Peter A Koopman

List of Publications by Year
in descending order

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266	28,259	78	160
papers	citations	h-index	g-index
		7069	5965

280	280	280	19280
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<i>Pkd1</i> and <i>Wnt5a</i> genetically interact to control lymphatic vascular morphogenesis in mice. Developmental Dynamics, 2022, 251, 336-349.	0.8	3
2	Two ovarian candidate enhancers, identified by time series enhancer RNA analyses, harbor rare genetic variations identified in ovarian insufficiency. Human Molecular Genetics, 2022, 31, 2223-2235.	1.4	3
3	Functional Analysis of Mmd2 and Related PAQR Genes During Sex Determination in Mice. Sexual Development, 2022, 16, 270-282.	1.1	2
4	Generation and mutational analysis of a transgenic mouse model of human <i>SRY</i>. Human Mutation, 2022, 43, 362-379.	1.1	3
5	Identification of regulatory elements required for <i>Stra8</i> expression in fetal ovarian germ cells of the mouse. Development (Cambridge), 2021, 148, .	1.2	16
6	A dominant-negative SOX18 mutant disrupts multiple regulatory layers essential to transcription factor activity. Nucleic Acids Research, 2021, 49, 10931-10955.	6.5	7
7	The mouse <i>Sry</i> locus harbors a cryptic exon that is essential for male sex determination. Science, 2020, 370, 121-124.	6.0	38
8	Ovotesticular disorders of sex development in FGF9 mouse models of human synostosis syndromes. Human Molecular Genetics, 2020, 29, 2148-2161.	1.4	8
9	Endocardium differentiation through Sox17 expression in endocardium precursor cells regulates heart development in mice. Scientific Reports, 2019, 9, 11953.	1.6	23
10	<i>Nr5a1</i> suppression during the fetal period optimizes ovarian development by fine-tuning of Notch signaling. Journal of Cell Science, 2019, 132, .	1.2	3
11	Genome-Wide Off-Target Analysis in CRISPR-Cas9 Modified Mice and Their Offspring. G3: Genes, Genomes, Genetics, 2019, 9, 3645-3651.	0.8	26
12	RNA binding protein Musashiâ€2 regulates PIWIL1 and TBX1 in mouse spermatogenesis. Journal of Cellular Physiology, 2018, 233, 3262-3273.	2.0	7
13	Human sex reversal is caused by duplication or deletion of core enhancers upstream of SOX9. Nature Communications, 2018, 9, 5319.	5.8	116
14	Retinoic Acid Antagonizes Testis Development in Mice. Cell Reports, 2018, 24, 1330-1341.	2.9	46
15	Transcriptomic analysis of mRNA expression and alternative splicing during mouse sex determination. Molecular and Cellular Endocrinology, 2018, 478, 84-96.	1.6	39
16	Mutant NR5A1/SF-1 in patients with disorders of sex development shows defective activation of the<i>SOX9</i>TESCO enhancer. Human Mutation, 2018, 39, 1861-1874.	1.1	12
17	SOX4 regulates gonad morphogenesis and promotes male germ cell differentiation in mice. Developmental Biology, 2017, 423, 46-56.	0.9	39
18	Small-Molecule Inhibitors of the SOX18 Transcription Factor. Cell Chemical Biology, 2017, 24, 346-359.	2.5	42

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19	Reduced Activity of SRY and its Target Enhancer Sox9-TESCO in a Mouse Species with X*Y Sex Reversal. Scientific Reports, 2017, 7, 41378.	1.6	13
20	Sex Determination in the Mammalian Germline. Annual Review of Genetics, 2017, 51, 265-285.	3.2	68
21	SOX30 is required for male fertility in mice. Scientific Reports, 2017, 7, 17619.	1.6	50
22	Testis Determination Requires a Specific FGFR2 Isoform to Repress FOXL2. Endocrinology, 2017, 158, 3832-3843.	1.4	40
23	Normal Levels of Sox9 Expression in the Developing Mouse Testis Depend on the TES/TESCO Enhancer, but This Does Not Act Alone. PLoS Genetics, 2017, 13, e1006520.	1.5	52
24	Development of the Testis. , 2017, , .		1
25	Mice Lacking Hbp1 Function Are Viable and Fertile. PLoS ONE, 2017, 12, e0170576.	1.1	3
26	Pharmacological targeting of the transcription factor SOX18 delays breast cancer in mice. ELife, 2017, 6, .	2.8	50
