Andrzej Bartke

List of Publications by Year
in descending order

456 papers	21,979 citations	9756 73 h-index	15683 125 g-index
483 all docs	483 docs citations	483 times ranked	14623 citing authors

#	ARTICLE	IF	CITATIONS
1	The Endocrine Regulation of Aging by Insulin-like Signals. Science, 2003, 299, 1346-1351.	6.0	1,204
2	Dwarf mice and the ageing process. Nature, 1996, 384, 33-33.	13.7	955
3	The Critical Role of Metabolic Pathways in Aging. Diabetes, 2012, 61, 1315-1322.	0.3	647
4	Interventions to Slow Aging in Humans: Are We Ready?. Aging Cell, 2015, 14, 497-510.	3.0	481
5	Extending the lifespan of long-lived mice. Nature, 2001, 414, 412-412.	13.7	378
6	Life Extension in the Dwarf Mouse. Current Topics in Developmental Biology, 2004, 63, 189-225.	1.0	298
7	Targeted disruption of growth hormone receptor interferes with the beneficial actions of calorie restriction. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7901-7905.	3.3	292
8	Minireview: Role of the Growth Hormone/Insulin-Like Growth Factor System in Mammalian Aging. Endocrinology, 2005, 146, 3718-3723.	1.4	286
9	Delayed Occurrence of Fatal Neoplastic Diseases in Ames Dwarf Mice: Correlation to Extended Longevity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2003, 58, B291-B296.	1.7	265
10	Somatotropic Signaling: Trade-Offs Between Growth, Reproductive Development, and Longevity. Physiological Reviews, 2013, 93, 571-598.	13.1	252
11	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
12	Progressive loss of SIRT1 with cell cycle withdrawal. Aging Cell, 2006, 5, 413-422.	3.0	221
13	Long-Lived Growth Hormone Receptor Knockout Mice: Interaction of Reduced Insulin-Like Growth Factor I/Insulin Signaling and Caloric Restriction. Endocrinology, 2005, 146, 851-860.	1.4	216
14	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
15	Diet and Aging. Cell Metabolism, 2008, 8, 99-104.	7.2	201
16	Delayed and Accelerated Aging Share Common Longevity Assurance Mechanisms. PLoS Genetics, 2008, 4, e1000161.	1.5	178
17	Human placental growth hormone causes severe insulin resistance in transgenic mice. American Journal of Obstetrics and Gynecology, 2002, 186, 512-517.	0.7	175
18	Can Growth Hormone (GH) Accelerate Aging? Evidence from GH-Transgenic Mice. Neuroendocrinology, 2003, 78, 210-216.	1.2	170

#	Article	IF	Citations
19	Histology of the anterior hypophysis, thyroid and gonads of two types of dwarf mice. The Anatomical Record, 1964, 149, 225-235.	2.3	168
20	The key role of growth hormoneâ€“insulinâ€“IGF-1 signaling in aging and cancer. Critical Reviews in Oncology/Hematology, 2013, 87, 201-223.	2.0	168
21	Duration of Rapamycin Treatment Has Differential Effects on Metabolism in Mice. Cell Metabolism, 2013, 17, 456-462.	7.2	165
22	The Ames Dwarf Gene Is Required for Pit-1 Gene Activation. Developmental Biology, 1995, 172, 495-503.	0.9	160
23	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
24	Insulin-like growth factor 1 (IGF-1) and aging: controversies and new insights. Biogerontology, 2003, 4, 1-8.	2.0	153
25	Time to Talk SENS: Critiquing the Immutability of Human Aging. Annals of the New York Academy of Sciences, 2002, 959, 452-462.	1.8	152
26	Proteins induced by telomere dysfunction and DNA damage represent biomarkers of human aging and disease. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11299-11304.	3.3	151
27	Genes That Prolong Life: Relationships of Growth Hormone and Growth to Aging and Life Span. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2001, 56, B340-B349.	1.7	146
28	Local expression of GH and IGF-1 in the hippocampus of GH-deficient long-lived mice. Neurobiology of Aging, 2005, 26, 929-937.	1.5	145
29	Effect of ethyl alcohol on plasma testosterone level in mice. Steroids, 1974, 23, 921-928.	0.8	144
30	Morphometric Studies on Hamster Testes in Gonadally Active and Inactive States: Light Microscope Findings1. Biology of Reproduction, 1988, 39, 1225-1237.	1.2	144
31	The Consequences of Altered Somatotropic System on Reproduction1. Biology of Reproduction, 2004, 71, 17-27.	1.2	141
32	Pituitary and Testicular Function in Growth Hormone Receptor Gene Knockout Mice *. Endocrinology, 1999, 140, 1082-1088.	1.4	139
33	Endothelial function and vascular oxidative stress in long-lived GH/IGF-deficient Ames dwarf mice. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1882-H1894.	1.5	139
34	Additive regulation of hepatic gene expression by dwarfism and caloric restriction. Physiological Genomics, 2004, 17, 307-315.	1.0	136
35	Antioxidative Mechanisms and Plasma Growth Hormone Levels: Potential Relationship in the Aging Process. Endocrine, 1999, 11, 41-48.	2.2	135
36	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

