

Matti Poutanen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6679741/publications.pdf>

Version: 2024-02-01

228
papers

8,790
citations

44069

48
h-index

66911

78
g-index

235
all docs

235
docs citations

235
times ranked

10048
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Sex Steroid Profiling in Multiple Tissues Reveals Novel Insights in Sex Steroid Distribution in Male Mice. <i>Endocrinology</i> , 2022, 163, .	2.8	10
2	Selective loss of kisspeptin signaling in oocytes causes progressive premature ovulatory failure. <i>Human Reproduction</i> , 2022, 37, 806-821.	0.9	12
3	The variant rs77559646 associated with aggressive prostate cancer disrupts <i>ANO7</i> mRNA splicing and protein expression. <i>Human Molecular Genetics</i> , 2022, 31, 2063-2077.	2.9	7
4	Congenital Hypothyroidism and Hyperthyroidism Alters Adrenal Gene Expression, Development, and Function. <i>Thyroid</i> , 2022, 32, 459-471.	4.5	6
5	AKR1D1 knockout mice develop a sex-dependent metabolic phenotype. <i>Journal of Endocrinology</i> , 2022, 253, 97-113.	2.6	7
6	Impact of Musashi-1 and Musashi-2 Double Knockdown on Notch Signaling and the Pathogenesis of Endometriosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2851.	4.1	14
7	Preterm infant circulating sex steroid levels are not altered by transfusion with adult male plasma: a retrospective multicentre cohort study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 577-582.	2.8	1
8	Low Progesterone and Low Estradiol Levels Associate With Abdominal Aortic Aneurysms in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1413-e1425.	3.6	17
9	Histone H3K4me3 breadth in hypoxia reveals endometrial core functions and stress adaptation linked to endometriosis. <i>IScience</i> , 2022, 25, 104235.	4.1	4
10	Overexpression of Human Estrogen Biosynthetic Enzyme Hydroxysteroid (17beta) Dehydrogenase Type 1 Induces Adenomyosis-like Phenotype in Transgenic Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4815.	4.1	4
11	High intratumoral dihydrotestosterone is associated with antiandrogen resistance in VCaP prostate cancer xenografts in castrated mice. <i>IScience</i> , 2022, 25, 104287.	4.1	4
12	Exploring the Ion Channel TRPV2 and Testicular Macrophages in Mouse Testis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4727.	4.1	5
13	Testicular adenosine acts as a pro-inflammatory molecule: role of testicular peritubular cells. <i>Molecular Human Reproduction</i> , 2021, 27, .	2.8	8
14	Comparative Analysis of the Effects of Long-Term 3,5-diiodothyronine Treatment on the Murine Hepatic Proteome and Transcriptome Under Conditions of Normal Diet and High-Fat Diet. <i>Thyroid</i> , 2021, 31, 1135-1146.	4.5	7
15	Pulsed administration for physiological estrogen replacement in mice. <i>F1000Research</i> , 2021, 10, 809.	1.6	5
16	MALDI-IMS combined with shotgun proteomics identify and localize new factors in male infertility. <i>Life Science Alliance</i> , 2021, 4, e202000672.	2.8	7
17	The androgen receptor depends on ligand-binding domain dimerization for transcriptional activation. <i>EMBO Reports</i> , 2021, 22, e52764.	4.5	20
18	Genetic Ablation of MiR-22 Fosters Diet-Induced Obesity and NAFLD Development. <i>Journal of Personalized Medicine</i> , 2020, 10, 170.	2.5	21

#	ARTICLE	IF	CITATIONS
19	Role of kisspeptins in the control of the hypothalamic-pituitary-ovarian axis: old dogmas and new challenges. <i>Fertility and Sterility</i> , 2020, 114, 465-474.	1.0	27
20	Hydroxysteroid (17 β) dehydrogenase 12 is essential for metabolic homeostasis in adult mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E494-E508.	3.5	12
21	Erb4 regulates the oocyte microenvironment during folliculogenesis. <i>Human Molecular Genetics</i> , 2020, 29, 2813-2830.	2.9	16
22	Generation of an all-exon Esr2 deleted mouse line: Effects on fertility. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 231-237.	2.1	14
23	Phosphorylation site S122 in estrogen receptor β has a tissue-dependent role in female mice. <i>FASEB Journal</i> , 2020, 34, 15991-16002.	0.5	7
24	Increased estrogen to androgen ratio enhances immunoglobulin levels and impairs B cell function in male mice. <i>Scientific Reports</i> , 2020, 10, 18334.	3.3	12
25	Glycovariant-based lateral flow immunoassay to detect ovarian cancer-associated serum CA125. <i>Communications Biology</i> , 2020, 3, 460.	4.4	23
26	A relational database to identify differentially expressed genes in the endometrium and endometriosis lesions. <i>Scientific Data</i> , 2020, 7, 284.	5.3	33
27	Exploratory Analysis of CA125-MGL and α -STn Glycoforms in the Differential Diagnostics of Pelvic Masses. <i>journal of applied laboratory medicine, The</i> , 2020, 5, 263-272.	1.3	9
28	Androgen deprivation upregulates SPINK1 expression and potentiates cellular plasticity in prostate cancer. <i>Nature Communications</i> , 2020, 11, 384.	12.8	56
29	Neonatal exposure to androgens dynamically alters gut microbiota architecture. <i>Journal of Endocrinology</i> , 2020, 247, 69-85.	2.6	12
30	Transcriptomic responses to hypoxia in endometrial and decidual stromal cells. <i>Reproduction</i> , 2020, 160, 39-51.	2.6	13
31	Interplay between gonadal hormones and postnatal overfeeding in defining sex-dependent differences in gut microbiota architecture. <i>Aging</i> , 2020, 12, 19979-20000.	3.1	14
32	Phenotypic characterization of transgenic mouse models overproducing hCG. , 2020, , 181-191.		0
33	Role of hydroxysteroid (17 β) dehydrogenase type 1 in reproductive tissues and hormone-dependent diseases. <i>Molecular and Cellular Endocrinology</i> , 2019, 489, 9-31.	3.2	17
34	Personalized Drug Sensitivity Screening for Bladder Cancer Using Conditionally Reprogrammed Patient-derived Cells. <i>European Urology</i> , 2019, 76, 430-434.	1.9	31
35	The gut microbiota is a major regulator of androgen metabolism in intestinal contents. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E1182-E1192.	3.5	118
36	Europium Nanoparticle-Based Sialyl-Tn Monoclonal Antibody Discriminates Epithelial Ovarian Cancer-associated CA125 from Benign Sources. <i>journal of applied laboratory medicine, The</i> , 2019, 4, 299-310.	1.3	12

