

Eckhard Wolf

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2600819/publications.pdf>

Version: 2024-02-01

508
papers

28,499
citations

6233

80
h-index

9553

142
g-index

534
all docs

534
docs citations

534
times ranked

29943
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of DRO1/CCDC80 in the tumor microenvironment promotes carcinogenesis. <i>Oncotarget</i> , 2022, 13, 615-627.	0.8	8
2	Transgenic pigs expressing near infrared fluorescent protein – A novel tool for noninvasive imaging of islet xenotransplants. <i>Xenotransplantation</i> , 2022, 29, e12719.	1.6	3
3	Clinical cardiac xenotransplantation first in the clinical arena. <i>Xenotransplantation</i> , 2022, 29, e12734.	1.6	0
4	Extensive identification of genes involved in congenital and structural heart disorders and cardiomyopathy. , 2022, 1, 157-173.		22
5	Early disruption of photoreceptor cell architecture and loss of vision in a humanized pig model of usher syndromes. <i>EMBO Molecular Medicine</i> , 2022, 14, e14817.	3.3	14
6	Post-synaptic scaffold protein TANC2 in psychiatric and somatic disease risk. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	1.2	3
7	Replacing Needle Injection by a Novel Waterjet Technology Grants Improved Muscle Cell Delivery in Target Tissues. <i>Cell Transplantation</i> , 2022, 31, 096368972210809.	1.2	4
8	Pig models for Duchenne muscular dystrophy – from disease mechanisms to validation of new diagnostic and therapeutic concepts. <i>Neuromuscular Disorders</i> , 2022, 32, 543-556.	0.3	10
9	OCT4/POU5F1 is indispensable for the lineage differentiation of the inner cell mass in bovine embryos. <i>FASEB Journal</i> , 2022, 36, e22337.	0.2	7
10	Migratory and anti-fibrotic programmes define the regenerative potential of human cardiac progenitors. <i>Nature Cell Biology</i> , 2022, 24, 659-671.	4.6	21
11	Mice lacking the mitochondrial exonuclease MGME1 develop inflammatory kidney disease with glomerular dysfunction. <i>PLoS Genetics</i> , 2022, 18, e1010190.	1.5	9
12	Overcoming perioperative inflammation as a hurdle for successful preclinical orthotopic cardiac xenogeneic transplantations – particular in regard of the mandatory use of heart-lung machines. <i>Xenotransplantation</i> , 2022, 29, .	1.6	1
13	Viability and Functionality of Neonatal Porcine Islet-like Cell Clusters Bioprinted in Alginate-Based Bioinks. <i>Biomedicines</i> , 2022, 10, 1420.	1.4	4
14	Butyrate enhances differentiation and maturation of neonatal porcine islets by inhibiting class I histone deacetylase. <i>Diabetologie Und Stoffwechsel</i> , 2022, , .	0.0	1
15	Growth hormone receptor knockout to reduce the size of donor pigs for preclinical xenotransplantation studies. <i>Xenotransplantation</i> , 2021, 28, e12664.	1.6	38
16	Cold non-ischemic heart preservation with continuous perfusion prevents early graft failure in orthotopic pig-to-baboon xenotransplantation. <i>Xenotransplantation</i> , 2021, 28, e12636.	1.6	32
17	Transcriptome dynamics in early in vivo developing and in vitro produced porcine embryos. <i>BMC Genomics</i> , 2021, 22, 139.	1.2	12
18	Genome editing for Duchenne muscular dystrophy: a glimpse of the future?. <i>Gene Therapy</i> , 2021, 28, 542-548.	2.3	24

#	ARTICLE	IF	CITATIONS
19	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
20	Unbiased analysis of obesity related, fat depot specific changes of adipocyte volumes and numbers using light sheet fluorescence microscopy. <i>PLoS ONE</i> , 2021, 16, e0248594.	1.1	1
21	Cas9-expressing chickens and pigs as resources for genome editing in livestock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	22
22	The hepatokine fetuin-A disrupts functional maturation of pancreatic beta cells. <i>Diabetologia</i> , 2021, 64, 1358-1374.	2.9	14
23	Mammalian VPS45 orchestrates trafficking through the endosomal system. <i>Blood</i> , 2021, 137, 1932-1944.	0.6	13
24	A New Toolbox in Experimental Embryology—Alternative Model Organisms for Studying Preimplantation Development. <i>Journal of Developmental Biology</i> , 2021, 9, 15.	0.9	3
25	Nuclear transfer and the development of genetically modified/gene edited livestock. <i>Reproduction</i> , 2021, 162, F59-F68.	1.1	4
26	Mitochondrial DNA Depletion in Granulosa Cell Derived Nuclear Transfer Tissues. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 664099.	1.8	3
27	MECHANISMS IN ENDOCRINOLOGY: Transient juvenile hypoglycemia in growth hormone receptor deficiency — mechanistic insights from Laron syndrome and tailored animal models. <i>European Journal of Endocrinology</i> , 2021, 185, R35-R47.	1.9	9
28	Hypoblast Formation in Bovine Embryos Does Not Depend on NANOG. <i>Cells</i> , 2021, 10, 2232.	1.8	9
29	Pathways to Clinical Cardiac Xenotransplantation. <i>Transplantation</i> , 2021, 105, 1930-1943.	0.5	27
30	A new method for physical disector analyses of numbers and mean volumes of immunohistochemically labeled cells in paraffin sections. <i>Journal of Neuroscience Methods</i> , 2021, 361, 109272.	1.3	4
31	Sequential in vivo labeling of insulin secretory granule pools in <i>INS</i> - <i>SNAP</i> transgenic pigs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
32	Manipulating the Epigenome in Nuclear Transfer Cloning: Where, When and How. <i>International Journal of Molecular Sciences</i> , 2021, 22, 236.	1.8	13
33	The Missing Link: Cre Pigs for Cancer Research. <i>Frontiers in Oncology</i> , 2021, 11, 755746.	1.3	3
34	Butyrate and Class I Histone Deacetylase Inhibitors Promote Differentiation of Neonatal Porcine Islet Cells into Beta Cells. <i>Cells</i> , 2021, 10, 3249.	1.8	10
35	A scalable, clinically severe pig model for Duchenne muscular dystrophy. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	20
36	Differential Effects of Insulin-Deficient Diabetes Mellitus on Visceral vs. Subcutaneous Adipose Tissue—Multi-omics Insights From the Munich MIDY Pig Model. <i>Frontiers in Medicine</i> , 2021, 8, 751277.	1.2	8

#	ARTICLE	IF	CITATIONS
37	International standards and guidelines for xenotransplantation. <i>Nature Biotechnology</i> , 2021, 39, 1501-1502.	9.4	6
38	Developmental Effects of (Pre-)Gestational Diabetes on Offspring: Systematic Screening Using Omics Approaches. <i>Genes</i> , 2021, 12, 1991.	1.0	8
39	Viable pigs after simultaneous inactivation of porcine MHC class I and three xenoreactive antigen genes GGTA1, CMAH and B4GALNT2. <i>Xenotransplantation</i> , 2020, 27, e12560.	1.6	69
40	In-depth phenotyping reveals common and novel disease symptoms in a hemizygous knock-in mouse model (Mut-ko/ki) of mut-type methylmalonic aciduria. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165622.	1.8	12
41	Genetic merit for fertility alters the bovine uterine luminal fluid proteome. <i>Biology of Reproduction</i> , 2020, 102, 730-739.	1.2	10
42	Sex-specific programming effects of parental obesity in pre-implantation embryonic development. <i>International Journal of Obesity</i> , 2020, 44, 1185-1190.	1.6	4
43	Effect of Dietary Sodium Modulation on Pig Adrenal Steroidogenesis and Transcriptome Profiles. <i>Hypertension</i> , 2020, 76, 1769-1777.	1.3	5
44	Impact of porcine cytomegalovirus on long-term orthotopic cardiac xenotransplant survival. <i>Scientific Reports</i> , 2020, 10, 17531.	1.6	60
45	Progressive Proteome Changes in the Myocardium of a Pig Model for Duchenne Muscular Dystrophy. <i>IScience</i> , 2020, 23, 101516.	1.9	18
46	PAX6 mutation alters circadian rhythm and β cell function in mice without affecting glucose tolerance. <i>Communications Biology</i> , 2020, 3, 628.	2.0	4
47	The impact of transcription inhibition during in vitro maturation on the proteome of bovine oocytes. <i>Biology of Reproduction</i> , 2020, 103, 1000-1011.	1.2	13
48	WORLDWIDE FIRST FINALIZED STUDY OF PRECLINICAL LIFE-SUPPORTING ORTHOTOPIC PIG-TO-BABOON CARDIAC XENOTRANSPLANTATION (XT): CONSTANT REPRODUCIBLE 3-MONTHS-SURVIVAL UP TO HALF A YEAR MEETS THE ISHLT GUIDELINES FOR FIRST CLINICAL TRIALS. <i>Transplantation</i> , 2020, 104, S35-S36.	0.5	0
49	Proteome profile of neutrophils from a transgenic diabetic pig model shows distinct changes. <i>Journal of Proteomics</i> , 2020, 224, 103843.	1.2	8
50	Murine tissue factor disulfide mutation causes a bleeding phenotype with sex specific organ pathology and lethality. <i>Haematologica</i> , 2020, 105, 2484-2495.	1.7	0
51	Pig-to-non-human primate heart transplantation: The final step toward clinical xenotransplantation?. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 751-757.	0.3	56
52	Physiological relevance of the neuronal isoform of inositol-1,4,5-trisphosphate 3-kinases in mice. <i>Neuroscience Letters</i> , 2020, 735, 135206.	1.0	3
53	Xeno-organ donor pigs with multiple genetic modifications "the more the better?". <i>Current Opinion in Genetics and Development</i> , 2020, 64, 60-65.	1.5	22
54	Genetically encoded Ca ²⁺ sensor reveals details of porcine endothelial cell activation upon contact with human serum. <i>Xenotransplantation</i> , 2020, 27, e12585.	1.6	3

#	ARTICLE	IF	CITATIONS
55	A comprehensive and comparative phenotypic analysis of the collaborative founder strains identifies new and known phenotypes. <i>Mammalian Genome</i> , 2020, 31, 30-48.	1.0	22
56	Cellular and Molecular Probing of Intact Human Organs. <i>Cell</i> , 2020, 180, 796-812.e19.	13.5	187
57	Porcine models for studying complications and organ crosstalk in diabetes mellitus. <i>Cell and Tissue Research</i> , 2020, 380, 341-378.	1.5	54
58	Irp2 regulates insulin production through iron-mediated Cdkal1-catalyzed tRNA modification. <i>Nature Communications</i> , 2020, 11, 296.	5.8	48
59	Integration of nano- and biotechnology for beta cell and islet transplantation in type 1 diabetes treatment. <i>Cell Proliferation</i> , 2020, 53, e12785.	2.4	18
60	Gene Regulatory and Expression Differences between Mouse and Pig Limb Buds Provide Insights into the Evolutionary Emergence of Artiodactyl Traits. <i>Cell Reports</i> , 2020, 31, 107490.	2.9	19
61	Functional changes of the liver in the absence of growth hormone (GH) action – Proteomic and metabolomic insights from a GH receptor deficient pig model. <i>Molecular Metabolism</i> , 2020, 36, 100978.	3.0	23
62	Chronic Hyperglycemia Drives Functional Impairment of Lymphocytes in Diabetic INSC94Y Transgenic Pigs. <i>Frontiers in Immunology</i> , 2020, 11, 607473.	2.2	19
63	Large Animal Models of Diabetes. <i>Methods in Molecular Biology</i> , 2020, 2128, 115-134.	0.4	7
64	Autoantibodies as diagnostic markers and potential drivers of inflammation in ulcerative colitis. <i>PLoS ONE</i> , 2020, 15, e0228615.	1.1	16
65	A decade of experience with genetically tailored pig models for diabetes and metabolic research. <i>Animal Reproduction</i> , 2020, 17, e20200064.	0.4	10
66	Use of Xenogeneic Cells. , 2020, , 367-412.		0
67	Genetically modified pigs as donors of cells, tissues, and organs for xenotransplantation. <i>Animal Frontiers</i> , 2019, 9, 13-20.	0.8	44
68	Transmission of Porcine Circovirus 3 (PCV3) by Xenotransplantation of Pig Hearts into Baboons. <i>Viruses</i> , 2019, 11, 650.	1.5	31
69	Influence of metabolic status and genetic merit for fertility on proteomic composition of bovine oviduct fluid. <i>Biology of Reproduction</i> , 2019, 101, 893-905.	1.2	11
70	Multi-omics insights into functional alterations of the liver in insulin-deficient diabetes mellitus. <i>Molecular Metabolism</i> , 2019, 26, 30-44.	3.0	26
71	Low catalytic activity is insufficient to induce disease pathology in triosephosphate isomerase deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 839-849.	1.7	13
72	Animal models of arrhythmia: classic electrophysiology to genetically modified large animals. <i>Nature Reviews Cardiology</i> , 2019, 16, 457-475.	6.1	131