27	Germ cells influence cord formation and leydig cell gene expression during mouse testis development. Developmental Dynamics, 2016, 245, 433-444.	0.8	11
28	Disorders of sex development: insights from targeted gene sequencing of a large international patient cohort. Genome Biology, 2016, 17, 243.	3.8	241
29	Of sex and determination: marking 25â€…years of Randy, the sex-reversed mouse. Development (Cambridge), 2016, 143, 1633-1637.	1.2	18
30	SOX9 regulates expression of the male fertility gene Ets variant factor 5 (ETV5) during mammalian sex development. International Journal of Biochemistry and Cell Biology, 2016, 79, 41-51.	1.2	15
31	Intrauterine Exposure to Paracetamol and Aniline Impairs Female Reproductive Development by Reducing Follicle Reserves and Fertility. Toxicological Sciences, 2016, 150, 178-189.	1.4	59
32	Cripto: Expression, epigenetic regulation and potential diagnostic use in testicular germ cell tumors. Molecular Oncology, 2016, 10, 526-537.	2.1	27
33	The Curious World of Gonadal Development in Mammals. Current Topics in Developmental Biology, 2016, 116, 537-545.	1.0	17
34	Global Disorders of Sex Development Update since 2006: Perceptions, Approach and Care. Hormone Research in Paediatrics, 2016, 85, 158-180.	0.8	852
35	ALDH1A1 provides a source of meiosis-inducing retinoic acid in mouse fetal ovaries. Nature Communications, 2016, 7, 10845.	5.8	68
36	Conservation analysis of sequences flanking the testis-determining gene Sry in 17 mammalian species. BMC Developmental Biology, 2015, 15, 34.	2.1	5

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37	Rapid Screening of Gene Function by Systemic Delivery of Morpholino Oligonucleotides to Live Mouse Embryos. PLoS ONE, 2015, 10, e0114932.	1.1	8
38	Specific interaction with the nuclear transporter importin Î±2 can modulate paraspeckle protein 1 delivery to nuclear paraspeckles. Molecular Biology of the Cell, 2015, 26, 1543-1558.	0.9	8
39	Female-to-male sex reversal in mice caused by transgenic overexpression of <i>Dmrt1</i>. Development (Cambridge), 2015, 142, 1083-8.	1.2	81
40	ROBO2 restricts the nephrogenic field and regulates Wolffian ductâ€“nephrogenic cord separation. Developmental Biology, 2015, 404, 88-102.	0.9	37
41	On the role of germ cells in mammalian gonad development: quiet passengers or back-seat drivers?. Reproduction, 2015, 149, R181-R191.	1.1	17
42	Whole exome sequencing combined with linkage analysis identifies a novel 3â€‰bp deletion in NR5A1. European Journal of Human Genetics, 2015, 23, 486-493.	1.4	27
43	RNA binding protein Musashiâ€1 directly targets Msi2 and Erh during early testis germ cell development and interacts with IPO5 upon translocation to the nucleus. FASEB Journal, 2015, 29, 2759-2768.	0.2	25
44	Purification and Transcriptomic Analysis of Mouse Fetal Leydig Cells Reveals Candidate Genes for Specification of Gonadal Steroidogenic Cells1. Biology of Reproduction, 2015, 92, 145.	1.2	51
45	<i>FGFR2</i>mutation in 46,XY sex reversal with craniosynostosis. Human Molecular Genetics, 2015, 24, 6699-6710.	1.4	44
46	ApiggyBactransposon- and gateway-enhanced system for efficient BAC transgenesis. Developmental Dynamics, 2014, 243, C1-C1.	0.8	0
47	Structureâ€“function analysis of mouse Sry reveals dual essential roles of the C-terminal polyglutamine tract in sex determination. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11768-11773.	3.3	36
48	Control of mammalian germ cell entry into meiosis. Molecular and Cellular Endocrinology, 2014, 382, 488-497.	1.6	123
49	FOXL2 transcriptionally represses<i>Sf1</i>expression by antagonizing WT1 during ovarian development in mice. FASEB Journal, 2014, 28, 2020-2028.	0.2	44
50	Control of retinoid levels by CYP26B1 is important for lymphatic vascular development in the mouse embryo. Developmental Biology, 2014, 386, 25-33.	0.9	41