#	ARTICLE	IF	CITATIONS
37	Gonadal hormone-dependent vs. -independent effects of kisspeptin signaling in the control of body weight and metabolic homeostasis. <i>Metabolism: Clinical and Experimental</i> , 2019, 98, 84-94.	3.4	37
38	Biology and clinical relevance of Hydroxysteroid (17beta) dehydrogenase enzymes. <i>Molecular and Cellular Endocrinology</i> , 2019, 489, 1-2.	3.2	6
39	Interleukin-6 in the central amygdala is bioactive and co-localised with glucagon-like peptide-1 receptor. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12722.	2.6	7
40	Glucagon-Like Peptide-1-, but not Growth and Differentiation Factor 15-, Receptor Activation Increases the Number of Interleukin-6-Expressing Cells in the External Lateral Parabrachial Nucleus. <i>Neuroendocrinology</i> , 2019, 109, 310-321.	2.5	5
41	Lack of androgen receptor SUMOylation results in male infertility due to epididymal dysfunction. <i>Nature Communications</i> , 2019, 10, 777.	12.8	15
42	Simultaneous analysis by LC-MS/MS of 22 ketosteroids with hydroxylamine derivatization and underivatized estradiol from human plasma, serum and prostate tissue. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 642-652.	2.8	52
43	Decidualization of Human Endometrial Stromal Fibroblasts is a Multiphasic Process Involving Distinct Transcriptional Programs. <i>Reproductive Sciences</i> , 2019, 26, 323-336.	2.5	45
44	Androgen receptor SUMOylation regulates bone mass in male mice. <i>Molecular and Cellular Endocrinology</i> , 2019, 479, 117-122.	3.2	7
45	Applying mass spectrometric methods to study androgen biosynthesis and metabolism in prostate cancer. <i>Journal of Molecular Endocrinology</i> , 2019, 62, R255-R267.	2.5	9
46	HSD17B12 Is Essential for the Metabolic Homeostasis in Adult Mice. <i>FASEB Journal</i> , 2019, 33, 582.7.	0.5	0
47	Kisspeptin signaling in oocytes is compulsory for ovulation in adult mice. <i>FASEB Journal</i> , 2019, 33, 580.5.	0.5	1
48	HSD17B1 expression induces inflammation-aided rupture of mammary gland myoepithelium. <i>Endocrine-Related Cancer</i> , 2018, 25, 393-406.	3.1	6
49	Analysis by LC-MS/MS of endogenous steroids from human serum, plasma, endometrium and endometriotic tissue. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 152, 165-172.	2.8	55
50	Secreted frizzled-related protein 2 (SFRP2) expression promotes lesion proliferation via canonical WNT signaling and indicates lesion borders in extraovarian endometriosis. <i>Human Reproduction</i> , 2018, 33, 817-831.	0.9	22
51	The Expression of HSD17B12 Is Associated with COX-2 Expression and Is Increased in High-Grade Epithelial Ovarian Cancer. <i>Oncology</i> , 2018, 94, 233-242.	1.9	15
52	Editing activity for eliminating mischarged tRNAs is essential in mammalian mitochondria. <i>Nucleic Acids Research</i> , 2018, 46, 849-860.	14.5	30
53	Inducible Wnt16 inactivation: WNT16 regulates cortical bone thickness in adult mice. <i>Journal of Endocrinology</i> , 2018, 237, 113-122.	2.6	32
54	Antiandrogens Reduce Intratumoral Androgen Concentrations and Induce Androgen Receptor Expression in Castration-Resistant Prostate Cancer Xenografts. <i>American Journal of Pathology</i> , 2018, 188, 216-228.	3.8	9

#	ARTICLE	IF	CITATIONS
55	Adrenals Contribute to Growth of Castration-Resistant VCaP Prostate Cancer Xenografts. <i>American Journal of Pathology</i> , 2018, 188, 2890-2901.	3.8	17
56	Metabolic regulation of female puberty via hypothalamic AMPK-kisspeptin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10758-E10767.	7.1	55
57	Intratymoral androgen levels are linked to TMPRSS2-ERG fusion in prostate cancer. <i>Endocrine-Related Cancer</i> , 2018, 25, 807-819.	3.1	16
58	WNT16 overexpression partly protects against glucocorticoid-induced bone loss. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E597-E604.	3.5	19
59	Partial thyrocyte-specific Cl^- deficiency leads to rapid-onset hypothyroidism, hyperplasia, and papillary thyroid carcinoma-like lesions in mice. <i>FASEB Journal</i> , 2018, 32, 6239-6251.	0.5	9
60	Hydroxysteroid (17 β) dehydrogenase 13 deficiency triggers hepatic steatosis and inflammation in mice. <i>FASEB Journal</i> , 2018, 32, 3434-3447.	0.5	49
61	Preface. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2018, 32, 215-218.	4.7	0
62	Hyperthyroidism and Papillary Thyroid Carcinoma in Thyrotropin Receptor D633H Mutant Mice. <i>Thyroid</i> , 2018, 28, 1372-1386.	4.5	12
63	Hydroxysteroid (17 β) dehydrogenase 1 expressed by Sertoli cells contributes to steroid synthesis and is required for male fertility. <i>FASEB Journal</i> , 2018, 32, 3229-3241.	0.5	14
64	NLRP3 in somatic non-immune cells of rodent and primate testes. <i>Reproduction</i> , 2018, 156, 231-238.	2.6	29
65	Matched preclinical designs for improved translatability. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	2
66	In Vivo Expression of miR-32 Induces Proliferation in Prostate Epithelium. <i>American Journal of Pathology</i> , 2017, 187, 2546-2557.	3.8	16
67	Maternal expression of the JMJD2A/KDM4A histone demethylase is critical for pre-implantation development. <i>Development (Cambridge)</i> , 2017, 144, 3264-3277.	2.5	23
68	Ectodysplasin target gene <i>Fgf20</i> regulates mammary bud growth and ductal invasion and branching during puberty. <i>Scientific Reports</i> , 2017, 7, 5049.	3.3	17
69	Increased adipose tissue aromatase activity improves insulin sensitivity and reduces adipose tissue inflammation in male mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E450-E462.	3.5	39
70	Deleting the mouse <i>Hsd17b1</i> gene results in a hypomorphic Naglu allele and a phenotype mimicking a lysosomal storage disease. <i>Scientific Reports</i> , 2017, 7, 16406.	3.3	13
71	Stress-activated miR-21/miR-21* in hepatocytes promotes lipid and glucose metabolic disorders associated with high-fat diet consumption. <i>Gut</i> , 2016, 65, 1871-1881.	12.1	114
72	From pure compounds to complex exposure: Effects of dietary cadmium and lignans on estrogen, epidermal growth factor receptor, and mitogen activated protein kinase signaling in vivo. <i>Toxicology Letters</i> , 2016, 253, 27-35.	0.8	6

