

# Andrew H Sinclair

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

196  
papers

12,790  
citations

51  
h-index

110  
g-index

211  
ext. papers

14,210  
ext. citations

6.6  
avg, IF

6.01  
L-index

#	Paper	IF	Citations
196	Whole exome sequencing reveals copy number variants in individuals with disorders of sex development.. <i>Molecular and Cellular Endocrinology</i> , <b>2022</b> , 546, 111570	4.4	0
195	A recessive variant in TFAM causes mtDNA depletion associated with primary ovarian insufficiency, seizures, intellectual disability and hearing loss. <i>Human Genetics</i> , <b>2021</b> , 140, 1733-1751	6.3	2
194	Meiotic genes in premature ovarian insufficiency: variants in HROB and REC8 as likely genetic causes. <i>European Journal of Human Genetics</i> , <b>2021</b> ,	5.3	1
193	Genetic Analysis Reveals Complete Androgen Insensitivity Syndrome in Female Children Surgically Treated for Inguinal Hernia. <i>Journal of Investigative Surgery</i> , <b>2021</b> , 34, 227-233	1.2	2
192	Application of a simple unstructured kinetic and cost of goods models to support T-cell therapy manufacture. <i>Biotechnology Progress</i> , <b>2021</b> , e3205	2.8	
191	Genomic sequencing highlights the diverse molecular causes of Perrault syndrome: a peroxisomal disorder (PEX6), metabolic disorders (CLPP, GGPS1), and mtDNA maintenance/translation disorders (LARS2, TFAM). <i>Human Genetics</i> , <b>2020</b> , 139, 1325-1343	6.3	8
190	STAG3 homozygous missense variant causes primary ovarian insufficiency and male non-obstructive azoospermia. <i>Molecular Human Reproduction</i> , <b>2020</b> , 26, 665-677	4.4	11
189	New insights into the genetic basis of premature ovarian insufficiency: Novel causative variants and candidate genes revealed by genomic sequencing. <i>Maturitas</i> , <b>2020</b> , 141, 9-19	5	13
188	Analysis of variants in GATA4 and FOG2/ZFPM2 demonstrates benign contribution to 46,XY disorders of sex development. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2020</b> , 8, e1095	2.3	2
187	The gene encoding the ketogenic enzyme HMGCS2 displays a unique expression during gonad development in mice. <i>PLoS ONE</i> , <b>2020</b> , 15, e0227411	3.7	6
186	The Molecular Basis of Sex Determination and Differentiation: Implications for Understanding DSD <b>2020</b> , 13-26		
185	Analysis of NR5A1 in 142 patients with premature ovarian insufficiency, diminished ovarian reserve, or unexplained infertility. <i>Maturitas</i> , <b>2020</b> , 131, 78-86	5	14
184	An In Vitro Differentiation Protocol for Human Embryonic Bipotential Gonad and Testis Cell Development. <i>Stem Cell Reports</i> , <b>2020</b> , 15, 1377-1391	8	8
183	Familial bilateral cryptorchidism is caused by recessive variants in. <i>Journal of Medical Genetics</i> , <b>2019</b> , 56, 727-733	5.8	9
182	Functional Characterization of Two New Variants in the Bone Morphogenetic Protein 7 Prodomain in Two Pairs of Monozygotic Twins With Hypospadias. <i>Journal of the Endocrine Society</i> , <b>2019</b> , 3, 814-824	0.4	1
181	Functional analysis of novel desert hedgehog gene variants improves the clinical interpretation of genomic data and provides a more accurate diagnosis for patients with 46,XY differences of sex development. <i>Journal of Medical Genetics</i> , <b>2019</b> , 56, 434-443	5.8	6
180	TP63-truncating variants cause isolated premature ovarian insufficiency. <i>Human Mutation</i> , <b>2019</b> , 40, 886-892	7.92	15