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37	Evidence for Down-Regulation of Phosphoinositide 3-Kinase/Akt/Mammalian Target of Rapamycin (PI3K/Akt/mTOR)-Dependent Translation Regulatory Signaling Pathways in Ames Dwarf Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 293-300.	1.7	129
38	Ethanol, nicotine, amphetamine, and aspartame consumption and preferences in C57BL/6 and DBA/2 mice. Pharmacology Biochemistry and Behavior, 1995, 50, 619-626.	1.3	128
39	Impact of reduced insulinâ€like growth factorâ€1/insulin signaling on aging in mammals: novel findings. Aging Cell, 2008, 7, 285-290.	3.0	126
40	Insulin and aging. Cell Cycle, 2008, 7, 3338-3343.	1.3	126
41	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
42	Aging Induces an Nlrp3 Inflammasome-Dependent Expansion of Adipose B Cells That Impairs Metabolic Homeostasis. Cell Metabolism, 2019, 30, 1024-1039.e6.	7.2	125
43	Alterations in Oxygen Consumption, Respiratory Quotient, and Heat Production in Long-Lived GHRKO and Ames Dwarf Mice, and Short-Lived bGH Transgenic Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 443-451.	1.7	124
44	Early life growth hormone treatment shortens longevity and decreases cellular stress resistance in long-lived mutant mice. FASEB Journal, 2010, 24, 5073-5079.	0.2	124
45	Growth hormone-releasing hormone disruption extends lifespan and regulates response to caloric restriction in mice. ELife, 2013, 2, e01098.	2.8	119
46	Consequences of growth hormone (GH) overexpression and GH resistance. Neuropeptides, 2002, 36, 201-208.	0.9	116
47	Disruption of Growth Hormone Receptor Prevents Calorie Restriction from Improving Insulin Action and Longevity. PLoS ONE, 2009, 4, e4567.	1.1	116
48	Sex Differences in Longevity and in Responses to Anti-Aging Interventions: A Mini-Review. Gerontology, 2016, 62, 40-46.	1.4	114
49	Gene Expression Patterns in Calorically Restricted Mice: Partial Overlap with Long-Lived Mutant Mice. Molecular Endocrinology, 2002, 16, 2657-2666.	3.7	111
50	What evidence is there for the existence of individual genes with antagonistic pleiotropic effects?. Mechanisms of Ageing and Development, 2005, 126, 421-429.	2.2	109
51	Growth Hormone Deficiency: Health and Longevity. Endocrine Reviews, 2019, 40, 575-601.	8.9	108
52	Growth hormone action predicts age-related white adipose tissue dysfunction and senescent cell burden in mice. Aging, 2014, 6, 575-586.	1.4	107
53	The response of two types of dwarf mice to growth hormone, thyrotropin, and thyroxine. General and Comparative Endocrinology, 1965, 5, 418-426.	0.8	100
54	Alterations in Neuroendocrine Function During Photoperiod Induced Testicular Atrophy and Recrudescence in the Golden Hamster1. Biology of Reproduction, 1982, 26, 437-444.	1.2	98