#	ARTICLE	IF	CITATIONS
73	The Hydroxysteroid (17 β) Dehydrogenase Family Gene HSD17B12 Is Involved in the Prostaglandin Synthesis Pathway, the Ovarian Function, and Regulation of Fertility. <i>Endocrinology</i> , 2016, 157, 3719-3730.	2.8	43
74	A Nanoparticle-Lectin Immunoassay Improves Discrimination of Serum CA125 from Malignant and Benign Sources. <i>Clinical Chemistry</i> , 2016, 62, 1390-1400.	3.2	21
75	Optimized design and analysis of preclinical intervention studies in vivo. <i>Scientific Reports</i> , 2016, 6, 30723.	3.3	36
76	Targeted inactivation of the mouse epididymal beta-defensin 41 alters sperm flagellar beat pattern and zona pellucida binding. <i>Molecular and Cellular Endocrinology</i> , 2016, 427, 143-154.	3.2	28
77	Hyperprolactinemia induced by hCG leads to metabolic disturbances in female mice. <i>Journal of Endocrinology</i> , 2016, 230, 157-169.	2.6	18
78	Liver lipid metabolism is altered by increased circulating estrogen to androgen ratio in male mouse. <i>Journal of Proteomics</i> , 2016, 133, 66-75.	2.4	7
79	Fam3c modulates osteogenic cell differentiation and affects bone volume and cortical bone mineral density. <i>BoneKey Reports</i> , 2016, 5, 787.	2.7	16
80	The bone-sparing effects of estrogen and WNT16 are independent of each other. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14972-14977.	7.1	50
81	Direct Comparison of a Natural Loss-Of-Function Single Nucleotide Polymorphism with a Targeted Deletion in the Ncf1 Gene Reveals Different Phenotypes. <i>PLoS ONE</i> , 2015, 10, e0141974.	2.5	15
82	HSD17B1 expression enhances estrogen signaling stimulated by the low active estrone, evidenced by an estrogen responsive element-driven reporter gene in vivo. <i>Chemico-Biological Interactions</i> , 2015, 234, 126-134.	4.0	12
83	Measurement of a Comprehensive Sex Steroid Profile in Rodent Serum by High-Sensitive Gas Chromatography-Tandem Mass Spectrometry. <i>Endocrinology</i> , 2015, 156, 2492-2502.	2.8	246
84	Imbalanced lipid homeostasis in the conditional Dicer1 knockout mouse epididymis causes instability of the sperm membrane. <i>FASEB Journal</i> , 2015, 29, 433-442.	0.5	45
85	Hydroxysteroid (17 β)-dehydrogenase 1 α deficient female mice present with normal puberty onset but are severely subfertile due to a defect in luteinization and progesterone production. <i>FASEB Journal</i> , 2015, 29, 3806-3816.	0.5	40
86	Autocrine Action of IGF2 Regulates Adult β -Cell Mass and Function. <i>Diabetes</i> , 2015, 64, 4148-4157.	0.6	46
87	Optimization of Statistical Methods Impact on Quantitative Proteomics Data. <i>Journal of Proteome Research</i> , 2015, 14, 4118-4126.	3.7	54
88	Abstract 3061: In vivo role of miR-32 in prostate cancer. , 2015, , .		0
89	Human Testicular Peritubular Cells Host Putative Stem Leydig Cells With Steroidogenic Capacity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1227-E1235.	3.6	48
90	Intra-Tissue Steroid Profiling Indicates Differential Progesterone and Testosterone Metabolism in the Endometrium and Endometriosis Lesions. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2188-E2197.	3.6	55