51	VEGFD regulates blood vascular development by modulating SOX18 activity. Blood, 2014, 123, 1102-1112.	0.6	65
52	A <i>piggyBac</i> transposonâ€•and gatewayâ€enhanced system for efficient BAC transgenesis. Developmental Dynamics, 2014, 243, 1086-1094.	0.8	19
53	Primary cilia function regulates the length of the embryonic trunk axis and urogenital field in mice. Developmental Biology, 2014, 395, 342-354.	0.9	22
54	Switching on sex: transcriptional regulation of the testis-determining gene <i>Sry</i>. Development (Cambridge), 2014, 141, 2195-2205.	1.2	113

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55	Developmental Expression of Musashi-1 and Musashi-2 RNA-Binding Proteins During Spermatogenesis: Analysis of the Deleterious Effects of Dysregulated Expression1. Biology of Reproduction, 2014, 90, 92.	1.2	29
56	A Site-Specific, Single-Copy Transgenesis Strategy to Identify 5â€² Regulatory Sequences of the Mouse Testis-Determining Gene Sry. PLoS ONE, 2014, 9, e94813.	1.1	5
57	Building the mammalian testis: origins, differentiation, and assembly of the component cell populations. Genes and Development, 2013, 27, 2409-2426.	2.7	326
58	The nuclear import factor importin Î±4 can protect against oxidative stress. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 2348-2356.	1.9	13
59	Epigenetic Regulation of Mouse Sex Determination by the Histone Demethylase Jmjd1a. Science, 2013, 341, 1106-1109.	6.0	217
60	Precious Cargo: Regulation of Sex-Specific Germ Cell Development in Mice. Sexual Development, 2013, 7, 46-60.	1.1	12
61	SOX9 Regulates MicroRNA miR-202-5p/3p Expression During Mouse Testis Differentiation1. Biology of Reproduction, 2013, 89, 34.	1.2	97
62	Nodal/Cripto signaling in fetal male germ cell development: implications for testicular germ cell tumors. International Journal of Developmental Biology, 2013, 57, 211-219.	0.3	25
63	Loss of GGN Leads to Pre-Implantation Embryonic Lethality and Compromised Male Meiotic DNA Double Strand Break Repair in the Mouse. PLoS ONE, 2013, 8, e56955.	1.1	14
64	Loss of Wnt5a Disrupts Primordial Germ Cell Migration and Male Sexual Development in Mice1. Biology of Reproduction, 2012, 86, 1-12.	1.2	73
65	Initiating Meiosis: The Case for Retinoic Acid1. Biology of Reproduction, 2012, 86, 35.	1.2	134
66	Transcription Factors ER71/ETV2 and SOX9 Participate in a Positive Feedback Loop in Fetal and Adult Mouse Testis. Journal of Biological Chemistry, 2012, 287, 23657-23666.	1.6	32
67	Redd1 Is a Novel Marker of Testis Development but Is Not Required for Normal Male Reproduction. Sexual Development, 2012, 6, 223-230.	1.1	4
68	Wnt Signaling in Ovarian Development Inhibits Sf1 Activation of Sox9 via the Tesco Enhancer. Endocrinology, 2012, 153, 901-912.	1.4	62
69	A multi-exon deletion within WWOX is associated with a 46,XY disorder of sex development. European Journal of Human Genetics, 2012, 20, 348-351.	1.4	48
70	The Molecular Genetics of Sex Determination and Sex Reversal in Mammals. Seminars in Reproductive Medicine, 2012, 30, 351-363.	0.5	55
71	Male sex determination: insights into molecular mechanisms. Asian Journal of Andrology, 2012, 14, 164-171.	0.8	59
72	CITED2 mutations potentially cause idiopathic premature ovarian failure. Translational Research, 2012, 160, 384-388.	2.2	15

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73	Endogenous Nodal signaling regulates germ cell potency during mammalian testis development. Development (Cambridge), 2012, 139, 4123-4132.	1.2	99
74	Regulation of germ cell meiosis in the fetal ovary. International Journal of Developmental Biology, 2012, 56, 779-787.	0.3	29
75	Cytoplasmic Plaque Formation in Hemidesmosome Development Is Dependent on SoxF Transcription Factor Function. PLoS ONE, 2012, 7, e43857.	1.1	8