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55	Induction of Endogenous Insulin-Like Growth Factor-I Secretion Alters the Hypothalamic-Pituitary-Testicular Function in Growth Hormone-Deficient Adult Dwarf Mice1. Biology of Reproduction, 1993, 48, 544-551.	1.2	98
56	Effects of growth hormone on hypothalamic catalase and Cu/Zn superoxide dismutase1. Free Radical Biology and Medicine, 2000, 28, 970-978.	1.3	98
57	Increased Neurogenesis in Dentate Gyrus of Long-Lived Ames Dwarf Mice. Endocrinology, 2005, 146, 1138-1144.	1.4	97
58	Metabolic effects of intraâ€abdominal fat in GHRKO mice. Aging Cell, 2012, 11, 73-81.	3.0	97
59	MicroRNA regulation in Ames dwarf mouse liver may contribute to delayed aging. Aging Cell, 2010, 9, 1-18.	3.0	95
60	Adipocytokines and Lipid Levels in Ames Dwarf and Calorie-Restricted Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 323-331.	1.7	94
61	Single-gene mutations and healthy ageing in mammals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 28-34.	1.8	94
62	Fertility of Transgenic Female Mice Expressing Bovine Growth Hormone or Human Growth Hormone Variant Genes1. Biology of Reproduction, 1991, 45, 178-187.	1.2	88
63	Delayed Aging in Ames Dwarf Mice. Relationships to Endocrine Function and Body Size. Results and Problems in Cell Differentiation, 2000, 29, 181-202.	0.2	88
64	Growth Hormone and Aging: Updated Review. World Journal of Men?s Health, 2019, 37, 19.	1.7	87
65	Neuroendocrine and Reproductive Consequences of Overexpression of Growth Hormone in Transgenic Mice. Experimental Biology and Medicine, 1994, 206, 345-359.	1.1	86
66	Long-lived Klotho mice: new insights into the roles of IGF-1 and insulin in aging. Trends in Endocrinology and Metabolism, 2006, 17, 33-35.	3.1	86
67	Insulin Sensitivity as a Key Mediator of Growth Hormone Actions on Longevity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 516-521.	1.7	86
68	Adipocytokines and the Regulation of Lipid Metabolism in Growth Hormone Transgenic and Calorie-Restricted Mice. Endocrinology, 2007, 148, 2845-2853.	1.4	84
69	Activation of genes involved in xenobiotic metabolism is a shared signature of mouse models with extended lifespan. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E488-E495.	1.8	82
70	GH and IGF1: Roles in Energy Metabolism of Long-Living GH Mutant Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67A, 652-660.	1.7	82
71	Assessment of the Primary Adrenal Cortical and Pancreatic Hormone Basal Levels in Relation to Plasma Glucose and Age in the Unstressed Ames Dwarf Mouse. Experimental Biology and Medicine, 1995, 210, 126-133.	1.1	79
72	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

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73	Growth hormone and aging: A challenging controversy. Clinical Interventions in Aging, 2008, Volume 3, 659-665.	1.3	77
74	Growth Hormone Receptor Deficiency Protects against Age-Related NLRP3 Inflammasome Activation and Immune Senescence. Cell Reports, 2016, 14, 1571-1580.	2.9	77
75	Amyloid Beta-Related Alterations to Glutamate Signaling Dynamics During Alzheimerâ€™s Disease Progression. ASN Neuro, 2019, 11, 175909141985554.	1.5	77
76	Stress resistance and aging: Influence of genes and nutrition. Mechanisms of Ageing and Development, 2006, 127, 687-694.	2.2	75
77	Functional Compensation by Egr4 in Egr1 -Dependent Luteinizing Hormone Regulation and Leydig Cell Steroidogenesis. Molecular and Cellular Biology, 2000, 20, 5261-5268.	1.1	73
78	Endogenous Human Growth Hormone (GH) Modulates the Effect of Gonadotropin-Releasing Hormone on Pituitary Function and the Gonadotropin Response to the Negative Feedback Effect of Testosterone in Adult Male Transgenic Mice Bearing Human GH Gene*. Endocrinology, 1988, 123, 2717-2722.	1.4	71
79	Hypothalamic-Pituitary Axis Regulates Hydrogen Sulfide Production. Cell Metabolism, 2017, 25, 1320-1333.e5.	7.2	71
80	Metabolic characteristics of long-lived mice. Frontiers in Genetics, 2012, 3, 288.	1.1	70
81	Growth hormone modulates hypothalamic inflammation in longâ€lived pituitary dwarf mice. Aging Cell, 2015, 14, 1045-1054.	3.0	70
82	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
83	Growth hormone, inflammation and aging. Pathobiology of Aging & Age Related Diseases, 2012, 2, 17293.	1.1	68
84	IGF-I regulates the age-dependent signaling peptide humanin. Aging Cell, 2014, 13, 958-961.	3.0	68
85	Effects of Î”9-tetrahydrocannabinol on copulatory behavior and neuroendocrine responses of male rats to female conspecifics. Pharmacology Biochemistry and Behavior, 1994, 48, 1011-1017.	1.3	66
86	Long-Lived Growth Hormone Receptor Knockout Mice Show a Delay in Age-Related Changes of Body Composition and Bone Characteristics. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 562-567.	1.7	66
87	Immunohistological study of the anterior pituitary gland ? pars distalis and pars intermedia ? in dwarf mice. Cell and Tissue Research, 1982, 223, 415-420.	1.5	65
88	Caloric Restriction Results in Decreased Expression of Peroxisome Proliferator-Activated Receptor Superfamily in Muscle of Normal and Long-Lived Growth Hormone Receptor/Binding Protein Knockout Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 1238-1245.	1.7	65
89	Biological Approaches to Mechanistically Understand the Healthy Life Span Extension Achieved by Calorie Restriction and Modulation of Hormones. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 187-191.	1.7	65
90	Effects of Delta-9-Tetrahydrocannabinol, Cannabinol and Cannabidiol, Alone and in Combinations, on Luteinizing Hormone and Prolactin Release and on Hypothalamic Neurotransmitters in the Male Rat. Neuroendocrinology, 1990, 52, 316-321.	1.2	64