#	ARTICLE	IF	CITATIONS
91	ErbB4, a Receptor Tyrosine Kinase, Coordinates Organization of the Seminiferous Tubules in the Developing Testis. <i>Molecular Endocrinology</i> , 2014, 28, 1534-1546.	3.7	8
92	Elevated hypothalamic aromatization at the onset of precocious puberty in transgenic female mice hypersecreting human chorionic gonadotropin: Effect of androgens. <i>Molecular and Cellular Endocrinology</i> , 2014, 390, 102-111.	3.2	6
93	Osteoblast-derived WNT16 represses osteoclastogenesis and prevents cortical bone fragility fractures. <i>Nature Medicine</i> , 2014, 20, 1279-1288.	30.7	303
94	Ovarian Endometriosis Signatures Established through Discovery and Directed Mass Spectrometry Analysis. <i>Journal of Proteome Research</i> , 2014, 13, 4983-4994.	3.7	17
95	Castration Induces Up-Regulation of Intratumoral Androgen Biosynthesis and Androgen Receptor Expression in an Orthotopic VCaP Human Prostate Cancer Xenograft Model. <i>American Journal of Pathology</i> , 2014, 184, 2163-2173.	3.8	53
96	Abstract LB-31: Castration induces upregulation of intratumoral androgen biosynthesis and androgen receptor expression in orthotopic VCaP human prostate cancer xenograft model. , 2014, , .		0
97	Inactivation of estrogen receptor α in bone-forming cells induces bone loss in female mice. <i>FASEB Journal</i> , 2013, 27, 478-488.	0.5	74
98	The transcriptional co-factor RIP140 regulates mammary gland development by promoting the generation of key mitogenic signals. <i>Development (Cambridge)</i> , 2013, 140, 1079-1089.	2.5	44
99	FELASA guidelines for the refinement of methods for genotyping genetically-modified rodents. <i>Laboratory Animals</i> , 2013, 47, 134-145.	1.0	32
100	Seminal vesicles and urinary bladder as sites of aromatization of androgens in men, evidenced by a CYP19A1-driven luciferase reporter mouse and human tissue specimens. <i>FASEB Journal</i> , 2013, 27, 1342-1350.	0.5	7
101	Inactivation of the androgen receptor in bone-forming cells leads to trabecular bone loss in adult female mice. <i>BoneKEY Reports</i> , 2013, 2, 440.	2.7	28
102	LC-MS analysis of estradiol in human serum and endometrial tissue: Comparison of electrospray ionization, atmospheric pressure chemical ionization and atmospheric pressure photoionization. <i>Journal of Mass Spectrometry</i> , 2013, 48, 1050-1058.	1.6	43
103	Abstract 1402: A reporter mouse model reveals that human CYP19A1 (aromatase) gene expression is induced in breast cancer xenograft stroma and surrounding mammary gland by the cancer cells in vivo. , 2013, , .		0
104	Understanding the diversity of sex steroid action. <i>Journal of Endocrinology</i> , 2012, 212, 1-2.	2.6	6
105	Fibroblast Growth Factor 8b Causes Progressive Stromal and Epithelial Changes in the Epididymis and Degeneration of the Seminiferous Epithelium in the Testis of Transgenic Mice1. <i>Biology of Reproduction</i> , 2012, 86, 157, 1-12.	2.7	7
106	Loss of Cysteine-Rich Secretory Protein 4 (Crisp4) Leads to Deficiency in Sperm-Zona Pellucida Interaction in Mice1. <i>Biology of Reproduction</i> , 2012, 86, 1-8.	2.7	37
107	Short-Term Pharmacological Suppression of the Hyperprolactinemia of Infertile hCG-Overproducing Female Mice Persistently Restores Their Fertility. <i>Endocrinology</i> , 2012, 153, 5980-5992.	2.8	17
108	Epididymal protein Rnase10 is required for post-testicular sperm maturation and male fertility. <i>FASEB Journal</i> , 2012, 26, 4198-4209.	0.5	53

#	ARTICLE	IF	CITATIONS
109	The diversity of sex steroid action: novel functions of hydroxysteroid (17 β) dehydrogenases as revealed by genetically modified mouse models. <i>Journal of Endocrinology</i> , 2012, 212, 27-40.	2.6	83
110	Improved Statistical Modeling of Tumor Growth and Treatment Effect in Preclinical Animal Studies with Highly Heterogeneous Responses <i>In Vivo</i> . <i>Clinical Cancer Research</i> , 2012, 18, 4385-4396.	7.0	35
111	Loss of Bmyc results in increased apoptosis associated with upregulation of Myc expression in juvenile murine testis. <i>Reproduction</i> , 2012, 144, 495-503.	2.6	8
112	Conditional model to study the tissue- and time specific effects of nadph oxidase 2 -derived reactive oxygen species during arthritis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A83.3-A84.	0.9	0
113	Comparison of liquid chromatography-microchip/mass spectrometry to conventional liquid chromatography-mass spectrometry for the analysis of steroids. <i>Analytica Chimica Acta</i> , 2012, 721, 115-121.	5.4	17
114	Interactions between inflammatory signals and the progesterone receptor in regulating gene expression in pregnant human uterine myocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2487-2503.	3.6	33
115	Endometrial and Endometriotic Concentrations of Estrone and Estradiol Are Determined by Local Metabolism Rather than Circulating Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4228-4235.	3.6	145
116	Estrogen biosynthesis and signaling in endometriosis. <i>Molecular and Cellular Endocrinology</i> , 2012, 358, 146-154.	3.2	88
117	Dicer1 Ablation in the Mouse Epididymis Causes Dedifferentiation of the Epithelium and Imbalance in Sex Steroid Signaling. <i>PLoS ONE</i> , 2012, 7, e38457.	2.5	71
118	Regional Expression of Androgen Receptor Coregulators and Androgen Action in the Mouse Epididymis. <i>Journal of Andrology</i> , 2011, 32, 711-717.	2.0	15
119	ER β 1 Represses FOXM1 Expression through Targeting ER β to Control Cell Proliferation in Breast Cancer. <i>American Journal of Pathology</i> , 2011, 179, 1148-1156.	3.8	31
120	Endogenously elevated androgens alter the developmental programming of the hypothalamic-pituitary axis in male mice. <i>Molecular and Cellular Endocrinology</i> , 2011, 332, 78-87.	3.2	15
121	Fast and sensitive liquid chromatography-mass spectrometry assay for seven androgenic and progestagenic steroids in human serum. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 396-404.	2.5	105
122	Members of the murine Pate family are predominantly expressed in the epididymis in a segment-specific fashion and regulated by androgens and other testicular factors. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 128.	3.3	16
123	Down-Regulation of the Histone Methyltransferase EZH2 Contributes to the Epigenetic Programming of Decidualizing Human Endometrial Stromal Cells. <i>Molecular Endocrinology</i> , 2011, 25, 1892-1903.	3.7	82
124	A Single Dose of Enterolactone Activates Estrogen Signaling and Regulates Expression of Circadian Clock Genes in Mice. <i>Journal of Nutrition</i> , 2011, 141, 1583-1589.	2.9	33
125	Targeted Inactivation of the Androgen Receptor Gene in Murine Proximal Epididymis Causes Epithelial Hypertrophy and Obstructive Azoospermia. <i>Endocrinology</i> , 2011, 152, 689-696.	2.8	69
126	Inactivation of Palb2 gene leads to mesoderm differentiation defect and early embryonic lethality in mice. <i>Human Molecular Genetics</i> , 2010, 19, 3021-3029.	2.9	41