#	ARTICLE	IF	CITATIONS
73	Relative effects of location relative to the corpus luteum and lactation on the transcriptome of the bovine oviduct epithelium. <i>BMC Genomics</i> , 2019, 20, 233.	1.2	19
74	Ginkgo biloba Extract EGb 761 Improves Vestibular Compensation and Modulates Cerebral Vestibular Networks in the Rat. <i>Frontiers in Neurology</i> , 2019, 10, 147.	1.1	30
75	Dosage Compensation of the X Chromosomes in Bovine Germline, Early Embryos, and Somatic Tissues. <i>Genome Biology and Evolution</i> , 2019, 11, 242-252.	1.1	7
76	Targeting Î±Gal epitopes for multi-species embryo immunosurgery. <i>Reproduction, Fertility and Development</i> , 2019, 31, 820.	0.1	0
77	Mild maternal hyperglycemia in <i>INS</i> C93S transgenic pigs causes impaired glucose tolerance and metabolic alterations in neonatal offspring. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	10
78	Cover Image, Volume 26, Issue 2. <i>Xenotransplantation</i> , 2019, 26, e12520.	1.6	0
79	Detection of collagens by multispectral optoacoustic tomography as an imaging biomarker for Duchenne muscular dystrophy. <i>Nature Medicine</i> , 2019, 25, 1905-1915.	15.2	129
80	A mouse model for intellectual disability caused by mutations in the X-linked 2â€™Oâ€™methyltransferase <i>Ftsj1</i> gene. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2083-2093.	1.8	17
81	Single-cell RNA sequencing reveals developmental heterogeneity of blastomeres during major genome activation in bovine embryos. <i>Scientific Reports</i> , 2018, 8, 4071.	1.6	28
82	Epigenetic alterations in longevity regulators, reduced life span, and exacerbated aging-related pathology in old father offspring mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2348-E2357.	3.3	102
83	OCT4/POU5F1 is required for NANOG expression in bovine blastocysts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2770-2775.	3.3	86
84	Defective immuno- and thymoproteasome assembly causes severe immunodeficiency. <i>Scientific Reports</i> , 2018, 8, 5975.	1.6	13
85	Modeling lethal X-linked genetic disorders in pigs with ensured fertility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 708-713.	3.3	27
86	Strong xenoprotective function by singleâ€™copy transgenes placed sequentially at a permissive locus. <i>Xenotransplantation</i> , 2018, 25, e12382.	1.6	16
87	Animal models of obesity and diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2018, 14, 140-162.	4.3	563
88	Identification of genetic elements in metabolism by high-throughput mouse phenotyping. <i>Nature Communications</i> , 2018, 9, 288.	5.8	59
89	Multiple genetically modified <i>GTKO</i> / <i>hCD</i> 46/ <i>HLA</i> â€™mg porcine hearts are protected from complement activation and natural killer cell infiltration during <i>ex vivo</i> perfusion with human blood. <i>Xenotransplantation</i> , 2018, 25, e12390.	1.6	24
90	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

#	ARTICLE	IF	CITATIONS
91	Release of pig leukocytes and reduced human <sc>NK</sc> cell recruitment during ex vivo perfusion of <sc>HLA</sc>â€/human <sc>CD</sc>46 doubleâ€transgenic pig limbs with human blood. Xenotransplantation, 2018, 25, e12357.	1.6	17
92	The Role of Fibroblast Growth Factor-Binding Protein 1 in Skin Carcinogenesis and Inflammation. Journal of Investigative Dermatology, 2018, 138, 179-188.	0.3	23
93	Understanding gene functions and disease mechanisms: Phenotyping pipelines in the German Mouse Clinic. Behavioural Brain Research, 2018, 352, 187-196.	1.2	31
94	Recent progress in porcine islet isolation, culture and engraftment strategies for xenotransplantation. Current Opinion in Organ Transplantation, 2018, 23, 633-641.	0.8	24
95	Study for Comparison of CD40-mAb and CD40L-Ab Costimulation Blockade after Life-Supporting Orthotopic Cardiac Xenotransplantation of Multi-Transgenic Pig Hearts into Baboons with a Worldwide First Successful Long-Term Survival. Transplantation, 2018, 102, S312.	0.5	1
96	Consistent success in life-supporting porcine cardiac xenotransplantation. Nature, 2018, 564, 430-433.	13.7	340
97	Cover Image, Volume 25, Issue 4. Xenotransplantation, 2018, 25, e12456.	1.6	0
98	Use of Xenogeneic Cells. , 2018, , 1-46.		0
99	Porcine endogenous retroviruses: Quantification of the copy number in cell lines, pig breeds, and organs. Xenotransplantation, 2018, 25, e12445.	1.6	40
100	Will Genetic Engineering Carry Xenotransplantation of Pig Islets to the Clinic?. Current Diabetes Reports, 2018, 18, 103.	1.7	44
101	Early weaning completely eliminates porcine cytomegalovirus from a newly established pig donor facility for xenotransplantation. Xenotransplantation, 2018, 25, e12449.	1.6	35
102	CD1a-Expressing Monocytes as Mediators of Inflammation in Ulcerative Colitis. Inflammatory Bowel Diseases, 2018, 24, 1225-1236.	0.9	17
103	Metabolic syndrome and extensive adipose tissue inflammation in morbidly obese GÃttingen minipigs. Molecular Metabolism, 2018, 16, 180-190.	3.0	41
104	Laboratory mouse housing conditions can be improved using common environmental enrichment without compromising data. PLoS Biology, 2018, 16, e2005019.	2.6	48
105	Streptozotocin-induced Î²-cell damage, high fat diet, and metformin administration regulate Hes3 expression in the adult mouse brain. Scientific Reports, 2018, 8, 11335.	1.6	5
106	Comparative aspects of early lineage specification events in mammalian embryos â€“ insights from reverse genetics studies. Cell Cycle, 2018, 17, 1688-1695.	1.3	15
107	Distribution of Porcine Cytomegalovirus in Infected Donor Pigs and in Baboon Recipients of Pig Heart Transplantation. Viruses, 2018, 10, 66.	1.5	27
108	A collective diabetes cross in combination with a computational framework to dissect the genetics of human obesity and Type 2 diabetes. Human Molecular Genetics, 2018, 27, 3099-3112.	1.4	21

#	ARTICLE	IF	CITATIONS
109	Dro1/Ccde80 inactivation promotes AOM/DSS-induced colorectal carcinogenesis and aggravates colitis by DSS in mice. <i>Carcinogenesis</i> , 2018, 39, 1176-1184.	1.3	11
110	Genetically Engineered Large Animals in Biomedicine. , 2018, , 169-214.		1
111	Diabetes Mellitusâ€œInduced Microvascular Destabilization in the Myocardium. <i>Journal of the American College of Cardiology</i> , 2017, 69, 131-143.	1.2	113
112	Mitochondrial Dysregulation Secondary to Endoplasmic Reticulum Stress in Autosomal Dominant Tubulointerstitial Kidney Disease â€œ UMOD (ADTKD-UMOD). <i>Scientific Reports</i> , 2017, 7, 42970.	1.6	39
113	Modification of the fatty acid composition of an obesogenic diet improves the maternal and placental metabolic environment in obese pregnant mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1605-1614.	1.8	11
114	Bezafibrate ameliorates diabetes via reduced steatosis and improved hepatic insulin sensitivity in diabetic TallyHo mice. <i>Molecular Metabolism</i> , 2017, 6, 256-266.	3.0	27
115	Vessel Network Architecture of Adult Human Islets Promotes Distinct Cell-Cell Interactions In Situ and Is Altered After Transplantation. <i>Endocrinology</i> , 2017, 158, 1373-1385.	1.4	65
116	Retinopathy with central oedema in an INS C94Y transgenic pig model of long-term diabetes. <i>Diabetologia</i> , 2017, 60, 1541-1549.	2.9	36
117	Serum Response Factor (SRF) Ablation Interferes with Acute Stress-Associated Immediate and Long-Term Coping Mechanisms. <i>Molecular Neurobiology</i> , 2017, 54, 8242-8262.	1.9	12
118	40 Days Survival after Orthotopic Cardiac Xenotransplantation of Multi-Transgenic Pig Hearts in a Pig-to-Baboon Model with CD40mAb or CD40L Costimulation Blockade and Xenograft Preservation using â€œSteensâ€œCold Blood Cardioplegia Perfusion. <i>Transplantation</i> , 2017, 101, S65.	0.5	2
119	Extensive phenotypic characterization of a new transgenic mouse reveals pleiotropic perturbations in physiology due to mesenchymal hGH minigene expression. <i>Scientific Reports</i> , 2017, 7, 2397.	1.6	2
120	Chromatin-remodeling factor SMARCD2 regulates transcriptional networks controlling differentiation of neutrophil granulocytes. <i>Nature Genetics</i> , 2017, 49, 742-752.	9.4	87
121	INS-eGFP transgenic pigs: a novel reporter system for studying maturation, growth and vascularisation of neonatal islet-like cell clusters. <i>Diabetologia</i> , 2017, 60, 1152-1156.	2.9	28
122	Direct introduction of gene constructs into the pronucleus-like structure of cloned embryos: a new strategy for the generation of genetically modified pigs. <i>Transgenic Research</i> , 2017, 26, 309-318.	1.3	6
123	Photorhabdus luminescens lectin A (PLIA): A new probe for detecting β -galactosideâ€œterminating glycoconjugates. <i>Journal of Biological Chemistry</i> , 2017, 292, 19935-19951.	1.6	9
124	Effect of metabolic status on conceptusâ€œmaternal interactions on day 19 in dairy cattle: II. Effects on the endometrial transcriptomeâ€œ. <i>Biology of Reproduction</i> , 2017, 97, 413-425.	1.2	19
125	Assessment of the Anticoagulant and Anti-inflammatory Properties of Endothelial Cells Using 3D Cell Culture and Non-anticoagulated Whole Blood. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	3
126	Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice. <i>Nature Communications</i> , 2017, 8, 155.	5.8	87