76	Three-Dimensional Imaging of Prox1-EGFP Transgenic Mouse Gonads Reveals Divergent Modes of Lymphangiogenesis in the Testis and Ovary. PLoS ONE, 2012, 7, e52620.	1.1	46
77	Tumor Lymphangiogenesis as a Potential Therapeutic Target. Journal of Oncology, 2012, 2012, 1-23.	0.6	74
78	Genetic Ablation of SOX18 Function Suppresses Tumor Lymphangiogenesis and Metastasis of Melanoma in Mice. Cancer Research, 2012, 72, 3105-3114.	0.4	56
79	Cbx2, a Polycomb Group Gene, Is Required for Sry Gene Expression in Mice. Endocrinology, 2012, 153, 913-924.	1.4	131
80	Segmental territories along the cardinal veins generate lymph sacs via a ballooning mechanism during embryonic lymphangiogenesis in mice. Developmental Biology, 2012, 364, 89-98.	0.9	78
81	SRY protein function in sex determination: thinking outside the box. Chromosome Research, 2012, 20, 153-162.	1.0	48
82	Identification of Novel Markers of Mouse Fetal Ovary Development. PLoS ONE, 2012, 7, e41683.	1.1	42
83	Antagonistic regulation of<i>Cyp26b1</i>by transcription factors SOX9/SF1 and FOXL2 during gonadal development in mice. FASEB Journal, 2011, 25, 3561-3569.	0.2	83
84	Expression of distinct RNAs from 3â€² untranslated regions. Nucleic Acids Research, 2011, 39, 2393-2403.	6.5	185
85	Tmem26 Is Dynamically Expressed during Palate and Limb Development but Is Not Required for Embryonic Survival. PLoS ONE, 2011, 6, e25228.	1.1	6
86	Expansion of the Ago gene family in the teleost clade. Development Genes and Evolution, 2011, 221, 95-104.	0.4	9
87	Analysis of Gene Function in Cultured Embryonic Mouse Gonads Using Nucleofection. Sexual Development, 2011, 5, 7-15.	1.1	12
88	FOXL2 and BMP2 Act Cooperatively to Regulate Follistatin Gene Expression during Ovarian Development. Endocrinology, 2011, 152, 272-280.	1.4	89
89	Inhibition of SRY-Calmodulin Complex Formation Induces Ectopic Expression of Ovarian Cell Markers in Developing XY Gonads. Endocrinology, 2011, 152, 2883-2893.	1.4	13
90	Uncovering Gene Regulatory Networks During Mouse Fetal Germ Cell Development. Biology of Reproduction, 2011, 84, 790-800.	1.2	29

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91	Expression and Functional Analysis of Dkk1 during Early Gonadal Development. Sexual Development, 2011, 5, 124-130.	1.1	15
92	<i>Prokr2-</i>Deficient Mice Display Vascular Dysmorphology of the Fetal Testes: Potential Implications for Kallmann Syndrome Aetiology. Sexual Development, 2011, 5, 294-303.	1.1	9
93	Sox Factors Transcriptionally Regulate ROBO4 Gene Expression in Developing Vasculature in Zebrafish. Journal of Biological Chemistry, 2011, 286, 30740-30747.	1.6	15
94	Defective survival of proliferating Sertoli cells and androgen receptor function in a mouse model of the ATR-X syndrome. Human Molecular Genetics, 2011, 20, 2213-2224.	1.4	59
95	Cell Cycle Control of Germ Cell Differentiation. Results and Problems in Cell Differentiation, 2011, 53, 269-308.	0.2	6
96	Copy Number Variation in Patients with Disorders of Sex Development Due to 46,XY Gonadal Dysgenesis. PLoS ONE, 2011, 6, e17793.	1.1	116
97	Insights into the Aetiology of Ovotesticular DSD from Studies of Mouse Ovotestes. Advances in Experimental Medicine and Biology, 2011, 707, 55-56.	0.8	1
98	Protein tyrosine kinase 2 beta (PTK2B), but not focal adhesion kinase (FAK), is expressed in a sexually dimorphic pattern in developing mouse gonads. Developmental Dynamics, 2010, 239, 2735-2741.	0.8	9
99	Molecular characterization of the Bidder's organ in the cane toad (<i>Bufo marinus</i>). Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2010, 314B, 503-513.	0.6	6
100	The delicate balance between male and female sex determining pathways: potential for disruption of early steps in sexual development. Journal of Developmental and Physical Disabilities, 2010, 33, 252-258.	3.6	32