179	Australian Genomics: A Federated Model for Integrating Genomics into Healthcare. <i>American Journal of Human Genetics</i> , <b>2019</b> , 105, 7-14	11	39
178	Genetic Control of Fetal Sex Development <b>2019</b> , 454-467		
177	NR5A1 gene variants repress the ovarian-specific WNT signaling pathway in 46,XX disorders of sex development patients. <i>Human Mutation</i> , <b>2019</b> , 40, 207-216	4.7	13
176	Identification of Candidate Genes for Mayer-Rokitansky-Küster-Hauser Syndrome Using Genomic Approaches. <i>Sexual Development</i> , <b>2019</b> , 13, 26-34	1.6	12
175	Genetics and Genomics of Primary Ovarian Insufficiency <b>2019</b> , 427-445		3
174	The cell biology and molecular genetics of Müllerian duct development. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , <b>2018</b> , 7, e310	5.9	32
173	A novel, homozygous mutation in <i>NR5A1</i> in a 46,XY patient with dysgenetic testes presenting with primary amenorrhoea: a case report. <i>International Journal of Pediatric Endocrinology (Springer)</i> , <b>2018</b> , 2018, 2	1.5	8
172	Identification of variants in pleiotropic genes causing "isolated" premature ovarian insufficiency: implications for medical practice. <i>European Journal of Human Genetics</i> , <b>2018</b> , 26, 1319-1328	5.3	20
171	Functional characterization of novel <i>NR5A1</i> variants reveals multiple complex roles in disorders of sex development. <i>Human Mutation</i> , <b>2018</b> , 39, 124-139	4.7	27
170	Retinoic Acid Antagonizes Testis Development in Mice. <i>Cell Reports</i> , <b>2018</b> , 24, 1330-1341	10.6	30
169	Mutant NR5A1/SF-1 in patients with disorders of sex development shows defective activation of the SOX9 TESCO enhancer. <i>Human Mutation</i> , <b>2018</b> , 39, 1861-1874	4.7	7
168	GATA4 Variants in Individuals With a 46,XY Disorder of Sex Development (DSD) May or May Not Be Associated With Cardiac Defects Depending on Second Hits in Other DSD Genes. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 142	5.7	14
167	Cover Image, Volume 7, Issue 3. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , <b>2018</b> , 7, e320	5.9	
166	Sex Determination, Human <b>2018</b> ,		
165	The Role of Copy Number Variants in Disorders of Sex Development. <i>Sexual Development</i> , <b>2018</b> , 12, 19-29		24
164	Human sex reversal is caused by duplication or deletion of core enhancers upstream of SOX9. <i>Nature Communications</i> , <b>2018</b> , 9, 5319	17.4	65
163	Preparing for genomic medicine: a real world demonstration of health system change. <i>Npj Genomic Medicine</i> , <b>2017</b> , 2, 16	6.2	51
162	DESIGN AND OPTIMIZATION OF MANUFACTURING <b>2017</b> , 467-493		

161	A duplication in a patient with 46,XX ovo-testicular disorder of sex development refines the SOX9 testis-specific regulatory region to 24 kb. <i>Clinical Genetics</i> , <b>2017</b> , 92, 347-349	4	21
160	XX Disorder of Sex Development is associated with an insertion on chromosome 9 and downregulation of RSPO1 in dogs ( <i>Canis lupus familiaris</i> ). <i>PLoS ONE</i> , <b>2017</b> , 12, e0186331	3.7	11
159	Variants in congenital hypogonadotrophic hypogonadism genes identified in an Indonesian cohort of 46,XY under-virilised boys. <i>Human Genomics</i> , <b>2017</b> , 11, 1	6.8	11
158	Painful ovulation in a 46,XX SRY -ve adult male with duplication. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , <b>2017</b> , 2017,	1.4	4
157	Molecular mechanisms associated with 46,XX disorders of sex development. <i>Clinical Science</i> , <b>2016</b> , 130, 421-32	6.5	8
156	WNT/ $\beta$ catenin and p27/FOXL2 differentially regulate supporting cell proliferation in the developing ovary. <i>Developmental Biology</i> , <b>2016</b> , 412, 250-60	3.1	33
155	Transgenic Chickens Overexpressing Aromatase Have High Estrogen Levels but Maintain a Predominantly Male Phenotype. <i>Endocrinology</i> , <b>2016</b> , 157, 83-90	4.8	33
154	Overexpression of Anti-Müllerian Hormone Disrupts Gonadal Sex Differentiation, Blocks Sex Hormone Synthesis, and Supports Cell Autonomous Sex Development in the Chicken. <i>Endocrinology</i> , <b>2016</b> , 157, 1258-75	4.8	22
153	Heterogeneity of Human Neutrophil CD177 Expression Results from CD177P1 Pseudogene Conversion. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006067	6	28
152	Hormonal evaluation in relation to phenotype and genotype in 286 patients with a disorder of sex development from Indonesia. <i>Clinical Endocrinology</i> , <b>2016</b> , 85, 247-57	3.4	14
151	Disorders of sex development: insights from targeted gene sequencing of a large international patient cohort. <i>Genome Biology</i> , <b>2016</b> , 17, 243	18.3	166
150	Of sex and determination: marking 25 years of Randy, the sex-reversed mouse. <i>Development (Cambridge)</i> , <b>2016</b> , 143, 1633-7	6.6	16
149	Using ROADMAP Data to Identify Enhancers Associated with Disorders of Sex Development. <i>Sexual Development</i> , <b>2016</b> , 10, 59-65	1.6	11
148	Premature Ovarian Insufficiency: New Perspectives on Genetic Cause and Phenotypic Spectrum. <i>Endocrine Reviews</i> , <b>2016</b> , 37, 609-635	27.2	119
147	FGF9, activin and TGF $\beta$ promote testicular characteristics in an XX gonad organ culture model. <i>Reproduction</i> , <b>2016</b> , 152, 529-43	3.8	14
146	Review disorders of sex development: The evolving role of genomics in diagnosis and gene discovery. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , <b>2016</b> , 108, 337-350		10
145	DMRT1 is required for Müllerian duct formation in the chicken embryo. <i>Developmental Biology</i> , <b>2015</b> , 400, 224-36	3.1	22
144	Whole exome sequencing combined with linkage analysis identifies a novel 3 bp deletion in NR5A1. <i>European Journal of Human Genetics</i> , <b>2015</b> , 23, 486-93	5.3	23