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91	Body Composition of Prolactin-, Growth Hormone-, and Thyrotropin-Deficient Ames Dwarf Mice. Endocrine, 2003, 20, 149-154.	2.2	64
92	Neuroendocrine regulation of seasonal reproductive activity in the male golden hamster. Neuroscience and Biobehavioral Reviews, 1985, 9, 191-201.	2.9	62
93	The seasonal breeding hamster as a model to study structure-function relationships in the testis. Tissue and Cell, 1988, 20, 63-78.	1.0	62
94	Effects of caloric restriction on insulin pathway gene expression in the skeletal muscle and liver of normal and long-lived GHR-KO mice. Experimental Gerontology, 2005, 40, 679-684.	1.2	62
95	Play, copulation, anatomy, and testosterone in gonadally intact male rats prenatally exposed to flutamide. Physiology and Behavior, 2003, 79, 633-641.	1.0	61
96	Age-related cataract progression in five mouse models for anti-oxidant protection or hormonal influence. Experimental Eye Research, 2005, 81, 276-285.	1.2	60
97	Effect of Ames dwarfism and caloric restriction on spontaneous DNA mutation frequency in different mouse tissues. Mechanisms of Ageing and Development, 2008, 129, 528-533.	2.2	60
98	Healthy Aging: Is Smaller Better? Â– A Mini-Review. Gerontology, 2012, 58, 337-343.	1.4	60
99	Evidence for episodic secretion of testosterone in laboratory mice. Steroids, 1975, 26, 749-756.	0.8	59
100	Regulation of Testicular Prolactin and Luteinizing Hormone Receptors in Golden Hamsters*. Endocrinology, 1984, 114, 594-603.	1.4	58
101	Role of growth hormone and prolactin in the control of reproduction: What are we learning from transgenic and knock-out animals?1. Steroids, 1999, 64, 598-604.	0.8	58
102	Effects of Soy-derived Diets on Plasma and Liver Lipids, Glucose Tolerance, and Longevity in Normal, Long-lived and Short-lived Mice. Hormone and Metabolic Research, 2004, 36, 550-558.	0.7	58
103	The growth hormone receptor geneâ€disrupted mouse fails to respond to an intermittent fasting diet. Aging Cell, 2009, 8, 756-760.	3.0	58
104	Effects of Chronic Hyperprolactinemia in Mice on Plasma Gonadotropin Concentrations and Testicular Human Chorionic Gonadotropin Binding Sites*. Endocrinology, 1981, 108, 1763-1768.	1.4	57
105	Testosterone Plus Low-Intensity Physical Training in Late Life Improves Functional Performance, Skeletal Muscle Mitochondrial Biogenesis, and Mitochondrial Quality Control in Male Mice. PLoS ONE, 2012, 7, e51180.	1.1	55
106	Catecholamine Effects on Testicular Testosterone Production in the Gonadally Active and the Gonadally Regressed Adult Golden Hamster1. Biology of Reproduction, 1989, 40, 752-761.	1.2	54
107	Evidence That Growth Hormone Exerts a Feedback Effect on Stomach Ghrelin Production and Secretion. Experimental Biology and Medicine, 2003, 228, 1028-1032.	1.1	54
108	GH and ageing: Pitfalls and new insights. Best Practice and Research in Clinical Endocrinology and Metabolism, 2017, 31, 113-125.	2.2	54