101	Sex determination in mammalian germ cells: extrinsic versus intrinsic factors. Reproduction, 2010, 139, 943-958.	1.1	102
102	Sox10 gain-of-function causes XX sex reversal in mice: implications for human 22q-linked disorders of sex development. Human Molecular Genetics, 2010, 19, 506-516.	1.4	149
103	Retinoblastoma 1 Protein Modulates XY Germ Cell Entry into G1/G0 Arrest During Fetal Development in Mice1. Biology of Reproduction, 2010, 82, 433-443.	1.2	55
104	<i>Sry</i>: the master switch in mammalian sex determination. Development (Cambridge), 2010, 137, 3921-3930.	1.2	281
105	A Male-Specific Role for p38 Mitogen-Activated Protein Kinase in Germ Cell Sex Differentiation in Mice1. Biology of Reproduction, 2010, 83, 1005-1014.	1.2	26
106	Preface. Current Topics in Developmental Biology, 2010, 90, xiii-xiv.	1.0	2
107	Gonadal defects in Cited2 -mutant mice indicate a role for SF1 in both testis and ovary differentiation. International Journal of Developmental Biology, 2010, 54, 683-689.	0.3	46
108	Mouse germ cell development: From specification to sex determination. Molecular and Cellular Endocrinology, 2010, 323, 76-93.	1.6	115

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109	Conserved regulatory modules in the Sox9 testis-specific enhancer predict roles for SOX, TCF/LEF, Forkhead, DMRT, and GATA proteins in vertebrate sex determination. International Journal of Biochemistry and Cell Biology, 2010, 42, 472-477.	1.2	84
110	SoxF genes: Key players in the development of the cardio-vascular system. International Journal of Biochemistry and Cell Biology, 2010, 42, 445-448.	1.2	137
111	FGF9 Suppresses Meiosis and Promotes Male Germ Cell Fate in Mice. Developmental Cell, 2010, 19, 440-449.	3.1	221
112	GUDMAP - An Online GenitoUrinary Resource. Nature Precedings, 2009, , .	0.1	0
113	Profiles of Gonadal Gene Expression in the Developing Bovine Embryo. Sexual Development, 2009, 3, 273-283.	1.1	21
114	A cell-autonomous role for WT1 in regulating Sry in vivo. Human Molecular Genetics, 2009, 18, 3429-3438.	1.4	62
115	Vascular defects in a mouse model of hypotrichosis-lymphedema-telangiectasia syndrome indicate a role for SOX18 in blood vessel maturation. Human Molecular Genetics, 2009, 18, 2839-2850.	1.4	48
116	Sox9-dependent expression of Gstm6 in Sertoli cells during testis development in mice. Reproduction, 2009, 137, 481-486.	1.1	10
117	<i>Sox7</i> and <i>Sox17</i> are strain-specific modifiers of the lymphangiogenic defects caused by <i>Sox18</i> dysfunction in mice. Development (Cambridge), 2009, 136, 2385-2391.	1.2	82
118	Loss of Mitogen-Activated Protein Kinase Kinase Kinase 4 (MAP3K4) Reveals a Requirement for MAPK Signalling in Mouse Sex Determination. PLoS Biology, 2009, 7, e1000196.	2.6	130
119	The Cerebellin 4 Precursor Gene Is a Direct Target of SRY and SOX9 in Mice1. Biology of Reproduction, 2009, 80, 1178-1188.	1.2	44
120	A critical time window of<i>Sry</i>action in gonadal sex determination in mice. Development (Cambridge), 2009, 136, 129-138.	1.2	189
121	Sex determination: the power of DMRT1. Trends in Genetics, 2009, 25, 479-481.	2.9	42
122	Cell cycle analysis of fetal germ cells during sex differentiation in mice. Biology of the Cell, 2009, 101, 587-598.	0.7	28
123	Ex vivo magnetofection: A novel strategy for the study of gene function in mouse organogenesis. Developmental Dynamics, 2009, 238, 956-964.	0.8	19
124	Threeâ€dimensional visualization of testis cord morphogenesis, a novel tubulogenic mechanism in development. Developmental Dynamics, 2009, 238, 1033-1041.	0.8	82
125	Maleâ€specific expression of <i>Aldh1a1</i> in mouse and chicken fetal testes: Implications for retinoid balance in gonad development. Developmental Dynamics, 2009, 238, 2073-2080.	0.8	43
126	Cloning and expression of candidate sexual development genes in the cane toad (<i>Bufo marinus</i>). Developmental Dynamics, 2009, 238, 2430-2441.	0.8	21