143	Purification and Transcriptomic Analysis of Mouse Fetal Leydig Cells Reveals Candidate Genes for Specification of Gonadal Steroidogenic Cells. <i>Biology of Reproduction</i> , <b>2015</b> , 92, 145	3.9	28
142	Anti-Müllerian Hormone Is Required for Chicken Embryonic Urogenital System Growth but Not Sexual Differentiation. <i>Biology of Reproduction</i> , <b>2015</b> , 93, 138	3.9	20
141	Copy number variation associated with meiotic arrest in idiopathic male infertility. <i>Fertility and Sterility</i> , <b>2015</b> , 103, 214-9	4.8	29
140	The Genetic and Environmental Factors Underlying Hypospadias. <i>Sexual Development</i> , <b>2015</b> , 9, 239-259	1.6	82
139	Identification of candidate gonadal sex differentiation genes in the chicken embryo using RNA-seq. <i>BMC Genomics</i> , <b>2015</b> , 16, 704	4.5	30
138	The business impact of an integrated continuous biomanufacturing platform for recombinant protein production. <i>Journal of Biotechnology</i> , <b>2015</b> , 213, 3-12	3.7	169
137	The genetics of disorders of sex development in humans. <i>Sexual Development</i> , <b>2014</b> , 8, 262-72	1.6	40
136	Identification, expression, and regulation of anti-Müllerian hormone type-II receptor in the embryonic chicken gonad. <i>Biology of Reproduction</i> , <b>2014</b> , 90, 106	3.9	19
135	Genetic regulation of mammalian gonad development. <i>Nature Reviews Endocrinology</i> , <b>2014</b> , 10, 673-83	15.2	122
134	Vaccine Production Economics <b>2014</b> , 413-435		1
133	Development of retroviral vectors for tissue-restricted expression in chicken embryonic gonads. <i>PLoS ONE</i> , <b>2014</b> , 9, e101811	3.7	4
132	RNA sequencing reveals sexually dimorphic gene expression before gonadal differentiation in chicken and allows comprehensive annotation of the W-chromosome. <i>Genome Biology</i> , <b>2013</b> , 14, R26	18.3	72
131	Sex Determination, Human <b>2013</b> , 401-404		
130	An environmental life cycle assessment comparison of single-use and conventional process technology for the production of monoclonal antibodies. <i>Journal of Cleaner Production</i> , <b>2013</b> , 41, 150-162	10.3	46
129	The molecular genetics of ovarian differentiation in the avian model. <i>Sexual Development</i> , <b>2013</b> , 7, 80-94	1.6	34
128	Overexpression of aromatase alone is sufficient for ovarian development in genetically male chicken embryos. <i>PLoS ONE</i> , <b>2013</b> , 8, e68362	3.7	50
127	Signaling through the TGF beta-activin receptors ALK4/5/7 regulates testis formation and male germ cell development. <i>PLoS ONE</i> , <b>2013</b> , 8, e54606	3.7	64
126	The proto-oncogene Ret is required for male foetal germ cell survival. <i>Developmental Biology</i> , <b>2012</b> , 365, 101-9	3.1	16