#	ARTICLE	IF	CITATIONS
127	In vitro assessment of xenogeneic complement and endothelial cell activation using a microvascular flow model. <i>Molecular Immunology</i> , 2017, 89, 209.	1.0	0
128	Reduction of myocardial ischemia reperfusion injury in pigs by (over) expression of human membrane co-factor protein. <i>Molecular Immunology</i> , 2017, 89, 129.	1.0	0
129	Meis1 effects on motor phenotypes and the sensorimotor system in mice. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 981-991.	1.2	25
130	The Munich MIDY Pig Biobank – A unique resource for studying organ crosstalk in diabetes. <i>Molecular Metabolism</i> , 2017, 6, 931-940.	3.0	39
131	Surface modification of pig endothelial cells with a branched heparin conjugate improves their compatibility with human blood. <i>Scientific Reports</i> , 2017, 7, 4450.	1.6	5
132	Loss of DRO1/CCDC80 results in obesity and promotes adipocyte differentiation. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 286-296.	1.6	23
133	Effect of lactation on conceptus-maternal interactions at the initiation of implantation in cattle: I. Effects on the conceptus transcriptome and amino acid composition of the uterine luminal fluid. <i>Biology of Reproduction</i> , 2017, 97, 798-809.	1.2	15
134	Design and validation of a disease network of inflammatory processes in the NSG-UC mouse model. <i>Journal of Translational Medicine</i> , 2017, 15, 265.	1.8	15
135	Standardized, systemic phenotypic analysis reveals kidney dysfunction as main alteration of Kctd1 l27N mutant mice. <i>Journal of Biomedical Science</i> , 2017, 24, 57.	2.6	8
136	Genetically Tailored Pig Models for Translational Biomedical Research. , 2017, , 671-701.		2
137	Developmental endothelial locus-1 modulates platelet-monocyte interactions and instant blood-mediated inflammatory reaction in islet transplantation. <i>Thrombosis and Haemostasis</i> , 2016, 115, 781-788.	1.8	35
138	Transgenic Expression of Human Thrombomodulin Inhibits HMGB1-Induced Porcine Aortic Endothelial Cell Activation. <i>Transplantation</i> , 2016, 100, 1871-1879.	0.5	18
139	Current Concepts of Using Pigs as a Source for Beta-Cell Replacement Therapy of Type 1 Diabetes. <i>Current Molecular Biology Reports</i> , 2016, 2, 73-82.	0.8	23
140	Metamizol Relieves Pain Without Interfering With Cerulein-Induced Acute Pancreatitis in Mice. <i>Pancreas</i> , 2016, 45, 572-578.	0.5	13
141	Inhibition of complement component C5 prevents clotting in an ex vivo model of xenogeneic activation of coagulation. <i>Xenotransplantation</i> , 2016, 23, 117-127.	1.6	10
142	Progress in Clinical Encapsulated Islet Xenotransplantation. <i>Transplantation</i> , 2016, 100, 2301-2308.	0.5	83
143	Characterization and validation of a mouse model for colitis ulcerosa based on NOD-scid IL2R β null mice reconstituted with peripheral blood mononuclear cells from patients.. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 985-97.	1.2	18
144	Chimeric 2C10R4 anti-CD40 antibody therapy is critical for long-term survival of GTKO.hCD46.hTBM pig-to-primate cardiac xenograft. <i>Nature Communications</i> , 2016, 7, 11138.	5.8	351

#	ARTICLE	IF	CITATIONS
145	Comparative aspects of rodent and nonrodent animal models for mechanistic and translational diabetes research. <i>Theriogenology</i> , 2016, 86, 406-421.	0.9	53
146	Growth hormone (GH)-transgenic insulin-like growth factor 1 (IGF1)-deficient mice allow dissociation of excess GH and IGF1 effects on glomerular and tubular growth. <i>Physiological Reports</i> , 2016, 4, e12709.	0.7	22
147	Activation of complement and coagulation in xenotransplantation: Effect of growth hormone receptor knockout on porcine aortic endothelial cells. <i>Immunobiology</i> , 2016, 221, 1174-1175.	0.8	0
148	Viable Ednra Y129F mice feature human mandibulofacial dysostosis with alopecia (MFDA) syndrome due to the homologue mutation. <i>Mammalian Genome</i> , 2016, 27, 587-598.	1.0	5
149	Dissociation of somatic growth, time of sexual maturity, and life expectancy by overexpression of an RGD-deficient IGFBP2 variant in female transgenic mice. <i>Aging Cell</i> , 2016, 15, 111-117.	3.0	9
150	Efficient production of multi-modified pigs for xenotransplantation by "combineering"™, gene stacking and gene editing. <i>Scientific Reports</i> , 2016, 6, 29081.	1.6	129
151	Progressive muscle proteome changes in a clinically relevant pig model of Duchenne muscular dystrophy. <i>Scientific Reports</i> , 2016, 6, 33362.	1.6	60
152	Oxalate-induced chronic kidney disease with its uremic and cardiovascular complications in C57BL/6 mice. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F785-F795.	1.3	71
153	Bezafibrate Improves Insulin Sensitivity and Metabolic Flexibility in STZ-Induced Diabetic Mice. <i>Diabetes</i> , 2016, 65, 2540-2552.	0.3	35
154	First update of the International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of porcine islet products in type 1 diabetes"Chapter 2b: genetically modified source pigs. <i>Xenotransplantation</i> , 2016, 23, 32-37.	1.6	25
155	Efavirenz Causes Oxidative Stress, Endoplasmic Reticulum Stress, and Autophagy in Endothelial Cells. <i>Cardiovascular Toxicology</i> , 2016, 16, 90-99.	1.1	43
156	Tailored Pig Models for Preclinical Efficacy and Safety Testing of Targeted Therapies. <i>Toxicologic Pathology</i> , 2016, 44, 346-357.	0.9	45
157	MFAP4 Promotes Vascular Smooth Muscle Migration, Proliferation and Accelerates Neointima Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 122-133.	1.1	72
158	Incretin actions and consequences of incretin-based therapies: lessons from complementary animal models. <i>Journal of Pathology</i> , 2016, 238, 345-358.	2.1	22
159	Exome sequencing identifies a nonsense mutation in Fam46a associated with bone abnormalities in a new mouse model for skeletal dysplasia. <i>Mammalian Genome</i> , 2016, 27, 111-121.	1.0	27
160	Tissue Sampling Guides for Porcine Biomedical Models. <i>Toxicologic Pathology</i> , 2016, 44, 414-420.	0.9	61
161	Mildly compromised tetrahydrobiopterin cofactor biosynthesis due to Pts variants leads to unusual body fat distribution and abdominal obesity in mice. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 309-319.	1.7	10
162	SWI/SNF Protein SMARCD2 Orchestrates Transcriptional Networks Controlling Hematopoiesis and Neutrophil Granulocytes in Humans, Mice and Zebrafish. <i>Blood</i> , 2016, 128, 2-2.	0.6	2

#	ARTICLE	IF	CITATIONS
163	Stage-dependent remodeling of the nuclear envelope and lamina during rabbit early embryonic development. <i>Journal of Reproduction and Development</i> , 2016, 62, 127-135.	0.5	6
164	Generation and Standardized, Systemic Phenotypic Analysis of Pou3f3L423P Mutant Mice. <i>PLoS ONE</i> , 2016, 11, e0150472.	1.1	14
165	Ubiquitous LEA29Y Expression Blocks T Cell Co-Stimulation but Permits Sexual Reproduction in Genetically Modified Pigs. <i>PLoS ONE</i> , 2016, 11, e0155676.	1.1	33
166	Missense Mutation of POU Domain Class 3 Transcription Factor 3 in Pou3f3L423P Mice Causes Reduced Nephron Number and Impaired Development of the Thick Ascending Limb of the Loop of Henle. <i>PLoS ONE</i> , 2016, 11, e0158977.	1.1	16
167	The First Scube3 Mutant Mouse Line with Pleiotropic Phenotypic Alterations. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 4035-4046.	0.8	9
168	Clinical Chemistry Reference Intervals for C57BL/6J, C57BL/6N, and C3HeB/FeJ Mice (<i>Mus musculus</i>). <i>Journal of the American Association for Laboratory Animal Science</i> , 2016, 55, 375-86.	0.6	52
169	Pillars Article: CCR7 Coordinates the Primary Immune Response by Establishing Functional Microenvironments in Secondary Lymphoid Organs. <i>Cell</i> . 1999. 99: 23-33. <i>Journal of Immunology</i> , 2016, 196, 5-15.	0.4	3
170	Pre-clinical heterotopic intrathoracic heart xenotransplantation: a possibly useful clinical technique. <i>Xenotransplantation</i> , 2015, 22, 427-442.	1.6	27
171	Glucose Tolerance Tests for Systematic Screening of Glucose Homeostasis in Mice. <i>Current Protocols in Mouse Biology</i> , 2015, 5, 65-84.	1.2	18
172	3D structured illumination microscopy of mammalian embryos and spermatozoa. <i>BMC Developmental Biology</i> , 2015, 15, 46.	2.1	4
173	Transgenic Expression of Human CD46 on Porcine Endothelium. <i>Transplantation</i> , 2015, 99, 2061-2069.	0.5	11
174	Pig-to-baboon heterotopic heart transplantation – exploratory preliminary experience with pigs transgenic for human thrombomodulin and comparison of three costimulation blockade-based regimens. <i>Xenotransplantation</i> , 2015, 22, 211-220.	1.6	95
175	Engraftment and reversal of diabetes after intramuscular transplantation of neonatal porcine islet-like clusters. <i>Xenotransplantation</i> , 2015, 22, 443-450.	1.6	22
176	Remodeling of the Nuclear Envelope and Lamina during Bovine Preimplantation Development and Its Functional Implications. <i>PLoS ONE</i> , 2015, 10, e0124619.	1.1	26
177	Genetic engineering of pigs for the creation of translational models of human pathologies. <i>Animal Frontiers</i> , 2015, 5, 50-56.	0.8	6
178	Virus safety of islet cell transplantation from transgenic pigs to marmosets. <i>Virus Research</i> , 2015, 204, 95-102.	1.1	15
179	Nuclear Transfer and Transgenesis in the Pig. <i>Methods in Molecular Biology</i> , 2015, 1222, 37-59.	0.4	51
180	Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. <i>Nature Genetics</i> , 2015, 47, 969-978.	9.4	137

#	ARTICLE	IF	CITATIONS
181	Functional compensation among HMGN variants modulates the DNase I hypersensitive sites at enhancers. <i>Genome Research</i> , 2015, 25, 1295-1308.	2.4	38
182	Screen for alterations of iron related parameters in N-ethyl-N-nitrosourea-treated mice identified mutant lines with increased plasma ferritin levels. <i>BioMetals</i> , 2015, 28, 293-306.	1.8	3
183	Viable pigs with a conditionally-activated oncogenic KRAS mutation. <i>Transgenic Research</i> , 2015, 24, 509-517.	1.3	30
184	Effects of the glucagon-like peptide-1 receptor agonist liraglutide in juvenile transgenic pigs modeling a pre-diabetic condition. <i>Journal of Translational Medicine</i> , 2015, 13, 73.	1.8	24
185	Inactivation of <i>Itf2</i> promotes intestinal tumorigenesis in <i>ApcMin/+</i> mice. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 249-253.	1.0	8
186	Expression pattern of <i>STAT5A</i> gene during early bovine embryogenesis. <i>Zygote</i> , 2015, 23, 307-311.	0.5	2
187	Dysregulated <i>IGFBP5</i> expression causes axon degeneration and motoneuron loss in diabetic neuropathy. <i>Acta Neuropathologica</i> , 2015, 130, 373-387.	3.9	27
188	Commentary on "Meta-analysis of the independent and cumulative effects of multiple genetic modifications on pig lung xenograft performance during ex vivo perfusion with human blood" (by Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 genetic modifications?. <i>Xenotransplantation</i> , 2015, 22, 112-113.	1.6	0
189	Pigs pave a way to de novo formation of functional human kidneys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12905-12906.	3.3	11
190	Xenotransplantation of Cells, Tissues, Organs and the German Research Foundation Transregio Collaborative Research Centre 127. <i>Advances in Experimental Medicine and Biology</i> , 2015, 865, 143-155.	0.8	5
191	eIF6 coordinates insulin sensitivity and lipid metabolism by coupling translation to transcription. <i>Nature Communications</i> , 2015, 6, 8261.	5.8	73
192	Phytohemagglutinin facilitates the aggregation of blastomere pairs from Day 5 donor embryos with Day 4 host embryos for chimeric bovine embryo multiplication. <i>Theriogenology</i> , 2015, 84, 1603-1610.	0.9	11
193	Uterine Responses to the Preattachment Embryo in Domestic Ungulates: Recognition of Pregnancy and Preparation for Implantation. <i>Annual Review of Animal Biosciences</i> , 2015, 3, 489-511.	3.6	36
194	Proteome analysis of early lineage specification in bovine embryos. <i>Proteomics</i> , 2015, 15, 688-701.	1.3	17
195	Metformin Supports the Antidiabetic Effect of a Sodium Glucose Cotransporter 2 Inhibitor by Suppressing Endogenous Glucose Production in Diabetic Mice. <i>Diabetes</i> , 2015, 64, 284-290.	0.3	35
196	Computed Tomography (CT) Scanning Facilitates Early Identification of Neonatal Cystic Fibrosis Piglets. <i>PLoS ONE</i> , 2015, 10, e0143459.	1.1	7
197	Abnormal Brain Iron Metabolism in <i>Irp2</i> Deficient Mice Is Associated with Mild Neurological and Behavioral Impairments. <i>PLoS ONE</i> , 2014, 9, e98072.	1.1	45
198	Pleiotropic Functions for Transcription Factor <i>Zscan10</i> . <i>PLoS ONE</i> , 2014, 9, e104568.	1.1	16

