Neovascularization. Science, 1997, 276, 1706-1709.	6.0	392
293	Expression and Characterization of Phosphorylated Recombinant Human Î²-Casein inEscherichia coli. Protein Expression and Purification, 1997, 10, 202-208.	0.6	9
294	Production, characterization and functional activities of v-Ski in cultured cells. Gene, 1997, 202, 15-21.	1.0	10
295	Differential in vivo activities of bovine growth hormone analogues. Transgenic Research, 1997, 7, 61-71.	1.3	5
296	Elevation of internal 6-methyladenine mRNA methyltransferase activity after cellular transformation. Cancer Letters, 1996, 103, 107-113.	3.2	18
297	Structural comparison of a portion of the rat and mouse growth hormone receptor/binding protein genes. Gene, 1996, 177, 257-259.	1.0	11
298	Growth Hormone (GH) and a GH Antagonist Promote GH Receptor Dimerization and Internalization. Journal of Biological Chemistry, 1996, 271, 6708-6712.	1.6	84
299	Inhibition of diabetic nephropathy by a GH antagonist: A molecular analysis. Kidney International, 1996, 50, 506-514.	2.6	35
300	Growth Hormone Promotes the Association of Transcription Factor STAT5 with the Growth Hormone Receptor. Journal of Biological Chemistry, 1996, 271, 19768-19773.	1.6	53
301	Identification of Tyrosine Residues in the Intracellular Domain of the Growth Hormone Receptor Required for Transcriptional Signaling and Stat5 Activation. Journal of Biological Chemistry, 1996, 271, 12669-12673.	1.6	101
302	Purification of a pyrogen-free human growth hormone antagonist. Biotechnology and Bioengineering, 1995, 48, 520-528.	1.7	11
303	Remodeling of Mouse Milk Glycoconjugates by Transgenic Expression of a Human Glycosyltransferase. Journal of Biological Chemistry, 1995, 270, 29515-29519.	1.6	61
304	G120R, a Human Growth Hormone Antagonist, Shows Zinc-dependent Agonist and Antagonist Activity on Nb2 Cells. Journal of Biological Chemistry, 1995, 270, 9222-9226.	1.6	45
305	A 40-Amino Acid Segment of the Growth Hormone Receptor Cytoplasmic Domain Is Essential for GH-induced Tyrosine-phosphorylated Cytosolic Proteins. Journal of Biological Chemistry, 1995, 270, 6261-6266.	1.6	22
306	AP-4- and AP-5-like proteins from mouse L cells are trans-activators and bind to the GT-II region of SV40 early TRE in a mutually exclusive manner. Gene, 1995, 162, 197-203.	1.0	3

#	Article	IF	Citations
307	Growth Hormone (GH) Binding and Effects of GH Analogs in Transgenic Mice. Experimental Biology and Medicine, 1994, 206, 190-194.	1.1	13
308	Reporter genes in transgenic mice. Transgenic Research, 1994, 3, 182-194.	1.3	85
309	Phase separation of acetonitrile-water mixture in protein purification. Separation and Purification Technology, 1994, 4, 258-260.	0.7	38
310	The Use of Transgenic Mice in Nutrition Research. Journal of Nutrition, 1994, 124, 461-468.	1.3	5
311	Expression of a functional porcine growth hormone receptor cDNA in mouse L cells. Molecular and Cellular Endocrinology, 1993, 94, 89-96.	1.6	10
312	A Growth Hormone (GH) Analog that Antagonizes the Lipolytic Effect but Retains Full Insulin-Like (Antilipolytic) Activity of GH. Experimental Biology and Medicine, 1993, 203, 311-316.	1.1	16
313	A comparison of transcriptional regulatory element activities in transformed and non-transformed rat anterior pituitary cells. Molecular and Cellular Endocrinology, 1991, 75, 91-100.	1.6	9
314	Importance of SV40 early 5â€² distal sequences in directing heterologous gene expression. Gene, 1991, 106, 243-248.	1.0	2
315	Exogenous and endogenous effects of growth hormone in animals. Livestock Science, 1991, 27, 61-75.	1.2	18
316	Functional Antagonism between Endogenous Mouse Growth Hormone (GH) and a GH Analog Results in Dwarf Transgenic Mice[*]. Endocrinology, 1991, 129, 1402-1408.	1.4	148
317	Glycine 119 of Bovine Growth Hormone is Critical for Growth-Promoting Activity. Molecular Endocrinology, 1991, 5, 1845-1852.	3.7	162
318	Quantitative determination of growth hormone by immunoblotting. Analytical Biochemistry, 1990, 191, 268-271.	1.1	14
319	Expression of a cytomegalovirus-human growth hormone-releasing hormone precursor fusion gene in transfected GH3 cells. Molecular and Cellular Endocrinology, 1990, 71, 105-115.	1.6	5
320	Activation of the mouse metallothionein-I promoter in transiently transfected avian cells. Gene, 1989, 76, 75-80.	1.0	13
321	A comparison of bovine growth-hormone gene expression m mouse L cells directed by the Moloney murine-leukemia virus long terminal repeat, simian virus-40 early promoter or cytomegalovirus immediate-early promoter. Gene, 1988, 70, 51-56.	1.0	14
322	A comparison of bovine growth hormone expression directed by bGH genomic or intronless DNA in transiently transfected eukaryotic cells. Gene, 1987, 57, 47-52.	1.0	17
323	Homologous and Heterologous Growth Hormones Fail to Stimulate Avian Cartilage Growth in Vitro*. Journal of Clinical Endocrinology and Metabolism, 1985, 60, 747-750.	1.8	21
324	Use of Avian Retro viral-Bovine Growth Hormone DNA Recombinants to Direct Expression of Biologically Active Growth Hormone by Cultured Fibroblasts. DNA and Cell Biology, 1985, 4, 23-31.	5.1	26

#	Article	IF	Citations
325	Growth hormone gene expression in eukaryotic cells directed by the Rous sarcoma virus long terminal repeat or cytomegalovirus immediate-early promoter. Gene, 1985, 38, 227-232.	1.0	52
326	Cell-free synthesis of a precursor polyprotein containing both gag and pol gene products by Rauscher murine leukemia virus 35S RNA. Cell, 1978, 13, 359-369.	13.5	78
327	Co-Expression of Bovine Growth Hormone (GH) and Human GH Antagonist Genes in Transgenic Mice. , 0, .		10
328	Liver and Kidney Growth Hormone (GH) Receptors Are Regulated Differently in Diabetic GH and GH Antagonist Transgenic Mice. , 0, .		9
329	Pituitary and Testicular Function in Growth Hormone Receptor Gene Knockout Mice. , 0, .		32
330	The Growth Hormone (GH)-Axis of GH Receptor/Binding Protein Gene-Disrupted and Metallothionein-Human GH-Releasing Hormone Transgenic Mice: Hypothalamic Neuropeptide and Pituitary Receptor Expression in the Absence and Presence of GH Feedback. , 0, .		22
331	Perspective: Proteomicsâ€"See â€œSpotsâ€•Run. , 0, .		10
332	Growth hormone receptor antagonism downregulates ATP-binding cassette transporters contributing to improved drug efficacy against melanoma and hepatocarcinoma in vivo. Frontiers in Oncology, 0, 12, .	1.3	4