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127	Z and W sex chromosomes in the cane toad (Bufo marinus). Chromosome Research, 2009, 17, 1015-1024.	1.0	35
128	Endothelial cell migration directs testis cord formation. Developmental Biology, 2009, 326, 112-120.	0.9	164
129	Antagonism of the testis- and ovary-determining pathways during ovotestis development in mice. Mechanisms of Development, 2009, 126, 324-336.	1.7	102
130	Identification of Suitable Normalizing Genes for Quantitative Real-Time RT-PCR Analysis of Gene Expression in Fetal Mouse Gonads. Sexual Development, 2009, 3, 194-204.	1.1	63
131	Functional analysis of the SRYâ€"KRAB interaction in mouse sex determination. Biology of the Cell, 2009, 101, 55-67.	0.7	15
132	Global Survey of Protein Expression during Gonadal Sex Determination in Mice. Molecular and Cellular Proteomics, 2009, 8, 2624-2641.	2.5	17
133	New insights into SRY regulation through identification of 5' conserved sequences. BMC Molecular Biology, 2008, 9, 85.	3.0	19
134	Onset of meiosis in the chicken embryo; evidence of a role for retinoic acid. BMC Developmental Biology, 2008, 8, 85.	2.1	125
135	Sox18 induces development of the lymphatic vasculature in mice. Nature, 2008, 456, 643-647.	13.7	483
136	Up-regulation of SOX9 in human sex-determining region on the Y chromosome (SRY)-negative XX males. Clinical Endocrinology, 2008, 68, 791-799.	1.2	46
137	Sox8 is a critical regulator of adult Sertoli cell function and male fertility. Developmental Biology, 2008, 316, 359-370.	0.9	92
138	Genesis and Expansion of Metazoan Transcription Factor Gene Classes. Molecular Biology and Evolution, 2008, 25, 980-996.	3.5	262
139	Testis Development, Fertility, and Survival in Ethanolamine Kinase 2-Deficient Mice. Endocrinology, 2008, 149, 6176-6186.	1.4	8
140	Sox18 and Sox7 play redundant roles in vascular development. Blood, 2008, 111, 2657-2666.	0.6	179
141	The Rhox Homeobox Gene Family Shows Sexually Dimorphic and Dynamic Expression During Mouse Embryonic Gonad Development1. Biology of Reproduction, 2008, 79, 468-474.	1.2	30
142	Expression-Based Strategies for Discovery of Genes Involved in Testis and Ovary Development. Novartis Foundation Symposium, 2008, , 240-252.	1.2	5
143	Sex-Determining Cascades in Gonadal Development: Insights from Ovotestes.. Biology of Reproduction, 2008, 78, 278-278.	1.2	1
144	Sex Determination and Gonadal Development in Mammals. Physiological Reviews, 2007, 87, 1-28.	13.1	548

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145	Involvement of Homeobox Genes in Mammalian Sexual Development. Sexual Development, 2007, 1, 12-23.	1.1	27
146	Comparative Analysis of Anti-Mouse SRY Antibodies. Sexual Development, 2007, 1, 305-310.	1.1	14
147	Characterisation of Urogenital Ridge Gene Expression in the Human Embryonal Carcinoma Cell Line NT2/D1. Sexual Development, 2007, 1, 114-126.	1.1	25
148	Sex-specific expression of a novel gene Tmem184a during mouse testis differentiation. Reproduction, 2007, 133, 983-989.	1.1	16
149	SOX9 Regulates Prostaglandin D Synthase Gene Transcription in Vivo to Ensure Testis Development. Journal of Biological Chemistry, 2007, 282, 10553-10560.	1.6	203
150	Sry and the hesitant beginnings of male development. Developmental Biology, 2007, 302, 13-24.	0.9	95
151	Redundant roles of Sox17 and Sox18 in early cardiovascular development of mouse embryos. Biochemical and Biophysical Research Communications, 2007, 360, 539-544.	1.0	155
152	Aard is specifically up-regulated in Sertoli cells during mouse testis differentiation. International Journal of Developmental Biology, 2007, 51, 255-258.	0.3	16
153	A high-resolution anatomical ontology of the developing murine genitourinary tract. Gene Expression Patterns, 2007, 7, 680-699.	0.3	125