#	ARTICLE	IF	CITATIONS
127	Elevated expression of the metabolic regulator receptor-interacting protein 140 results in cardiac hypertrophy and impaired cardiac function. <i>Cardiovascular Research</i> , 2010, 86, 443-451.	3.8	38
128	Hydroxysteroid (17 β) Dehydrogenase 7 Activity Is Essential for Fetal de Novo Cholesterol Synthesis and for Neuroectodermal Survival and Cardiovascular Differentiation in Early Mouse Embryos. <i>Endocrinology</i> , 2010, 151, 1884-1892.	2.8	38
129	Inhibition of oocyte growth factors in vivo modulates ovarian folliculogenesis in neonatal and immature mice. <i>Reproduction</i> , 2010, 139, 587-598.	2.6	16
130	Hydroxysteroid (17 β) Dehydrogenase 12 Is Essential for Mouse Organogenesis and Embryonic Survival. <i>Endocrinology</i> , 2010, 151, 1893-1901.	2.8	52
131	Female Mice Expressing Constitutively Active Mutants of FSH Receptor Present with a Phenotype of Premature Follicle Depletion and Estrogen Excess. <i>Endocrinology</i> , 2010, 151, 1872-1883.	2.8	44
132	Stromal Activation Associated with Development of Prostate Cancer in Prostate-Targeted Fibroblast Growth Factor 8b Transgenic Mice. <i>Neoplasia</i> , 2010, 12, 915-919.	5.3	28
133	Novel Hydroxysteroid (17 β) Dehydrogenase 1 Inhibitors Reverse Estrogen-Induced Endometrial Hyperplasia in Transgenic Mice. <i>American Journal of Pathology</i> , 2010, 176, 1443-1451.	3.8	37
134	Resampling Reveals Sample-Level Differential Expression in Clinical Genome-Wide Studies. <i>OMICS A Journal of Integrative Biology</i> , 2009, 13, 381-396.	2.0	10
135	Increased Exposure to Estrogens Disturbs Maturation, Steroidogenesis, and Cholesterol Homeostasis via Estrogen Receptor α in Adult Mouse Leydig Cells. <i>Endocrinology</i> , 2009, 150, 2865-2872.	2.8	64
136	Sex Steroid-Dependent and -Independent Action of Hydroxysteroid (17 β) Dehydrogenase 2: Evidence from Transgenic Female Mice. <i>Endocrinology</i> , 2009, 150, 4941-4949.	2.8	9
137	Elevated Aromatase Expression in Osteoblasts Leads to Increased Bone Mass Without Systemic Adverse Effects. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 1263-1270.	2.8	41
138	Epithelial cells are the major site of hydroxysteroid (17 β) dehydrogenase 2 and androgen receptor expression in fetal mouse lungs during the period overlapping the surge of surfactant. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 117, 139-145.	2.5	24
139	In vivo mouse model for analysis of hydroxysteroid (17 β) dehydrogenase 1 inhibitors. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 158-162.	3.2	13
140	Human HSD17B1 expression masculinizes transgenic female mice. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 163-168.	3.2	25
141	Response to Dr. Katzaki. <i>Molecular and Cellular Endocrinology</i> , 2009, 313, 71-71.	3.2	0
142	Increased Endogenous Estrogen Synthesis Leads to the Sequential Induction of Prostatic Inflammation (Prostatitis) and Prostatic Pre-Malignancy. <i>American Journal of Pathology</i> , 2009, 175, 1187-1199.	3.8	72
143	Overexpression of Human Hydroxysteroid (17 β) Dehydrogenase 2 Induces Disturbance in Skeletal Development in Young Male Mice. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1217-1226.	2.8	13
144	The Androgen and Progesterone Receptors Regulate Distinct Gene Networks and Cellular Functions in Decidualizing Endometrium. <i>Endocrinology</i> , 2008, 149, 4462-4474.	2.8	140