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109	Concentration of Testosterone in Testis Fluid of the Rat1. Endocrinology, 1974, 95, 701-706.	1.4	53
110	Ovarian Follicle Apoptosis in Bovine Growth Hormone Transgenic Mice1. Biology of Reproduction, 2000, 62, 103-107.	1.2	53
111	Divergent Effects of Caloric Restriction on Gene Expression in Normal and Long-Lived Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2004, 59, B784-B788.	1.7	53
112	Suppression of Pulsatile LH Secretion, Pituitary GnRH Receptor Content and Pituitary Responsiveness to GnRH by Hyperprolactinemia in the Male Rat. Neuroendocrinology, 1987, 46, 350-359.	1.2	52
113	PPARs in Calorie Restricted and Genetically Long-Lived Mice. PPAR Research, 2007, 2007, 1-7.	1.1	52
114	Influence of photoperiod and gonadal steroids on hibernation in the European hamster. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1988, 163, 339-348.	0.7	51
115	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
116	Pleiotropic effects of growth hormone signaling in aging. Trends in Endocrinology and Metabolism, 2011, 22, 437-442.	3.1	50
117	Effect of caloric restriction and rapamycin on ovarian aging in mice. GeroScience, 2019, 41, 395-408.	2.1	50
118	Longevity is impacted by growth hormone action during early postnatal period. ELife, 2017, 6, .	2.8	50
119	Reproductive Effects of Olfactory Bulbectomy in the Syrian Hamster1. Biology of Reproduction, 1986, 35, 1202-1209.	1.2	49
120	Long-living growth hormone receptor knockout mice: Potential mechanisms of altered stress resistance. Experimental Gerontology, 2009, 44, 10-19.	1.2	48
121	The negative effect of prolonged somatotrophic/insulin signaling on an adult bone marrow-residing population of pluripotent very small embryonic-like stem cells (VSELs). Age, 2013, 35, 315-330.	3.0	48
122	Adiponectin in mice with altered GH action: links to insulin sensitivity and longevity?. Journal of Endocrinology, 2013, 216, 363-374.	1.2	48
123	The somatotropic axis and aging: Benefits of endocrine defects. Growth Hormone and IGF Research, 2016, 27, 41-45.	0.5	48
124	Metabolic Syndrome and Skin Diseases. Frontiers in Endocrinology, 2019, 10, 788.	1.5	48
125	Effects of Bovine Growth Hormone (bGH) Transgene Expression or bGH Treatment on Reproductive Functions in Female Mice1. Biology of Reproduction, 1995, 52, 1144-1148.	1.2	47
126	Growth hormone, insulin and aging: The benefits of endocrine defects. Experimental Gerontology, 2011, 46, 108-111.	1.2	47

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127	The contribution of visceral fat to improved insulin signaling in Ames dwarf mice. Aging Cell, 2014, 13, 497-506.	3.0	46
128	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
129	Effects of Estrogen-Induced Hyperprolactinemia on Endocrine and Sexual Functions in Adult Male Rats. Neuroendocrinology, 1984, 39, 126-135.	1.2	45
130	Effects of Heterologous Growth Hormones on Hypothalamic and Pituitary Function in Transgenic Mice. Neuroendocrinology, 1991, 53, 365-372.	1.2	45
131	Brown Adipose Tissue Function Is Enhanced in Long-Lived, Male Ames Dwarf Mice. Endocrinology, 2016, 157, 4744-4753.	1.4	45
132	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
133	Postâ€transcriptional regulation of IGF1R by key microRNAs in longâ€"lived mutant mice. Aging Cell, 2011, 10, 1080-1088.	3.0	44
134	Puberty is delayed in male growth hormone receptor gene-disrupted mice. Journal of Andrology, 2002, 23, 661-8.	2.0	44
135	Effects of Hyperprolactinemia on the Control of Luteinizing Hormone and Follicle-Stimulating Hormone Secretion in the Male Rat1. Biology of Reproduction, 1987, 36, 138-147.	1.2	43
136	Increased glial fibrillary acidic protein (GFAP) levels in the brains of transgenic mice expressing the bovine growth hormone (bGH) gene. Experimental Gerontology, 1995, 30, 383-400.	1.2	43
137	Dietâ€induced insulin resistance elevates hippocampal glutamate as well as <scp>VGLUT</scp>1 and <scp>GFAP</scp> expression in AÎ²<scp>PP</scp>/<scp>PS</scp>1 mice. Journal of Neurochemistry, 2019, 148, 219-237.	2.1	42
138	Male Hamster Reproductive Endocrinology. , 1985, , 73-98.		42
139	Effects of one-stage or serial transections of the lateral olfactory tracts on behavior and plasma testosterone levels in male hamsters. Brain Research, 1976, 109, 97-109.	1.1	41
140	Somatotroph and Lactotroph Changes in the Adenohypophyses of Mice with Disrupted Insulin-Like Growth Factor I Gene¹. Endocrinology, 1999, 140, 3881-3889.	1.4	41
141	Epithelial Defect in Prostates of Stat5a-Null Mice. Laboratory Investigation, 2000, 80, 993-1006.	1.7	41
142	Testicular Endocrine Function in GH Receptor Gene Disrupted Mice. Endocrinology, 2001, 142, 3443-3450.	1.4	41
143	A novel insight into aging: are there pluripotent very small embryonic-like stem cells (VSELs) in adult tissues overtime depleted in an Igf-1-dependent manner?. Aging, 2010, 2, 875-883.	1.4	41
144	FGF21 is required for protein restriction to extend lifespan and improve metabolic health in male mice. Nature Communications, 2022, 13, 1897.	5.8	41