154	Sox8 and Sertoli-cell Function. Annals of the New York Academy of Sciences, 2007, 1120, 104-113.	1.8	11
155	Retinoic acid, meiosis and germ cell fate in mammals. Development (Cambridge), 2007, 134, 3401-3411.	1.2	302
156	<i>In Situ</i> Hybridization of Whole-Mount Embryos. , 2006, 326, 103-114.		45
157	Retinoid Signaling Determines Germ Cell Fate in Mice. Science, 2006, 312, 596-600.	6.0	888
158	CXCR4/SDF1 interaction inhibits the primordial to primary follicle transition in the neonatal mouse ovary. Developmental Biology, 2006, 293, 449-460.	0.9	99
159	The makings of maleness: towards an integrated view of male sexual development. Nature Reviews Genetics, 2006, 7, 620-631.	7.7	187
160	The matricellular protein SPARC is internalized in Sertoli, Leydig, and germ cells during testis differentiation. Molecular Reproduction and Development, 2006, 73, 531-539.	1.0	17
161	Comparative proteomic analysis to study molecular events during gonad development in mice. Genesis, 2006, 44, 168-176.	0.8	17
162	Expression profiling of purified mouse gonadal somatic cells during the critical time window of sex determination reveals novel candidate genes for human sexual dysgenesis syndromes. Human Molecular Genetics, 2006, 15, 417-431.	1.4	142

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163	Effect of Disrupted SOX18 Transcription Factor Function on Tumor Growth, Vascularization, and Endothelial Development. Journal of the National Cancer Institute, 2006, 98, 1060-1067.	3.0	78
164	Redundant roles of Sox17 and Sox18 in postnatal angiogenesis in mice. Journal of Cell Science, 2006, 119, 3513-3526.	1.2	178
165	Sex determination: a tale of two Sox genes. Trends in Genetics, 2005, 21, 367-370.	2.9	68
166	Osteopontin and related SIBLING glycoprotein genes are expressed by Sertoli cells during mouse testis development. Developmental Dynamics, 2005, 233, 1488-1495.	0.8	16
167	Regulation of Amh during sex determination in chickens: Sox gene expression in male and female gonads. Cellular and Molecular Life Sciences, 2005, 62, 2140-2146.	2.4	13
168	Genetic basis of human testicular germ cell cancer: insights from the fruitfly and mouse. Cell and Tissue Research, 2005, 322, 5-19.	1.5	3
169	Evaluation of candidate markers for the peritubular myoid cell lineage in the developing mouse testis. Reproduction, 2005, 130, 509-516.	1.1	48
170	The Transcription Factors Steroidogenic Factor-1 and SOX9 Regulate Expression of Vanin-1 during Mouse Testis Development. Journal of Biological Chemistry, 2005, 280, 5917-5923.	1.6	72
171	Hypoxia induces chondrocyte-specific gene expression in mesenchymal cells in association with transcriptional activation of Sox9. Bone, 2005, 37, 313-322.	1.4	273
172	Delayed Sry and Sox9 expression in developing mouse gonads underlies B6-YDOM sex reversal. Developmental Biology, 2005, 278, 473-481.	0.9	146
173	Sertoli cell differentiation is induced both cell-autonomously and through prostaglandin signaling during mammalian sex determination. Developmental Biology, 2005, 287, 111-124.	0.9	251
174	Pisrt1, a gene implicated in XX sex reversal, is expressed in gonads of both sexes during mouse development. Molecular Genetics and Metabolism, 2005, 86, 286-292.	0.5	5
175	The VCAM-1 Gene That Encodes the Vascular Cell Adhesion Molecule Is a Target of the Sry-related High Mobility Group Box Gene, Sox18. Journal of Biological Chemistry, 2004, 279, 5314-5322.	1.6	49
176	Seeds of concern. Nature, 2004, 432, 48-52.	13.7	319
177	The ins and outs of transcriptional control: nucleocytoplasmic shuttling in development and disease. Trends in Genetics, 2004, 20, 4-8.	2.9	66
178	Expression of the tudor-related gene Tdrd5 during development of the male germline in mice. Gene Expression Patterns, 2004, 4, 701-705.	0.3	34
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