#	ARTICLE	IF	CITATIONS
199	Uromodulin Retention in Thick Ascending Limb of Henle's Loop Affects SCD1 in Neighboring Proximal Tubule: Renal Transcriptome Studies in Mouse Models of Uromodulin-Associated Kidney Disease. PLoS ONE, 2014, 9, e113125.	1.1	3
200	Reprogramming of fibroblast nuclei in cloned bovine embryos involves major structural remodeling with both striking similarities and differences to nuclear phenotypes of <i>in vitro</i> fertilized embryos. Nucleus, 2014, 5, 555-589.	0.6	43
201	Positional changes of a pluripotency marker gene during structural reorganization of fibroblast nuclei in cloned early bovine embryos. Nucleus, 2014, 5, 542-554.	0.6	10
202	Complement dependent early immunological responses during ex vivo xenoperfusion of hCD46/HLA double transgenic pig forelimbs with human blood. Xenotransplantation, 2014, 21, 230-243.	1.6	19
203	DRO1 Inactivation Drives Colorectal Carcinogenesis in ApcMin ⁺ Mice. Molecular Cancer Research, 2014, 12, 1655-1662.	1.5	16
204	Mitochondrial Dysfunction and Decrease in Body Weight of a Transgenic Knock-in Mouse Model for TDP-43. Journal of Biological Chemistry, 2014, 289, 10769-10784.	1.6	100
205	No Amelioration of Uromodulin Maturation and Trafficking Defect by Sodium 4-Phenylbutyrate in Vivo. Journal of Biological Chemistry, 2014, 289, 10715-10726.	1.6	21
206	The ABC of BTC: Structural properties and biological roles of betacellulin. Seminars in Cell and Developmental Biology, 2014, 28, 42-48.	2.3	25
207	Genetically engineered pig models for diabetes research. Transgenic Research, 2014, 23, 27-38.	1.3	73
208	Stage-Specific Proteome Signatures in Early Bovine Embryo Development. Journal of Proteome Research, 2014, 13, 4363-4376.	1.8	50
209	Uniformity of Nucleosome Preservation Pattern in Mammalian Sperm and Its Connection to Repetitive DNA Elements. Developmental Cell, 2014, 30, 23-35.	3.1	133
210	Standardized, systemic phenotypic analysis of Slc12a1 I299F mutant mice. Journal of Biomedical Science, 2014, 21, 68.	2.6	6
211	Fine mapping of genome activation in bovine embryos by RNA sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4139-4144.	3.3	282
212	Comparative and retrospective molecular analysis of Parapoxvirus (PPV) isolates. Virus Research, 2014, 181, 11-21.	1.1	41
213	Homologous recombination contributes to the repair of zinc-finger-nuclease induced double strand breaks in pig primary cells and facilitates recombination with exogenous DNA. Journal of Biotechnology, 2014, 177, 74-81.	1.9	7
214	Genome activation in bovine embryos: Review of the literature and new insights from RNA sequencing experiments. Animal Reproduction Science, 2014, 149, 46-58.	0.5	113
215	Regulatory Sequences of the Porcine THBD Gene Facilitate Endothelial-Specific Expression of Bioactive Human Thrombomodulin in Single- and Multitransgenic Pigs. Transplantation, 2014, 97, 138-147.	0.5	63
216	Dual Fluorescent Reporter Pig for Cre Recombination: Transgene Placement at the ROSA26 Locus. PLoS ONE, 2014, 9, e102455.	1.1	40

#	ARTICLE	IF	CITATIONS
217	Analysis of the Tissue-Specific Expression Requirements and Identification of Cooperating Mutations for Leukemogenesis in an Inducible CALM/AF10 Knock-in Mouse Model. <i>Blood</i> , 2014, 124, 126-126.	0.6	0
218	Induction of oxazolone mediated features of atopic dermatitis in NOD-scid IL2R β null mice engrafted with human peripheral blood mononuclear cells. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 125-34.	1.2	15
219	Factors influencing the efficiency of generating genetically engineered pigs by nuclear transfer: multi-factorial analysis of a large data set. <i>BMC Biotechnology</i> , 2013, 13, 43.	1.7	81
220	Clinical Chemistry and Other Laboratory Tests on Mouse Plasma or Serum. <i>Current Protocols in Mouse Biology</i> , 2013, 3, 69-100.	1.2	42
221	Blood Collection from Mice and Hematological Analyses on Mouse Blood. <i>Current Protocols in Mouse Biology</i> , 2013, 3, 101-119.	1.2	23
222	SMC6 is an essential gene in mice, but a hypomorphic mutant in the ATPase domain has a mild phenotype with a range of subtle abnormalities. <i>DNA Repair</i> , 2013, 12, 356-366.	1.3	24
223	Protein O-mannosylation is crucial for E-cadherin-mediated cell adhesion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 21024-21029.	3.3	82
224	Genetically Tailored Pig Models for Translational Biomedical Research. , 2013, , 785-809.		1
225	Permanent Neonatal Diabetes in <i>INS</i> C94Y Transgenic Pigs. <i>Diabetes</i> , 2013, 62, 1505-1511.	0.3	99
226	Phenotypic comparison of common mouse strains developing high-fat diet-induced hepatosteatosis. <i>Molecular Metabolism</i> , 2013, 2, 435-446.	3.0	57
227	Increased activation of the epidermal growth factor receptor in transgenic mice overexpressing epigen causes peripheral neuropathy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 2068-2076.	1.8	10
228	Genetic deletion of the EGFR ligand epigen does not affect mouse embryonic development and tissue homeostasis. <i>Experimental Cell Research</i> , 2013, 319, 529-535.	1.2	18
229	An ENU Mutagenesis-Derived Mouse Model with a Dominant Jak1 Mutation Resembling Phenotypes of Systemic Autoimmune Disease. <i>American Journal of Pathology</i> , 2013, 183, 352-368.	1.9	24
230	NOD-scid IL2R β null mice engrafted with human peripheral blood mononuclear cells as a model to test therapeutics targeting human signaling pathways. <i>Journal of Translational Medicine</i> , 2013, 11, 4.	1.8	10
231	Modeling hepatic osteodystrophy in <i>Abcb4</i> deficient mice. <i>Bone</i> , 2013, 55, 501-511.	1.4	20
232	Immune aspects of embryo-maternal cross-talk in the bovine uterus. <i>Journal of Reproductive Immunology</i> , 2013, 97, 20-26.	0.8	31
233	Type of uromodulin mutation and allelic status influence onset and severity of uromodulin-associated kidney disease in mice. <i>Human Molecular Genetics</i> , 2013, 22, 4148-4163.	1.4	26
234	Dystrophin-deficient pigs provide new insights into the hierarchy of physiological derangements of dystrophic muscle. <i>Human Molecular Genetics</i> , 2013, 22, 4368-4382.	1.4	134

#	ARTICLE	IF	CITATIONS
235	Cytoplasmic Mislocalization of POU3F4 Due to Novel Mutations Leads to Deafness in Humans and Mice. <i>Human Mutation</i> , 2013, 34, 1102-1110.	1.1	20
236	Advanced transgenic strategies for modification of donor pigs in xenotransplantation. <i>Xenotransplantation</i> , 2013, 20, 43-44.	1.6	0
237	Ligand-independent epidermal growth factor receptor hyperactivation increases sebaceous gland size and sebum secretion in mice. <i>Experimental Dermatology</i> , 2013, 22, 667-669.	1.4	19
238	High Mobility Group N Proteins Modulate the Fidelity of the Cellular Transcriptional Profile in a Tissue- and Variant-specific Manner. <i>Journal of Biological Chemistry</i> , 2013, 288, 16690-16703.	1.6	37
239	Hosting the preimplantation embryo: potentials and limitations of different approaches for analysing embryo - endometrium interactions in cattle. <i>Reproduction, Fertility and Development</i> , 2013, 25, 62.	0.1	11
240	Activation of the Lectin Pathway of Complement in Pig-to-Human Xenotransplantation Models. <i>Transplantation</i> , 2013, 96, 791-799.	0.5	16
241	Tissue-Specific and Minor Inter-Individual Variation in Imprinting of IGF2R Is a Common Feature of <i>Bos taurus</i> Concepti and Not Correlated with Fetal Weight. <i>PLoS ONE</i> , 2013, 8, e59564.	1.1	13
242	Mouse Nuclear Myosin I Knock-Out Shows Interchangeability and Redundancy of Myosin Isoforms in the Cell Nucleus. <i>PLoS ONE</i> , 2013, 8, e61406.	1.1	35
243	Standardized, Systemic Phenotypic Analysis of UmodC93F and UmodA227T Mutant Mice. <i>PLoS ONE</i> , 2013, 8, e78337.	1.1	8
244	A Broad Phenotypic Screen Identifies Novel Phenotypes Driven by a Single Mutant Allele in Huntington's Disease CAG Knock-In Mice. <i>PLoS ONE</i> , 2013, 8, e80923.	1.1	36
245	Rapamycin extends murine lifespan but has limited effects on aging. <i>Journal of Clinical Investigation</i> , 2013, 123, 3272-3291.	3.9	333
246	Neurobeachin, a Regulator of Synaptic Protein Targeting, Is Associated with Body Fat Mass and Feeding Behavior in Mice and Body-Mass Index in Humans. <i>PLoS Genetics</i> , 2012, 8, e1002568.	1.5	33
247	Cytomegalovirus Replicon-Based Regulation of Gene Expression In Vitro and In Vivo. <i>PLoS Pathogens</i> , 2012, 8, e1002728.	2.1	7
248	Xenografted Islet Cell Clusters From <i>INS</i> LEA29Y Transgenic Pigs Rescue Diabetes and Prevent Immune Rejection in Humanized Mice. <i>Diabetes</i> , 2012, 61, 1527-1532.	0.3	125
249	Changing Metabolic Signatures of Amino Acids and Lipids During the Prediabetic Period in a Pig Model With Impaired Incretin Function and Reduced β -Cell Mass. <i>Diabetes</i> , 2012, 61, 2166-2175.	0.3	47
250	Comparison of the Effects of Early Pregnancy with Human Interferon, Alpha 2 (IFNA2), on Gene Expression in Bovine Endometrium1. <i>Biology of Reproduction</i> , 2012, 86, 46.	1.2	86
251	Cytochrome <i>c</i> oxidase subunit 4 isoform knockout mice show reduced enzyme activity, airway hyporeactivity, and lung pathology. <i>FASEB Journal</i> , 2012, 26, 3916-3930.	0.2	62
252	Lack of Pur-alpha alters postnatal brain development and causes megalencephaly. <i>Human Molecular Genetics</i> , 2012, 21, 473-484.	1.4	58