#	ARTICLE	IF	CITATIONS
145	Placenta Defects and Embryonic Lethality Resulting from Disruption of Mouse Hydroxysteroid (17 β) Dehydrogenase 2 Gene. <i>Molecular Endocrinology</i> , 2008, 22, 665-675.	3.7	27
146	Transgenic Male Mice Expressing Human Hydroxysteroid Dehydrogenase 2 Indicate a Role for the Enzyme Independent of Its Action on Sex Steroids. <i>Endocrinology</i> , 2007, 148, 3827-3836.	2.8	20
147	Bfk, a Novel Member of the Bcl2 Gene Family, Is Highly Expressed in Principal Cells of the Mouse Epididymis and Demonstrates a Predominant Nuclear Localization. <i>Endocrinology</i> , 2007, 148, 3196-3204.	2.8	13
148	Human Chorionic Gonadotropin (hCG) Up-Regulates wnt5b and wnt7b in the Mammary Gland, and hCG β Transgenic Female Mice Present with Mammary Gland Tumors Exhibiting Characteristics of the Wnt/ β -Catenin Pathway Activation. <i>Endocrinology</i> , 2007, 148, 3694-3703.	2.8	28
149	Activation of Androgens by Hydroxysteroid (17 β) Dehydrogenase 1 in Vivo as a Cause of Prenatal Masculinization and Ovarian Benign Serous Cystadenomas. <i>Molecular Endocrinology</i> , 2007, 21, 2627-2636.	3.7	24
150	The Transcriptional Corepressor RIP140 Regulates Oxidative Metabolism in Skeletal Muscle. <i>Cell Metabolism</i> , 2007, 6, 236-245.	16.2	174
151	Phenotypic characterisation of mice with exaggerated and missing LH/hCG action. <i>Molecular and Cellular Endocrinology</i> , 2007, 260-262, 255-263.	3.2	17
152	Extragenadal LH/hCG actionâ€”Not yet time to rewrite textbooks. <i>Molecular and Cellular Endocrinology</i> , 2007, 269, 9-16.	3.2	50
153	Delay of Postnatal Maturation Sensitizes the Mouse Prostate to Testosterone-Induced Pronounced Hyperplasia. <i>American Journal of Pathology</i> , 2007, 171, 1013-1022.	3.8	13
154	Male pheromoneâ€”stimulated neurogenesis in the adult female brain: possible role in mating behavior.. <i>Nature Neuroscience</i> , 2007, 10, 1003-1011.	14.8	284
155	Novel epididymal protease inhibitors with Kazal or WAP family domain. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 245-254.	2.1	41
156	Identification of novel epididymal genes by expression profiling and in silico gene discovery. <i>Molecular and Cellular Endocrinology</i> , 2006, 250, 163-168.	3.2	5
157	Genetically modified mouse models in studies of luteinising hormone action. <i>Molecular and Cellular Endocrinology</i> , 2006, 252, 126-135.	3.2	35
158	Transgenic Mice Expressing P450 Aromatase as a Model for Male Infertility Associated with Chronic Inflammation in the Testis. <i>Endocrinology</i> , 2006, 147, 1271-1277.	2.8	69
159	Toward Understanding the Endocrine Regulation of Gonadal Somatic Cells. <i>Endocrinology</i> , 2006, 147, 3662-3665.	2.8	1
160	Human Hydroxysteroid (17 β) Dehydrogenase 1 Expression Enhances Estrogen Sensitivity of MCF-7 Breast Cancer Cell Xenografts. <i>Endocrinology</i> , 2006, 147, 5333-5339.	2.8	56
161	Angiogenic activity of human chorionic gonadotropin through LH receptor activation on endothelial and epithelial cells of the endometrium. <i>FASEB Journal</i> , 2006, 20, 2630-2632.	0.5	144
162	Differential Endocrine Regulation of Genes Enriched in Initial Segment and Distal Caput of the Mouse Epididymis as Revealed by Genome-Wide Expression Profiling1. <i>Biology of Reproduction</i> , 2006, 75, 240-251.	2.7	37

#	ARTICLE	IF	CITATIONS
163	Fetal but not adult Leydig cells are susceptible to adenoma formation in response to persistently high hCG level: a study on hCG overexpressing transgenic mice. <i>Oncogene</i> , 2005, 24, 7301-7309.	5.9	45
164	Discovery and characterization of new epididymis-specific beta-defensins in mice. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2005, 1730, 22-30.	2.4	28
165	Testosterone Replacement Therapy Induces Spermatogenesis and Partially Restores Fertility in Luteinizing Hormone Receptor Knockout Mice. <i>Endocrinology</i> , 2005, 146, 596-606.	2.8	104
166	Mouse Cysteine-Rich Secretory Protein 4 (CRISP4): A Member of the Crisp Family Exclusively Expressed in the Epididymis in an Androgen-Dependent Manner ¹ . <i>Biology of Reproduction</i> , 2005, 72, 1268-1274.	2.7	74
167	Knockout of Luteinizing Hormone Receptor Abolishes the Effects of Follicle-Stimulating Hormone on Preovulatory Maturation and Ovulation of Mouse Graafian Follicles. <i>Molecular Endocrinology</i> , 2005, 19, 2591-2602.	3.7	68
168	Multiple sites of tumorigenesis in transgenic mice overproducing hCG. <i>Molecular and Cellular Endocrinology</i> , 2005, 234, 117-126.	3.2	35
169	Fertility in luteinizing hormone receptor-knockout mice after wild-type ovary transplantation demonstrates redundancy of extragonadal luteinizing hormone action. <i>Journal of Clinical Investigation</i> , 2005, 115, 1862-1868.	8.2	37
170	Immortalization of Epididymal Epithelium in Transgenic Mice Expressing Simian Virus 40 T Antigen: Characterization of Cell Lines and Regulation of the Polyoma Enhancer Activator 3. <i>Endocrinology</i> , 2004, 145, 437-446.	2.8	30
171	Bmx Tyrosine Kinase Transgene Induces Skin Hyperplasia, Inflammatory Angiogenesis, and Accelerated Wound Healing. <i>Molecular Biology of the Cell</i> , 2004, 15, 4226-4233.	2.1	32
172	Indirect Sertoli Cell-Mediated Ablation of Germ Cells in Mice Expressing the Inhibin- β Promoter/Herpes Simplex Virus Thymidine Kinase Transgene ¹ . <i>Biology of Reproduction</i> , 2004, 71, 1545-1550.	2.7	14
173	Skeletal Changes in Transgenic Male Mice Expressing Human Cytochrome P450 Aromatase. <i>Journal of Bone and Mineral Research</i> , 2004, 19, 1320-1328.	2.8	19
174	Molecular Characterization of Postnatal Development of Testicular Steroidogenesis in Luteinizing Hormone Receptor Knockout Mice. <i>Endocrinology</i> , 2004, 145, 1453-1463.	2.8	116
175	Multiple Structural and Functional Abnormalities in the P450 Aromatase Expressing Transgenic Male Mice Are Ameliorated by a P450 Aromatase Inhibitor. <i>American Journal of Pathology</i> , 2004, 164, 1039-1048.	3.8	41
176	Epididymis-specific promoter-driven gene targeting: a new approach to control epididymal function?. <i>Molecular and Cellular Endocrinology</i> , 2004, 216, 15-22.	3.2	4
177	Immortalization by large T-antigen of the adult epididymal duct epithelium. <i>Molecular and Cellular Endocrinology</i> , 2004, 216, 83-94.	3.2	28
178	Mouse models of infertility due to swollen spermatozoa. <i>Molecular and Cellular Endocrinology</i> , 2004, 216, 55-63.	3.2	54
179	High levels of luteinizing hormone analog stimulate gonadal and adrenal tumorigenesis in mice transgenic for the mouse inhibin- β -subunit promoter/Simian virus 40 T-antigen fusion gene. <i>Oncogene</i> , 2003, 22, 3269-3278.	5.9	39
180	Discovery in Silico and Characterization in Vitro of Novel Genes Exclusively Expressed in the Mouse Epididymis. <i>Molecular Endocrinology</i> , 2003, 17, 2138-2151.	3.7	59