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145	Prolactin Modulates the Gonadotropin Response to the Negative Feedback Effect of Testosterone in Immature Male Rats*. Endocrinology, 1987, 120, 758-763.	1.4	40
146	Elevated Corticosterone Levels in Transgenic Mice Expressing Human or Bovine Growth Hormone Genes. Neuroendocrinology, 1991, 53, 313-316.	1.2	40
147	Is Altered Expression of Hepatic Insulin-Related Genes in Growth Hormone Receptor Knockout Mice Due to GH Resistance or a Difference in Biological Life Spans?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 1126-1133.	1.7	40
148	Hepatocellular alterations and dysregulation of oncogenic pathways in the liver of transgenic mice overexpressing growth hormone. Cell Cycle, 2013, 12, 1042-1057.	1.3	40
149	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
150	Influence of endogenous prolactin on the luteinizing hormone stimulation of testicular steroidogenesis and the role of prolactin in adult male rats. Steroids, 1988, 51, 559-576.	0.8	39
151	HISTAMINE AFFECTS TESTICULAR STEROID PRODUCTION IN THE GOLDEN HAMSTER. Endocrinology, 1989, 125, 2212-2214.	1.4	39
152	An Immunocytochemical and Ultrastructural Study of Adenohypophyses of Mice Transgenic for Human Growth Hormone*. Endocrinology, 1990, 126, 608-615.	1.4	39
153	Inhibitory Avoidance and Appetitive Learning in Aged Normal Mice: Comparison with Transgenic Mice Having Elevated Plasma Growth Hormone Levels. Neurobiology of Learning and Memory, 1997, 68, 1-12.	1.0	39
154	Growth Hormone and Aging. Endocrine, 1998, 8, 103-108.	2.2	39
155	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
156	Role of the Testis in Regulating the Duration of Hibernation in the Turkish Hamster, Mesocricetus brandti1. Biology of Reproduction, 1982, 27, 802-810.	1.2	38
157	Catecholamines Stimulate Testicular Steroidogenesis in Vitro in the Siberian Hamster, Phodopus Sungorus1. Biology of Reproduction, 1993, 48, 883-888.	1.2	38
158	Infertility in Transgenic Mice Overexpressing the Bovine Growth Hormone Gene: Luteal Failure Secondary to Prolactin Deficiency1. Biology of Reproduction, 1995, 52, 1162-1166.	1.2	38
159	Smaller cardiac cell size and reduced extra-cellular collagen might be beneficial for hearts of Ames dwarf mice. International Journal of Biological Sciences, 2010, 6, 475-490.	2.6	38
160	Prolonged Growth Hormone/Insulin/Insulin-like Growth Factor Nutrient Response Signaling Pathway as a Silent Killer of Stem Cells and a Culprit in Aging. Stem Cell Reviews and Reports, 2017, 13, 443-453.	5.6	38
161	The Influence of Î²-Endorphin on Testicular Endocrine Function in Adult Rats1. Biology of Reproduction, 1992, 47, 1-5.	1.2	37
162	Sertoli cells in testes containing or lacking germ cells: A comparative study of paracrine effects using the W (c-kit) gene mutant mouse model. The Anatomical Record, 1994, 240, 225-232.	2.3	37

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163	Expression of Key Regulators of Mitochondrial Biogenesis in Growth Hormone Receptor Knockout (GHRKO) Mice is Enhanced but is Not Further Improved by Other Potential Life-Extending Interventions. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 1062-1076.	1.7	37
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