#	ARTICLE	IF	CITATIONS
253	The hepatic phosphatidylcholine transporter ABCB4 as modulator of glucose homeostasis. <i>FASEB Journal</i> , 2012, 26, 5081-5091.	0.2	22
254	Innovations in phenotyping of mouse models in the German Mouse Clinic. <i>Mammalian Genome</i> , 2012, 23, 611-622.	1.0	40
255	Gene expression profiling of bovine peripartal placentomes: detection of molecular pathways potentially involved in the release of foetal membranes. <i>Reproduction</i> , 2012, 143, 85-105.	1.1	50
256	First inducible transgene expression in porcine large animal models. <i>FASEB Journal</i> , 2012, 26, 1086-1099.	0.2	60
257	Mouse Genetics and Metabolic Mouse Phenotyping. , 2012, , 85-106.		1
258	Negative Feedback Mechanisms Surpass the Effect of Intrinsic EGFR Activation during Skin Chemical Carcinogenesis. <i>American Journal of Pathology</i> , 2012, 180, 1378-1385.	1.9	6
259	A new mouse model for studying EGFR-dependent gastric polyps. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1293-1299.	1.8	8
260	Normal epidermal growth factor receptor signaling is dispensable for bone anabolic effects of parathyroid hormone. <i>Bone</i> , 2012, 50, 237-244.	1.4	12
261	Potential of primary kidney cells for somatic cell nuclear transfer mediated transgenesis in pig. <i>BMC Biotechnology</i> , 2012, 12, 84.	1.7	49
262	Completion of the swine genome will simplify the production of swine as a large animal biomedical model. <i>BMC Medical Genomics</i> , 2012, 5, 55.	0.7	89
263	A Porcine Model of Familial Adenomatous Polyposis. <i>Gastroenterology</i> , 2012, 143, 1173-1175.e7.	0.6	115
264	In-vivo biodegradation of extruded lipid implants in rabbits. <i>Journal of Controlled Release</i> , 2012, 163, 195-202.	4.8	13
265	Transcriptome analyses of bovine, porcine and equine endometrium during the pre-implantation phase. <i>Animal Reproduction Science</i> , 2012, 134, 84-94.	0.5	53
266	A transgenic mouse line expressing cre recombinase in pancreatic Î² cells. <i>Genesis</i> , 2012, 50, 437-442.	0.8	8
267	New mouse models for metabolic bone diseases generated by genome-wide ENU mutagenesis. <i>Mammalian Genome</i> , 2012, 23, 416-430.	1.0	30
268	Does enamelin have pleiotropic effects on organs other than the teeth? Lessons from a phenotyping screen of two enamelin mutant mouse lines. <i>European Journal of Oral Sciences</i> , 2012, 120, 269-277.	0.7	6
269	Systematic design, production and breeding of multi-transgenic donor pigs. <i>Xenotransplantation</i> , 2012, 19, 14-14.	1.6	0
270	Transplantation of neonatal islets from LEA29Y-transgenic pigs restores normoglycemia in streptozotocin-diabetic NSG-mice. <i>Xenotransplantation</i> , 2012, 19, 10-10.	1.6	0

#	ARTICLE	IF	CITATIONS
271	Human TNF α -related apoptosis-inducing ligand-expressing dendritic cells from transgenic pigs attenuate human xenogeneic T cell responses. <i>Xenotransplantation</i> , 2012, 19, 40-51.	1.6	19
272	Clinical chemistry of human FcRn transgenic mice. <i>Mammalian Genome</i> , 2012, 23, 259-269.	1.0	31
273	Large-Scale Phenotyping of an Accurate Genetic Mouse Model of JNCL Identifies Novel Early Pathology Outside the Central Nervous System. <i>PLoS ONE</i> , 2012, 7, e38310.	1.1	56
274	Inactivation and Inducible Oncogenic Mutation of p53 in Gene Targeted Pigs. <i>PLoS ONE</i> , 2012, 7, e43323.	1.1	77
275	The Endocytic Adaptor Eps15 Controls Marginal Zone B Cell Numbers. <i>PLoS ONE</i> , 2012, 7, e50818.	1.1	15
276	Formation of nucleoli in interspecies nuclear transfer embryos derived from bovine, porcine, and rabbit oocytes and nuclear donor cells of various species. <i>Reproduction</i> , 2011, 141, 453-465.	1.1	27
277	The German Mouse Clinic "Running an Open Access Platform.", 2011, , 11-44.		2
278	Bovine endometrial metalloproteinases MMP14 and MMP2 and the metalloproteinase inhibitor TIMP2 participate in maternal preparation of pregnancy. <i>Molecular and Cellular Endocrinology</i> , 2011, 332, 48-57.	1.6	55
279	Mouse phenotyping. <i>Methods</i> , 2011, 53, 120-135.	1.9	128
280	Cell Arrest and Cell Death in Mammalian Preimplantation Development: Lessons from the Bovine Model. <i>PLoS ONE</i> , 2011, 6, e22121.	1.1	47
281	Decreased incidence of papillomas in mice with impaired EGFR function during multi-stage skin carcinogenesis. <i>Experimental Dermatology</i> , 2011, 20, 290-293.	1.4	7
282	Genomic integration of adenoviral gene transfer vectors following transduction of fertilized mouse oocytes. <i>Transgenic Research</i> , 2011, 20, 123-135.	1.3	4
283	Generation of N-ethyl-N-nitrosourea-induced mouse mutants with deviations in hematological parameters. <i>Mammalian Genome</i> , 2011, 22, 495-505.	1.0	21
284	A novel N-ethyl-N-nitrosourea-induced mutation in phospholipase $\text{C}\beta 2$ causes inflammatory arthritis, metabolic defects, and male infertility in vitro in a murine model. <i>Arthritis and Rheumatism</i> , 2011, 63, 1301-1311.	6.7	43
285	Missing-in-metastasis MIM/MTSS1 promotes actin assembly at intercellular junctions and is required for integrity of kidney epithelia. <i>Journal of Cell Science</i> , 2011, 124, 1245-1255.	1.2	74
286	In Vivo Evidence for Epidermal Growth Factor Receptor (EGFR)-mediated Release of Prolactin from the Pituitary Gland. <i>Journal of Biological Chemistry</i> , 2011, 286, 39297-39306.	1.6	10
287	Requirement of the RNA-editing Enzyme ADAR2 for Normal Physiology in Mice. <i>Journal of Biological Chemistry</i> , 2011, 286, 18614-18622.	1.6	91
288	Toxicity modelling of Plk1-targeted therapies in genetically engineered mice and cultured primary mammalian cells. <i>Nature Communications</i> , 2011, 2, 395.	5.8	76

#	ARTICLE	IF	CITATIONS
289	Reduced Amino Acids in the Bovine Uterine Lumen of Cloned versus <i>In Vitro</i> Fertilized Pregnancies Prior to Implantation. <i>Cellular Reprogramming</i> , 2011, 13, 403-410.	0.5	22
290	Increase of essential amino acids in the bovine uterine lumen during preimplantation development. <i>Reproduction</i> , 2011, 141, 685-695.	1.1	81
291	Postnatal Development of Numbers and Mean Sizes of Pancreatic Islets and Beta-Cells in Healthy Mice and GIPRdn Transgenic Diabetic Mice. <i>PLoS ONE</i> , 2011, 6, e22814.	1.1	31
292	Transgenic pigs for xenotransplantation: selection of promoter sequences for reliable transgene expression. <i>Current Opinion in Organ Transplantation</i> , 2010, 15, 201-206.	0.8	28
293	Genetic modification of pigs as organ donors for xenotransplantation. <i>Molecular Reproduction and Development</i> , 2010, 77, 209-221.	1.0	155
294	Transgenic pigs as models for translational biomedical research. <i>Journal of Molecular Medicine</i> , 2010, 88, 653-664.	1.7	210
295	Microphthalmia, parkinsonism, and enhanced nociception in Pitx3 416insG mice. <i>Mammalian Genome</i> , 2010, 21, 13-27.	1.0	36
296	Germ-line transmission of lentiviral PGK-EGFP integrants in transgenic cattle: new perspectives for experimental embryology. <i>Transgenic Research</i> , 2010, 19, 549-556.	1.3	28
297	<i>Escherichia coli</i> infection induces distinct local and systemic transcriptome responses in the mammary gland. <i>BMC Genomics</i> , 2010, 11, 138.	1.2	144
298	EGFR ligands exert diverging effects on male reproductive organs. <i>Experimental and Molecular Pathology</i> , 2010, 88, 216-218.	0.9	4
299	A Key Role for E-cadherin in Intestinal Homeostasis and Paneth Cell Maturation. <i>PLoS ONE</i> , 2010, 5, e14325.	1.1	171
300	Glucose Intolerance and Reduced Proliferation of Pancreatic β -Cells in Transgenic Pigs With Impaired Glucose-Dependent Insulinotropic Polypeptide Function. <i>Diabetes</i> , 2010, 59, 1228-1238.	0.3	160
301	Actions and interactions of progesterone and estrogen on transcriptome profiles of the bovine endometrium. <i>Physiological Genomics</i> , 2010, 42A, 290-300.	1.0	48
302	Epigen Transgenic Mice Develop Enlarged Sebaceous Glands. <i>Journal of Investigative Dermatology</i> , 2010, 130, 623-626.	0.3	29
303	Mutation of the Na ⁺ -K ⁺ -2Cl ⁻ cotransporter NKCC2 in mice is associated with severe polyuria and a urea-selective concentrating defect without hyperreninemia. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, F1405-F1415.	1.3	35
304	Differential Endometrial Gene Expression in Pregnant and Nonpregnant Sows ¹ . <i>Biology of Reproduction</i> , 2010, 83, 277-285.	1.2	88
305	Betacellulin Protects From Pancreatitis by Activating Stress-Activated Protein Kinase. <i>Gastroenterology</i> , 2010, 138, 1585-1594.e3.	0.6	17
306	Specific transgene expression in mouse pancreatic β -cells under the control of the porcine insulin promoter. <i>Molecular and Cellular Endocrinology</i> , 2010, 315, 219-224.	1.6	10

#	ARTICLE	IF	CITATIONS
307	Quantification of Leukocyte Genomic 5-Methylcytosine Levels Reveals Epigenetic Plasticity in Healthy Adult Cloned Cattle. <i>Cellular Reprogramming</i> , 2010, 12, 175-181.	0.5	24
308	Loss of the Actin Remodeler Eps8 Causes Intestinal Defects and Improved Metabolic Status in Mice. <i>PLoS ONE</i> , 2010, 5, e9468.	1.1	50
309	RNAseq Analysis of the Bovine Endometrium Transcriptome During the Pre-Implantation Phase.. <i>Biology of Reproduction</i> , 2010, 83, 473-473.	1.2	7
310	Diabetic kidney lesions of GIPR ^{dn} transgenic mice: podocyte hypertrophy and thickening of the GBM precede glomerular hypertrophy and glomerulosclerosis. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F819-F829.	1.3	61
311	A New <i>Fgf10</i> Mutation in the Mouse Leads to Atrophy of the Harderian Gland and Slit-Eye Phenotype in Heterozygotes: A Novel Model for Dry-Eye Disease?. , 2009, 50, 4311.		14
312	Dll1 Haploinsufficiency in Adult Mice Leads to a Complex Phenotype Affecting Metabolic and Immunological Processes. <i>PLoS ONE</i> , 2009, 4, e6054.	1.1	17
313	Evidence for Estrogen-Dependent Uterine Serpin (SERPINA14) Expression During Estrus in the Bovine Endometrial Glandular Epithelium and Lumen1. <i>Biology of Reproduction</i> , 2009, 81, 795-805.	1.2	46
314	The endometrium responds differently to cloned versus fertilized embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5681-5686.	3.3	177
315	Clinical Chemistry of Congenic Mice with Quantitative Trait Loci for Predicted Responses to <i>Trypanosoma congolense</i> Infection. <i>Infection and Immunity</i> , 2009, 77, 3948-3957.	1.0	7
316	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
317	Novel missense mutation of uromodulin in mice causes renal dysfunction with alterations in urea handling, energy, and bone metabolism. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F1391-F1398.	1.3	41
318	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
319	Maternal inexperience as a risk factor of innate fear and PTSD-like symptoms in mice. <i>Journal of Psychiatric Research</i> , 2009, 43, 1156-1165.	1.5	26
320	Changes of higher order chromatin arrangements during major genome activation in bovine preimplantation embryos. <i>Experimental Cell Research</i> , 2009, 315, 2053-2063.	1.2	64
321	The C-terminal cytoplasmic domain of human proEGF is a negative modulator of body and organ weights in transgenic mice. <i>FEBS Letters</i> , 2009, 583, 1349-1357.	1.3	3
322	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
323	The epidermal growth factor receptor ligands at a glance. <i>Journal of Cellular Physiology</i> , 2009, 218, 460-466.	2.0	363
324	Highly sensitive saturation labeling reveals changes in abundance of cell cycle-associated proteins and redox enzyme variants during oocyte maturation <i>in vitro</i> . <i>Proteomics</i> , 2009, 9, 550-564.	1.3	30