#	ARTICLE	IF	CITATIONS
181	Female mice carrying a ubiquitin promoter-Ins13 transgene have descended ovaries and inguinal hernias but normal fertility. <i>Molecular and Cellular Endocrinology</i> , 2003, 206, 159-166.	3.2	41
182	Phenotype characteristics of transgenic male mice expressing human aromatase under ubiquitin C promoter. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 86, 469-476.	2.5	31
183	Adenosine Triphosphate Induces Ca ²⁺ Signal in Epithelial Cells of the Mouse Caput Epididymis Through Activation of P2X and P2Y Purinergic Receptors1. <i>Biology of Reproduction</i> , 2003, 68, 1185-1192.	2.7	21
184	The low gonadotropin-independent constitutive production of testicular testosterone is sufficient to maintain spermatogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13692-13697.	7.1	119
185	Overexpression of Bcl-w in the Testis Disrupts Spermatogenesis: Revelation of a Role of BCL-W in Male Germ Cell Cycle Control. <i>Molecular Endocrinology</i> , 2003, 17, 1868-1879.	3.7	31
186	Elevated Steroidogenesis, Defective Reproductive Organs, and Infertility in Transgenic Male Mice Overexpressing Human Chorionic Gonadotropin. <i>Endocrinology</i> , 2003, 144, 4980-4990.	2.8	75
187	Obesity in transgenic female mice with constitutively elevated luteinizing hormone secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E812-E818.	3.5	23
188	Sperm Volume Regulation: Maturation Changes in Fertile and Infertile Transgenic Mice and Association with Kinematics and Tail Angulation1. <i>Biology of Reproduction</i> , 2002, 67, 269-275.	2.7	74
189	Transgenic Mice Harboring Murine Luteinizing Hormone Receptor Promoter/ β -Galactosidase Fusion Genes: Different Structural and Hormonal Requirements of Expression in the Testis, Ovary, and Adrenal Gland. <i>Endocrinology</i> , 2002, 143, 4096-4103.	2.8	8
190	Epididymal Dysfunction Initiated by the Expression of Simian Virus 40 T-Antigen Leads to Angulated Sperm Flagella and Infertility in Transgenic Mice. <i>Molecular Endocrinology</i> , 2002, 16, 2603-2617.	3.7	50
191	Mammary Gland Development in Transgenic Male Mice Expressing Human P450 Aromatase. <i>Endocrinology</i> , 2002, 143, 4074-4083.	2.8	39
192	Reproductive Disturbances, Pituitary Lactotrope Adenomas, and Mammary Gland Tumors in Transgenic Female Mice Producing High Levels of Human Chorionic Gonadotropin. <i>Endocrinology</i> , 2002, 143, 4084-4095.	2.8	109
193	A fluorescent Tie1 reporter allows monitoring of vascular development and endothelial cell isolation from transgenic mouse embryos. <i>FASEB Journal</i> , 2002, 16, 1764-1774.	0.5	49
194	Infravesical Obstruction in Aromatase Over Expressing Transgenic Male Mice With Increased Ratio of Serum Estrogen-To-Androgen Concentration. <i>Journal of Urology</i> , 2002, 168, 298-302.	0.4	18
195	Transgenic and knockout mouse models for the study of luteinizing hormone and luteinizing hormone receptor function. <i>Molecular and Cellular Endocrinology</i> , 2002, 187, 49-56.	3.2	37
196	Developmental, Estrogen Induced Infravesical Obstruction is Reversible in Adult Male Rodents. <i>Journal of Urology</i> , 2002, 168, 2263-2268.	0.4	10
197	Murine Relaxin-Like Factor Promoter: Functional Characterization and Regulation by Transcription Factors Steroidogenic Factor 1 and DAX-1. <i>Endocrinology</i> , 2002, 143, 909-919.	2.8	20
198	Infravesical obstruction in aromatase over expressing transgenic male mice with increased ratio of serum estrogen-to-androgen concentration. <i>Journal of Urology</i> , 2002, 168, 298-302.	0.4	10