#	ARTICLE	IF	CITATIONS
325	N-ethyl-N-nitrosourea mutagenesis produced a small number of mice with altered plasma electrolyte levels. <i>Journal of Biomedical Science</i> , 2009, 16, 53.	2.6	3
326	Generation of N-ethyl-N-nitrosourea-induced mouse mutants with deviations in plasma enzyme activities as novel organ-specific disease models. <i>Experimental Physiology</i> , 2009, 94, 412-421.	0.9	16
327	Distribution and expression of porcine endogenous retroviruses in multi-transgenic pigs generated for xenotransplantation. <i>Xenotransplantation</i> , 2009, 16, 64-73.	1.6	79
328	High Cortical Bone Mass Phenotype in Betacellulin Transgenic Mice Is EGFR Dependent. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 455-467.	3.1	34
329	A Humanized Version of Foxp2 Affects Cortico-Basal Ganglia Circuits in Mice. <i>Cell</i> , 2009, 137, 961-971.	13.5	555
330	Scrapie-Infected Transgenic Mice Expressing a Laminin Receptor Decoy Mutant Reveal a Prolonged Incubation Time Associated with Low Levels of PrPres. <i>Journal of Molecular Biology</i> , 2009, 388, 721-729.	2.0	15
331	Reprogramming of Active and Repressive Histone Modifications following Nuclear Transfer with Rabbit Mesenchymal Stem Cells and Adult Fibroblasts. <i>Cloning and Stem Cells</i> , 2009, 11, 319-329.	2.6	13
332	HLA-E/Human β 2-Microglobulin Transgenic Pigs: Protection Against Xenogeneic Human Anti-Pig Natural Killer Cell Cytotoxicity. <i>Transplantation</i> , 2009, 87, 35-43.	0.5	138
333	Systemic First-Line Phenotyping. <i>Methods in Molecular Biology</i> , 2009, 530, 463-509.	0.4	70
334	Systemic overexpression of growth hormone (GH) in transgenic FVB/N inbred mice: an optimized model for holistic studies of molecular mechanisms underlying GH-induced kidney pathology. <i>Transgenic Research</i> , 2008, 17, 479-488.	1.3	6
335	Transgene Schweinemodelle für translationale Forschung in der Medizin. <i>Journal Für Verbraucherschutz Und Lebensmittelsicherheit</i> , 2008, 3, 33-40.	0.5	1
336	Effects of Genetic Background, Gender, and Early Environmental Factors on Isolation-Induced Ultrasonic Calling in Mouse Pups: An Embryo-Transfer Study. <i>Behavior Genetics</i> , 2008, 38, 579-595.	1.4	100
337	Evidence for conserved DNA and histone H3 methylation reprogramming in mouse, bovine and rabbit zygotes. <i>Epigenetics and Chromatin</i> , 2008, 1, 8.	1.8	70
338	Pleiotropic effects in Eya3 knockout mice. <i>BMC Developmental Biology</i> , 2008, 8, 118.	2.1	35
339	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
340	Betacellulin Regulates Hair Follicle Development and Hair Cycle Induction and Enhances Angiogenesis in Wounded Skin. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1256-1265.	0.3	35
341	Betacellulin stimulates growth of the mouse intestinal epithelium and increases adenoma multiplicity in Apc ^{+/Min} mice. <i>FEBS Letters</i> , 2008, 582, 2911-2915.	1.3	15
342	Invasion of Tumorigenic HT1080 Cells Is Impeded by Blocking or Downregulating the 37-kDa/67-kDa Laminin Receptor. <i>Journal of Molecular Biology</i> , 2008, 378, 530-539.	2.0	59

#	ARTICLE	IF	CITATIONS
343	Diets influence the diabetic phenotype of transgenic mice expressing a dominant negative glucose-dependent insulinotropic polypeptide receptor (GIPRdn). <i>Regulatory Peptides</i> , 2008, 146, 260-270.	1.9	7
344	The epidermal growth factor receptor and its ligands in female reproduction: Insights from rodent models. <i>Cytokine and Growth Factor Reviews</i> , 2008, 19, 173-181.	3.2	34
345	Beyond Wavy Hairs. <i>American Journal of Pathology</i> , 2008, 173, 14-24.	1.9	146
346	ER Stress-Mediated Apoptosis in a New Mouse Model of Osteogenesis imperfecta. <i>PLoS Genetics</i> , 2008, 4, e7.	1.5	131
347	Diabetes models by screen for hyperglycemia in phenotype-driven ENU mouse mutagenesis projects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E232-E240.	1.8	26
348	Canine embryo-derived stem cells and models for human diseases. <i>Human Molecular Genetics</i> , 2008, 17, R42-R47.	1.4	45
349	Betacellulin Overexpression in the Mouse Ovary Leads to MAPK3/MAPK1 Hyperactivation and Reduces Litter Size by Impairing Fertilization1. <i>Biology of Reproduction</i> , 2008, 78, 43-52.	1.2	22
350	Dynamic changes in messenger RNA profiles of bovine endometrium during the oestrous cycle. <i>Reproduction</i> , 2008, 135, 225-240.	1.1	105
351	Genes involved in conceptusâ€œendometrial interactions in ruminants: insights from reductionism and thoughts on holistic approaches. <i>Reproduction</i> , 2008, 135, 165-179.	1.1	239
352	Mutation in a Novel Connexin-like Gene (<i>Gjfl</i>) in the Mouse Affects Early Lens Development and Causes a Variable Small-Eye Phenotype. , 2008, 49, 1525.		24
353	Rabbit somatic cell cloning: effects of donor cell type, histone acetylation status and chimeric embryo complementation. <i>Reproduction</i> , 2007, 133, 219-230.	1.1	87
354	Screening for increased plasma urea levels in a large-scale ENU mouse mutagenesis project reveals kidney disease models. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F1560-F1567.	1.3	21
355	Quantitative Monitoring of Pluripotency Gene Activation after Somatic Cloning in Cattle1. <i>Biology of Reproduction</i> , 2007, 76, 983-991.	1.2	44
356	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
357	Dominant-Negative Effects of a Novel Mutated Ins2 Allele Causes Early-Onset Diabetes and Severe Î-Cell Loss in Munich Ins2C95S Mutant Mice. <i>Diabetes</i> , 2007, 56, 1268-1276.	0.3	136
358	Leptin Promotes Meiotic Progression and Developmental Capacity of Bovine Oocytes Via Cumulus Cell-Independent and -Dependent Mechanisms1. <i>Biology of Reproduction</i> , 2007, 76, 532-541.	1.2	67
359	A Genetic Screen for Modifiers of the Delta1-Dependent Notch Signaling Function in the Mouse. <i>Genetics</i> , 2007, 175, 1451-1463.	1.2	22
360	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

#	ARTICLE	IF	CITATIONS
361	Physiologic systemic iron metabolism in mice deficient for duodenal Hfe. <i>Blood</i> , 2007, 109, 4511-4517.	0.6	68
362	Effect of macrophage ApoE on atherosclerosis in LDL-receptor deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 574-579.	1.0	6
363	Canine Embryo-Derived Stem Cells-Toward Clinically Relevant Animal Models for Evaluating Efficacy and Safety of Cell Therapies. <i>Stem Cells</i> , 2007, 25, 1850-1851.	1.4	46
364	Strategies to overcome cellular rejection of pig-to-primate xenografts - the next steps. <i>Xenotransplantation</i> , 2007, 14, 371-372.	1.6	3
365	The bioactive lipid sphingosylphosphorylcholine induces differentiation of mouse embryonic stem cells and human promyelocytic leukaemia cells. <i>Cellular Signalling</i> , 2007, 19, 367-377.	1.7	45
366	Generation of ENU-Induced Mouse Mutants with Hypocholesterolemia: Novel Tools for Dissecting Plasma Lipoprotein Homeostasis. <i>Lipids</i> , 2007, 42, 731-737.	0.7	5
367	Peroxiredoxin 6 Is a Potent Cytoprotective Enzyme in the Epidermis. <i>American Journal of Pathology</i> , 2006, 169, 1194-1205.	1.9	103
368	The variability of ovum pick-up response and in vitro embryo production from monozygotic twin cows. <i>Theriogenology</i> , 2006, 65, 573-583.	0.9	32
369	Evaluation of laser-assisted lentiviral transgenesis in bovine. <i>Transgenic Research</i> , 2006, 15, 447-454.	1.3	13
370	Phenotype analysis of mice deficient in the peptide transporter PEPT2 in response to alterations in dietary protein intake. <i>Pflügers Archiv European Journal of Physiology</i> , 2006, 452, 300-306.	1.3	16
371	Genotype-specific environmental impact on the variance of blood values in inbred and F1 hybrid mice. <i>Mammalian Genome</i> , 2006, 17, 93-102.	1.0	28
372	Tissue-Specific Effects of In Vitro Fertilization Procedures on Genomic Cytosine Methylation Levels in Overgrown and Normal Sized Bovine Fetuses1. <i>Biology of Reproduction</i> , 2006, 75, 17-23.	1.2	69
373	Embryo-induced transcriptome changes in bovine endometrium reveal species-specific and common molecular markers of uterine receptivity. <i>Reproduction</i> , 2006, 132, 319-331.	1.1	185
374	Monozygotic Twin Model Reveals Novel Embryo-Induced Transcriptome Changes of Bovine Endometrium in the Preattachment Period1. <i>Biology of Reproduction</i> , 2006, 74, 253-264.	1.2	146
375	Generation and Characterization of dickkopf3 Mutant Mice. <i>Molecular and Cellular Biology</i> , 2006, 26, 2317-2326.	1.1	92
376	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
377	A bovine oviduct epithelial cell suspension culture system suitable for studying embryo-maternal interactions: morphological and functional characterization. <i>Reproduction</i> , 2006, 132, 637-648.	1.1	82
378	Epigenetic Regulation of Lentiviral Transgene Vectors in a Large Animal Model. <i>Molecular Therapy</i> , 2006, 13, 59-66.	3.7	103

#	ARTICLE	IF	CITATIONS
379	Molekulare Mechanismen der Wachstumswirkung des IGF-Systems. , 2006, , 109-132.		0
380	Expression of Biologically Active Human TRAIL in Transgenic Pigs. Transplantation, 2005, 80, 222-230.	0.5	59
381	Genotyping of transgenic mice: Old principles and recent developments. Analytical Biochemistry, 2005, 344, 1-7.	1.1	11
382	Introducing the German Mouse Clinic: open access platform for standardized phenotyping. Nature Methods, 2005, 2, 403-404.	9.0	176
383	Transcriptome analysis of a human colorectal cancer cell line shows molecular targets of insulin-like growth factor-binding protein-4 overexpression. International Journal of Cancer, 2005, 113, 588-599.	2.3	3
384	Genetische Prädispositionen für erhöhte Blutcholesterinwerte im Mausmodell. Biologie in Unserer Zeit, 2005, 35, 14-15.	0.3	0
385	Functional consequences of IGFBP excess?lessons from transgenic mice. Pediatric Nephrology, 2005, 20, 269-278.	0.9	16
386	Holistic differential analysis of embryo-induced alterations in the proteome of bovine endometrium in the preattachment period. Proteomics, 2005, 5, 2551-2560.	1.3	37
387	Maturation of Bovine Oocytes in the Presence of Leptin Improves Development and Reduces Apoptosis of In Vitro-Produced Blastocysts1. Biology of Reproduction, 2005, 73, 737-744.	1.2	96
388	Betacellulin Overexpression in Transgenic Mice Causes Disproportionate Growth, Pulmonary Hemorrhage Syndrome, and Complex Eye Pathology. Endocrinology, 2005, 146, 5237-5246.	1.4	51
389	Three Novel Pax6 Alleles in the Mouse Leading to the Same Small-Eye Phenotype Caused by Different Consequences at Target Promoters. , 2005, 46, 4671.		38
390	Large-Scale Albuminuria Screen for Nephropathy Models in Chemically Induced Mouse Mutants. Nephron Experimental Nephrology, 2005, 100, e143-e149.	2.4	5
391	Mitochondria and the success of somatic cell nuclear transfer cloning: from nuclear - mitochondrial interactions to mitochondrial complementation and mitochondrial DNA recombination. Reproduction, Fertility and Development, 2005, 17, 69.	0.1	44
392	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. Endocrinology, 2005, 146, 3096-3104.	1.4	60
393	CARP, a Cardiac Ankyrin Repeat Protein, Is Up-Regulated during Wound Healing and Induces Angiogenesis in Experimental Granulation Tissue. American Journal of Pathology, 2005, 166, 303-312.	1.9	68
394	Overexpression of a dominant negative GIP receptor in transgenic mice results in disturbed postnatal pancreatic islet and beta-cell development. Regulatory Peptides, 2005, 125, 103-117.	1.9	51
395	Methylation Reprogramming and Chromosomal Aneuploidy in In Vivo Fertilized and Cloned Rabbit Preimplantation Embryos1. Biology of Reproduction, 2004, 71, 340-347.	1.2	123
396	Nuclear-Cytoplasmic Interactions Affect In Utero Developmental Capacity, Phenotype, and Cellular Metabolism of Bovine Nuclear Transfer Fetuses1. Biology of Reproduction, 2004, 70, 1196-1205.	1.2	35

#	ARTICLE	IF	CITATIONS
397	Tissue-Specific Elevated Genomic Cytosine Methylation Levels Are Associated with an Overgrowth Phenotype of Bovine Fetuses Derived by In Vitro Techniques ¹ . <i>Biology of Reproduction</i> , 2004, 71, 217-223.	1.2	100
398	Hypercholesterolemia in ENU-induced mouse mutants. <i>Journal of Lipid Research</i> , 2004, 45, 2132-2137.	2.0	20
399	Activities of the Matrix Metalloproteinase Stromelysin-2 (MMP-10) in Matrix Degradation and Keratinocyte Organization in Wounded Skin. <i>Molecular Biology of the Cell</i> , 2004, 15, 5242-5254.	0.9	118
400	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
401	Targeted disruption of the Walker-Warburg syndrome gene <i>Pomt1</i> in mouse results in embryonic lethality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14126-14131.	3.3	146
402	Generation of Transgenic Cattle by Lentiviral Gene Transfer into Oocytes ¹ . <i>Biology of Reproduction</i> , 2004, 71, 405-409.	1.2	147
403	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
404	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
405	Knock-Down of the 37-kDa/67-kDa Laminin Receptor in Mouse Brain by Transgenic Expression of Specific Antisense LRP RNA. <i>Transgenic Research</i> , 2004, 13, 81-85.	1.3	17
406	Longitudinal In Vivo Effects of Growth Hormone Overexpression on Bone in Transgenic Mice. <i>Journal of Bone and Mineral Research</i> , 2004, 19, 802-810.	3.1	13
407	Effects of growth hormone on the ultrastructure of bovine preimplantation embryos. <i>Cell and Tissue Research</i> , 2004, 317, 101-8.	1.5	17
408	Cloned transgenic farm animals produce a bispecific antibody for T cell-mediated tumor cell killing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6858-6863.	3.3	53
409	Maternal-Fetal Transplacental Leakage of Mitochondrial DNA in Bovine Nuclear Transfer Pregnancies: Potential Implications for Offspring and Recipients. <i>Cloning and Stem Cells</i> , 2004, 6, 150-156.	2.6	24
410	Tumor galectinology: Insights into the complex network of a family of endogenous lectins. <i>Glycoconjugate Journal</i> , 2003, 20, 227-238.	1.4	128
411	Epigenetic Marking Correlates with Developmental Potential in Cloned Bovine Preimplantation Embryos. <i>Current Biology</i> , 2003, 13, 1116-1121.	1.8	491
412	Epigenetic reprogramming in mammalian nuclear transfer. <i>Differentiation</i> , 2003, 71, 91-113.	1.0	119
413	Efficient transgenesis in farm animals by lentiviral vectors. <i>EMBO Reports</i> , 2003, 4, 1054-1058.	2.0	251
414	Regulation of Ipsilateral and Contralateral Bovine Oviduct Epithelial Cell Function in the Postovulation Period: A Transcriptomics Approach ¹ . <i>Biology of Reproduction</i> , 2003, 68, 1170-1177.	1.2	94

#	ARTICLE	IF	CITATIONS
415	Induction of a Senescent-Like Phenotype Does Not Confer the Ability of Bovine Immortal Cells to Support the Development of Nuclear Transfer Embryos ¹ . <i>Biology of Reproduction</i> , 2003, 69, 301-309.	1.2	79
416	Heteroplasmy in Bovine Fetuses Produced by Intra- and Inter-Subspecific Somatic Cell Nuclear Transfer: Neutral Segregation of Nuclear Donor Mitochondrial DNA in Various Tissues and Evidence for Recipient Cow Mitochondria in Fetal Blood ¹ . <i>Biology of Reproduction</i> , 2003, 68, 159-166.	1.2	78
417	Growth Hormone-Related Effects on Apoptosis, Mitosis, and Expression of Connexin 43 in Bovine In Vitro Maturation Cumulus-Oocyte Complexes ¹ . <i>Biology of Reproduction</i> , 2003, 68, 1584-1589.	1.2	49
418	Expression of dystrophin driven by the 1.35-kb MCK promoter ameliorates muscular dystrophy in fast, but not in slow muscles of transgenic mdx mice. <i>Molecular Therapy</i> , 2003, 8, 80-89.	3.7	39
419	Polyclonal Anti-PrP Auto-antibodies Induced with Dimeric PrP Interfere Efficiently with PrP ^{Sc} Propagation in Prion-infected Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 18524-18531.	1.6	99
420	Developmental Regulation of Hyaluronan-Binding Protein (RHAMM/IHABP) Expression in Early Bovine Embryos ¹ . <i>Biology of Reproduction</i> , 2003, 68, 60-66.	1.2	30
421	Molecular Biological Fingerprinting of Human Lectin Expression by RT-PCR. <i>Methods in Enzymology</i> , 2003, 362, 287-297.	0.4	3
422	Efficient transgenesis in farm animals by lentiviral vectors. <i>EMBO Reports</i> , 2003, 4, 1054-1058.	2.0	91
423	Bovine Somatic Cell Nuclear Transfer Using Recipient Oocytes Recovered by Ovum Pick-Up: Effect of Maternal Lineage of Oocyte Donors ¹ . <i>Biology of Reproduction</i> , 2002, 66, 367-373.	1.2	55
424	Insulin-like growth factor binding protein 2 (IGFBP-2) separates hypertrophic and hyperplastic effects of growth hormone (GH)/IGF-1 excess on adrenocortical cells in vivo. <i>FASEB Journal</i> , 2002, 16, 1721-1731.	0.2	49
425	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
426	V76D mutation in a conserved gD-crystallin region leads to dominant cataracts in mice. <i>Mammalian Genome</i> , 2002, 13, 452-455.	1.0	23
427	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
428	Effects of Bovine Serum Albumin and Estrous Cow Serum on Development and Ultrastructure of In Vitro-Produced Porcine Embryos. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2002, 31, 151-157.	0.3	7
429	Pluripotent Stem Cells - Model of Embryonic Development, Tool for Gene Targeting, and Basis of Cell Therapy. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2002, 31, 169-186.	0.3	86
430	Expression of the vascular endothelial growth factor and its receptors and effects of VEGF during in vitro maturation of bovine cumulus-oocyte complexes (COC). <i>Molecular Reproduction and Development</i> , 2002, 62, 29-36.	1.0	46
431	Growth hormone inhibits apoptosis in in vitro produced bovine embryos. <i>Molecular Reproduction and Development</i> , 2002, 61, 180-186.	1.0	55
432	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

#	ARTICLE	IF	CITATIONS
433	Characterization of a Mutation in the Lens-specific MP70 Encoding Gene of the Mouse Leading to a Dominant Cataract. <i>Experimental Eye Research</i> , 2001, 73, 867-876.	1.2	52
434	Mitochondrial Distribution and Adenosine Triphosphate Content of Bovine Oocytes Before and After In Vitro Maturation: Correlation with Morphological Criteria and Developmental Capacity After In Vitro Fertilization and Culture. <i>Biology of Reproduction</i> , 2001, 64, 904-909.	1.2	409
435	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
436	Nuclear transfer in cattle with non-transfected and transfected fetal or cloned transgenic fetal and postnatal fibroblasts. <i>Molecular Reproduction and Development</i> , 2001, 60, 362-369.	1.0	91
437	Remodeling of donor nuclei, DNA-synthesis, and ploidy of bovine cumulus cell nuclear transfer embryos: Effect of activation protocol. <i>Molecular Reproduction and Development</i> , 2001, 59, 371-379.	1.0	35
438	The Ca ²⁺ -binding Proteins S100A8 and S100A9 Are Encoded by Novel Injury-regulated Genes. <i>Journal of Biological Chemistry</i> , 2001, 276, 35818-35825.	1.6	216
439	ENU Mouse Mutagenesis: Generation of Mouse Mutants with Aberrant Plasma IgE Levels. <i>International Archives of Allergy and Immunology</i> , 2001, 124, 25-28.	0.9	19
440	Growth Hormone (GH)/GH Receptor Expression and GH-Mediated Effects During Early Bovine Embryogenesis. <i>Biology of Reproduction</i> , 2001, 64, 1826-1834.	1.2	40
441	Energy Status of Nonmatured and In Vitro-Matured Domestic Cat Oocytes and of Different Stages of In Vitro-Produced Embryos: Enzymatic Removal of the Zona Pellucida Increases Adenosine Triphosphate Content and Total Cell Number of Blastocysts. <i>Biology of Reproduction</i> , 2001, 65, 793-798.	1.2	29
442	Efficient In Vitro Production of Cat Embryos in Modified Synthetic Oviduct Fluid Medium: Effects of Season and Ovarian Status. <i>Biology of Reproduction</i> , 2001, 65, 9-13.	1.2	70
443	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
444	Insulin-Like Growth Factor I (IGF-I) and Long R3IGF-I Differently Affect Development and Messenger Ribonucleic Acid Abundance for IGF-Binding Proteins and Type I IGF Receptors in in Vitro Produced Bovine Embryos*. <i>Endocrinology</i> , 2001, 142, 1309-1316.	1.4	51
445	Ethylnitrosourea-Induced Mutation in Mice Leads to the Expression of a Novel Protein in the Eye and to Dominant Cataracts. <i>Genetics</i> , 2001, 157, 1313-1320.	1.2	15
446	Genome-wide search for loci controlling serum IGF binding protein levels of mice. <i>FASEB Journal</i> , 2001, 15, 978-987.	0.2	2
447	Activation of bovine oocytes by specific inhibition of cyclin-dependent kinases. , 2000, 55, 422-432.		29
448	Mitochondrial DNA heteroplasmy in cloned cattle produced by fetal and adult cell cloning. <i>Nature Genetics</i> , 2000, 25, 255-257.	9.4	164
449	Genome-wide, large-scale production of mutant mice by ENU mutagenesis. <i>Nature Genetics</i> , 2000, 25, 444-447.	9.4	658
450	Large-Scale N -Ethyl-N -Nitrosourea Mutagenesis of Mice - from Phenotypes to Genes. <i>Experimental Physiology</i> , 2000, 85, 635-643.	0.9	13