#	ARTICLE	IF	CITATIONS
199	Normal Prenatal but Arrested Postnatal Sexual Development of Luteinizing Hormone Receptor Knockout (LuRKO) Mice. <i>Molecular Endocrinology</i> , 2001, 15, 172-183.	3.7	476
200	Improved Technique for Detection of Enhanced Green Fluorescent Protein in Transgenic Mice. <i>BioTechniques</i> , 2001, 30, 1282-1285.	1.8	16
201	Structure of the 5' region of the Hst70 gene transcription unit: presence of an intron and multiple transcription initiation sites. <i>Biochemical Journal</i> , 2001, 359, 129.	3.7	7
202	Structure of the 5' region of the Hst70 gene transcription unit: presence of an intron and multiple transcription initiation sites. <i>Biochemical Journal</i> , 2001, 359, 129-137.	3.7	7
203	Evaluation of the 5'-Flanking Regions of Murine Glutathione Peroxidase Five and Cysteine-Rich Secretory Protein-1 Genes for Directing Transgene Expression in Mouse Epididymis1. <i>Biology of Reproduction</i> , 2001, 64, 1115-1121.	2.7	21
204	Promoter Function of Different Lengths of the Murine Luteinizing Hormone Receptor Gene 5'-Flanking Region in Transfected Gonadal Cells and in Transgenic Mice1. <i>Endocrinology</i> , 2001, 142, 2427-2434.	2.8	22
205	A Novel Transgenic Model to Characterize the Specific Effects of Follicle-Stimulating Hormone on Gonadal Physiology in the Absence of Luteinizing Hormone Actions*. <i>Endocrinology</i> , 2001, 142, 2213-2220.	2.8	73
206	Altered Structure and Function of Reproductive Organs in Transgenic Male Mice Overexpressing Human Aromatase*. <i>Endocrinology</i> , 2001, 142, 2435-2442.	2.8	149
207	Promoter Function of Different Lengths of the Murine Luteinizing Hormone Receptor Gene 5'-Flanking Region in Transfected Gonadal Cells and in Transgenic Mice. <i>Endocrinology</i> , 2001, 142, 2427-2434.	2.8	8
208	Altered Structure and Function of Reproductive Organs in Transgenic Male Mice Overexpressing Human Aromatase. <i>Endocrinology</i> , 2001, 142, 2435-2442.	2.8	48
209	Activin-A, but not inhibin, regulates 17 β -hydroxysteroid dehydrogenase type 1 activity and expression in cultured rat granulosa cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2000, 73, 203-210.	2.5	13
210	Elevated luteinizing hormone induces expression of its receptor and promotes steroidogenesis in the adrenal cortex. <i>Journal of Clinical Investigation</i> , 2000, 105, 633-641.	8.2	140
211	A Common Polymorphism in the Human Relaxin-Like Factor (RLF) Gene: No Relationship with Cryptorchidism. <i>Pediatric Research</i> , 2000, 47, 538-541.	2.3	66
212	Age- and Sex-Specific Promoter Function of a 2-Kilobase 5'-Flanking Sequence of the Murine Luteinizing Hormone Receptor Gene in Transgenic Mice1. <i>Endocrinology</i> , 1999, 140, 5322-5329.	2.8	31
213	17 β -hydroxysteroid dehydrogenases in normal human mammary epithelial cells and breast tissue. <i>Breast Cancer Research and Treatment</i> , 1999, 57, 175-182.	2.5	58
214	Age- and Sex-Specific Promoter Function of a 2-Kilobase 5'-Flanking Sequence of the Murine Luteinizing Hormone Receptor Gene in Transgenic Mice. <i>Endocrinology</i> , 1999, 140, 5322-5329.	2.8	9
215	Characterization of rat 17 β -hydroxysteroid dehydrogenase type 1 gene and mRNA transcripts. <i>Gene</i> , 1998, 208, 229-238.	2.2	13
216	17 β -Hydroxysteroid Dehydrogenase Type 1 in Normal Breast Tissue during the Menstrual Cycle and Hormonal Contraception1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 1190-1193.	3.6	15

#	ARTICLE	IF	CITATIONS
217	Expression of 17 β -Hydroxysteroid Dehydrogenase Type 1 and Type 2, P450 Aromatase, and 20 α -Hydroxysteroid Dehydrogenase Enzymes in Immature, Mature, and Pregnant Rats*. Endocrinology, 1997, 138, 2886-2892.	2.8	57
218	Characterization of Structural and Functional Properties of Human 17 β -Hydroxysteroid Dehydrogenase Type 1 Using Recombinant Enzymes and Site-Directed Mutagenesis. Molecular Endocrinology, 1997, 11, 77-86.	3.7	53
219	Origin of Substrate Specificity of Human and Rat 17 β -Hydroxysteroid Dehydrogenase Type 1, Using Chimeric Enzymes and Site-Directed Substitutions*. Endocrinology, 1997, 138, 3532-3539.	2.8	61
220	Ontogeny of 17 β -hydroxysteroid dehydrogenase type 2 mRNA expression in the developing mouse placenta and fetus. Molecular and Cellular Endocrinology, 1997, 134, 33-40.	3.2	26
221	Growth factors and phorbol-12-myristate-13-acetate modulate the follicle-stimulating hormone- and cyclic adenosine-3',5'-monophosphate-dependent regulation of 17 β -hydroxysteroid dehydrogenase type 1 expression in rat granulosa cells. Molecular and Cellular Endocrinology, 1997, 136, 47-56.	3.2	13
222	Expression of 17 β -Hydroxysteroid Dehydrogenase Type 1 and Type 2, P450 Aromatase, and 20 α -Hydroxysteroid Dehydrogenase Enzymes in Immature, Mature, and Pregnant Rats. Endocrinology, 1997, 138, 2886-2892.	2.8	21
223	Origin of Substrate Specificity of Human and Rat 17 β -Hydroxysteroid Dehydrogenase Type 1, Using Chimeric Enzymes and Site-Directed Substitutions. Endocrinology, 1997, 138, 3532-3539.	2.8	26
224	Characterization of 17 β -hydroxysteroid dehydrogenase isoenzyme expression in benign and malignant human prostate. , 1996, 66, 37-41.		61
225	Regulation of Oestrogen Action: Role of 17 β -hydroxysteroid Dehydrogenases. Annals of Medicine, 1995, 27, 675-682.	3.8	26
226	Role of 17 β -hydroxysteroid dehydrogenase type 1 in endocrine and intracrine estradiol biosynthesis. Journal of Steroid Biochemistry and Molecular Biology, 1995, 55, 525-532.	2.5	97
227	Human familial and sporadic breast cancer: analysis of the coding regions of the 17 β -hydroxysteroid dehydrogenase 2 gene (EDH17B2) using a single-strand conformation polymorphism assay. Human Genetics, 1994, 93, 319-324.	3.8	56
228	A Point Mutation in the Putative TATA Box, Detected in Nondiseased Individuals and Patients with Hereditary Breast Cancer, Decreases Promoter Activity of the 17 β -Hydroxysteroid Dehydrogenase Type 1 Gene 2 (EDH17B2) in Vitro. Genomics, 1994, 23, 250-252.	2.9	34