#	ARTICLE	IF	CITATIONS
451	Transgenic Technology in Farm Animals - Progress and Perspectives. <i>Experimental Physiology</i> , 2000, 85, 615-625.	0.9	47
452	Behavior of M-phase synchronized blastomeres after nuclear transfer in cattle. <i>Molecular Reproduction and Development</i> , 2000, 57, 37-47.	1.0	21
453	The large-scale Munich ENU-mouse-mutagenesis screen. <i>Mammalian Genome</i> , 2000, 11, 507-510.	1.0	40
454	Identification of immunological relevant phenotypes in ENU mutagenized mice. <i>Mammalian Genome</i> , 2000, 11, 526-527.	1.0	22
455	Screening for dysmorphological abnormalities—a powerful tool to isolate new mouse mutants. <i>Mammalian Genome</i> , 2000, 11, 528-530.	1.0	38
456	The clinical-chemical screen in the Munich ENU Mouse Mutagenesis Project: screening for clinically relevant phenotypes. <i>Mammalian Genome</i> , 2000, 11, 543-546.	1.0	53
457	The biochemical metabolite screen in the Munich ENU Mouse Mutagenesis Project: determination of amino acids and acylcarnitines by tandem mass spectrometry. <i>Mammalian Genome</i> , 2000, 11, 547-551.	1.0	31
458	Embryonale Stammzellen und Strategien des Zellkerntransfers. <i>Reproduktionsmedizin</i> , 2000, 16, 37-42.	0.1	0
459	Large-scale N-ethyl-N-nitrosourea mutagenesis of mice - from phenotypes to genes. <i>Experimental Physiology</i> , 2000, 85, 635-643.	0.9	17
460	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
461	Embryonic Stem Cells and Nuclear Transfer Strategies. <i>Cells Tissues Organs</i> , 2000, 166, 1-5.	1.3	6
462	Partial Leptin Receptor Gene Deletion in Transgenic Mice Prevents Expression of the Membrane-Bound Isoforms Except for Ob-Rc. <i>Biochemical and Biophysical Research Communications</i> , 2000, 269, 496-501.	1.0	7
463	Contrasting Obesity Phenotypes Uncovered by Partial Leptin Receptor Gene Deletion in Transgenic Mice. <i>Biochemical and Biophysical Research Communications</i> , 2000, 269, 502-507.	1.0	3
464	Overexpression of Insulin-like Growth Factor-II in Mouse Embryonic Stem Cells Promotes Myogenic Differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2000, 277, 631-638.	1.0	51
465	Interleukin-6 stimulates clonogenic growth of primary and metastatic human colon carcinoma cells. <i>Cancer Letters</i> , 2000, 151, 31-38.	3.2	140
466	Behavior of M-phase synchronized blastomeres after nuclear transfer in cattle. <i>Molecular Reproduction and Development</i> , 2000, 57, 37-47.	1.0	6
467	Transgenic technology in farm animals - progress and perspectives. <i>Experimental Physiology</i> , 2000, 85, 615-625.	0.9	28
468	The Use of Transgenic Animals in the European Union. <i>ATLA Alternatives To Laboratory Animals</i> , 1999, 27, 21-43.	0.7	8

#	ARTICLE	IF	CITATIONS
469	Postnatal Overexpression of Insulin-Like Growth Factor II in Transgenic Mice Is Associated with Adrenocortical Hyperplasia and Enhanced Steroidogenesis. <i>Endocrinology</i> , 1999, 140, 1537-1543.	1.4	59
470	Coenzyme Q10 in Submicron-Sized Dispersion Improves Development, Hatching, Cell Proliferation, and Adenosine Triphosphate Content of In Vitro-Produced Bovine Embryos. <i>Biology of Reproduction</i> , 1999, 61, 541-547.	1.2	48
471	Establishment of Pluripotent Cell Lines from Vertebrate Species – Present Status and Future Prospects. <i>Cells Tissues Organs</i> , 1999, 165, 220-236.	1.3	56
472	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
473	Overgrowth of Skin in Growth Hormone Transgenic Mice Depends on the Presence of Male Gonads. <i>Journal of Investigative Dermatology</i> , 1999, 113, 967-971.	0.3	23
474	Potential of fetal germ cells for nuclear transfer in cattle. <i>Molecular Reproduction and Development</i> , 1999, 52, 421-426.	1.0	61
475	Chimeric pigs following blastocyst injection of transgenic porcine primordial germ cells. <i>Molecular Reproduction and Development</i> , 1999, 54, 244-254.	1.0	73
476	Adult cloning in cattle: Potential of nuclei from a permanent cell line and from primary cultures. <i>Molecular Reproduction and Development</i> , 1999, 54, 264-272.	1.0	152
477	A non-destructive technique for 3-D microstructural phenotypic characterisation of bones in genetically altered mice: preliminary data in growth hormone transgenic animals and normal controls. <i>Anatomy and Embryology</i> , 1999, 199, 239-248.	1.5	27
478	CCR7 Coordinates the Primary Immune Response by Establishing Functional Microenvironments in Secondary Lymphoid Organs. <i>Cell</i> , 1999, 99, 23-33.	13.5	2,122
479	Mutation in the β A3/A1-Crystallin Encoding Gene <i>Cryba1</i> Causes a Dominant Cataract in the Mouse. <i>Genomics</i> , 1999, 62, 67-73.	1.3	67
480	Species-Specific Alternative Splicing of Transgenic RNA in the Mammary Glands of Pigs, Rabbits, and Mice. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 843-850.	1.0	10
481	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
482	Stable production of human insulin-like growth factor 1 (IGF-1) in the milk of hemi- and homozygous transgenic rabbits over several generations. <i>Transgenic Research</i> , 1998, 7, 437-447.	1.3	44
483	Effect of chronic GH overproduction on cardiac ANP expression and circulating ANP levels. <i>Molecular and Cellular Endocrinology</i> , 1998, 144, 109-118.	1.6	11
484	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
485	Composition of parental mitochondrial DNA in cloned bovine embryos. <i>FEBS Letters</i> , 1998, 426, 352-356.	1.3	59
486	Non-balanced mix of mitochondrial DNA in cloned cattle produced by cytoplasm-blastomere fusion. <i>FEBS Letters</i> , 1998, 426, 357-361.	1.3	62

#	ARTICLE	IF	CITATIONS
487	Insulin-like growth factor-binding protein-2 inhibits proliferation of human embryonic kidney fibroblasts and of IGF-responsive colon carcinoma cell lines. <i>FEBS Letters</i> , 1998, 434, 329-334.	1.3	64
488	Nuclear transfer in mammals: Recent developments and future perspectives ¹ Based on a lecture held at the symposium, 'Cloning of mammalian embryos: current status and perspectives' at the 8th European Congress on Biotechnology (ECB8) in Budapest, Hungary, August 1997. ¹ <i>Journal of Biotechnology</i> , 1998, 65, 99-110.	1.9	64
489	Growth Factors and Components for Extracellular Proteolysis Are Differentially Expressed during In Vitro Maturation of Bovine Cumulus-Oocyte Complexes ¹ . <i>Biology of Reproduction</i> , 1998, 59, 801-806.	1.2	16
490	Primary culture of porcine PGCs requires LIF and porcine membrane-bound stem cell factor. <i>Zygote</i> , 1998, 6, 271-275.	0.5	27
491	The Use of Transgenic Animals in the European Union. <i>ATLA Alternatives To Laboratory Animals</i> , 1998, 26, 21-43.	0.7	12
492	Human Insulin-Like Growth Factor I (IGF-I) Produced in the Mammary Glands of Transgenic Rabbits: Yield, Receptor Binding, Mitogenic Activity, and Effects on IGF-Binding Proteins. <i>Endocrinology</i> , 1997, 138, 307-313.	1.4	60
493	Karyoplast-cytoplasm volume ratio in bovine nuclear transfer embryos: Effect on developmental potential. <i>Molecular Reproduction and Development</i> , 1997, 48, 332-338.	1.0	39
494	Actions and interactions of growth hormone and insulin-like growth factor-II: body and organ growth of transgenic mice. <i>Transgenic Research</i> , 1997, 6, 213-222.	1.3	38
495	A Putative Chemokine Receptor, BLR1, Directs B Cell Migration to Defined Lymphoid Organs and Specific Anatomic Compartments of the Spleen. <i>Cell</i> , 1996, 87, 1037-1047.	13.5	1,059
496	Specific Subtypes of Cutaneous Mechanoreceptors Require Neurotrophin-3 Following Peripheral Target Innervation. <i>Neuron</i> , 1996, 16, 287-295.	3.8	213
497	Nuclear transfer in cattle using in vivo-derived vs. in vitro-produced donor embryos: Effect of developmental stage. <i>Molecular Reproduction and Development</i> , 1996, 44, 493-498.	1.0	13
498	Secretion of Biologically Active Interferon γ , by in Vitro-Derived Bovine Trophoblastic Tissue ¹ . <i>Biology of Reproduction</i> , 1995, 53, 1500-1507.	1.2	59
499	Effects of growth hormone overproduction on grip strength of transgenic mice. <i>European Journal of Endocrinology</i> , 1995, 133, 735-740.	1.9	33
500	Efficient generation of chimaeric mice using embryonic stem cells after long-term culture in the presence of ciliary neurotrophic factor. <i>Transgenic Research</i> , 1994, 3, 152-158.	1.3	33
501	Expression of synthetic cDNA sequences encoding human insulin-like growth factor-1 (IGF-1) in the mammary gland of transgenic rabbits. <i>Gene</i> , 1994, 149, 351-355.	1.0	71
502	Disruption of the CNTF gene results in motor neuron degeneration. <i>Nature</i> , 1993, 365, 27-32.	13.7	586
503	Effects of long-term elevated serum levels of growth hormone on life expectancy of mice: Lessons from transgenic animal models. <i>Mechanisms of Ageing and Development</i> , 1993, 68, 71-87.	2.2	136
504	Accelerated growth and visceral lesions in transgenic mice expressing foreign genes of the growth hormone family: an overview. <i>Pediatric Nephrology</i> , 1991, 5, 513-521.	0.9	79

#	ARTICLE	IF	CITATIONS
505	Clinical Chemical Screen. , 0, , 87-107.		6
506	Insulin-Like Growth Factor I (IGF-I) and Long R3IGF-I Differently Affect Development and Messenger Ribonucleic Acid Abundance for IGF-Binding Proteins and Type I IGF Receptors in in Vitro Produced Bovine Embryos. , 0, .		23
507	Growth Inhibition in Giant Growth Hormone Transgenic Mice by Overexpression of Insulin-Like Growth Factor-Binding Protein-2. , 0, .		24
508	Multi-Omics Insights into Functional Alterations of the Liver in Insulin-Deficient Diabetes Mellitus. SSRN Electronic Journal, 0, , .	0.4	0