125	The long non-coding RNA, MHM, plays a role in chicken embryonic development, including gonadogenesis. <i>Developmental Biology</i> , <b>2012</b> , 366, 317-26	3.1	52
124	The potential role of microRNAs in regulating gonadal sex differentiation in the chicken embryo. <i>Chromosome Research</i> , <b>2012</b> , 20, 201-13	4.4	37
123	Mammalian sex determination insights from humans and mice. <i>Chromosome Research</i> , <b>2012</b> , 20, 215-38	4.4	115
122	CITED2 mutations potentially cause idiopathic premature ovarian failure. <i>Translational Research</i> , <b>2012</b> , 160, 384-8	11	10
121	SRY mutation analysis by next generation (deep) sequencing in a cohort of chromosomal Disorders of Sex Development (DSD) patients with a mosaic karyotype. <i>BMC Medical Genetics</i> , <b>2012</b> , 13, 108	2.1	10
120	The Molecular Basis of Gonadal Development and Disorders of Sex Development <b>2012</b> , 1-9		3
119	Redd1 is a novel marker of testis development but is not required for normal male reproduction. <i>Sexual Development</i> , <b>2012</b> , 6, 223-30	1.6	3
118	Wnt signaling in ovarian development inhibits Sf1 activation of Sox9 via the Tesco enhancer. <i>Endocrinology</i> , <b>2012</b> , 153, 901-12	4.8	58
117	A multi-exon deletion within WWOX is associated with a 46,XY disorder of sex development. <i>European Journal of Human Genetics</i> , <b>2012</b> , 20, 348-51	5.3	40
116	Analysis of gene function in cultured embryonic mouse gonads using nucleofection. <i>Sexual Development</i> , <b>2011</b> , 5, 7-15	1.6	11
115	Inhibition of SRY-calmodulin complex formation induces ectopic expression of ovarian cell markers in developing XY gonads. <i>Endocrinology</i> , <b>2011</b> , 152, 2883-93	4.8	13
114	Manipulation of estrogen synthesis alters MIR202* expression in embryonic chicken gonads. <i>Biology of Reproduction</i> , <b>2011</b> , 85, 22-30	3.9	51
113	Defective survival of proliferating Sertoli cells and androgen receptor function in a mouse model of the ATR-X syndrome. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 2213-24	5.6	51
112	Identification of SOX3 as an XX male sex reversal gene in mice and humans. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 328-41	15.9	196
111	Copy number variation in patients with disorders of sex development due to 46,XY gonadal dysgenesis. <i>PLoS ONE</i> , <b>2011</b> , 6, e17793	3.7	88
110	Mitotic arrest in teratoma susceptible fetal male germ cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e20736	3.7	21
109	Male fetal germ cell differentiation involves complex repression of the regulatory network controlling pluripotency. <i>FASEB Journal</i> , <b>2010</b> , 24, 3026-35	0.9	62
108	Regulation of the female mouse germ cell cycle during entry into meiosis. <i>Cell Cycle</i> , <b>2010</b> , 9, 408-18	4.7	45

107	Gonadal defects in Cited2-mutant mice indicate a role for SF1 in both testis and ovary differentiation. <i>International Journal of Developmental Biology</i> , <b>2010</b> , 54, 683-9	1.9	38
106	Conserved regulatory modules in the Sox9 testis-specific enhancer predict roles for SOX, TCF/LEF, Forkhead, DMRT, and GATA proteins in vertebrate sex determination. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2010</b> , 42, 472-7	5.6	61
105	Mutations in MAP3K1 cause 46,XY disorders of sex development and implicate a common signal transduction pathway in human testis determination. <i>American Journal of Human Genetics</i> , <b>2010</b> , 87, 898-904	11	133
104	Protein tyrosine kinase 2 beta (PTK2B), but not focal adhesion kinase (FAK), is expressed in a sexually dimorphic pattern in developing mouse gonads. <i>Developmental Dynamics</i> , <b>2010</b> , 239, 2735-41	2.9	6
103	Genetic evidence against a role for W-linked histidine triad nucleotide binding protein (HINTW) in avian sex determination. <i>International Journal of Developmental Biology</i> , <b>2009</b> , 53, 59-67	1.9	37
102	Sox9-dependent expression of Gstm6 in Sertoli cells during testis development in mice. <i>Reproduction</i> , <b>2009</b> , 137, 481-6	3.8	6
101	Sexually dimorphic microRNA expression during chicken embryonic gonadal development. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 165-76	3.9	87
100	The cerebellin 4 precursor gene is a direct target of SRY and SOX9 in mice. <i>Biology of Reproduction</i> , <b>2009</b> , 80, 1178-88	3.9	37
99	Normalizing gene expression levels in mouse fetal germ cells. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 362-70	3.9	40
98	Rapid high-throughput analysis of DNaseI hypersensitive sites using a modified Multiplex Ligation-dependent Probe Amplification approach. <i>BMC Genomics</i> , <b>2009</b> , 10, 412	4.5	7
97	Expression and evolutionary conservation of the tescalcin gene during development. <i>Gene Expression Patterns</i> , <b>2009</b> , 9, 273-81	1.5	19
96	Ex vivo magnetofection: a novel strategy for the study of gene function in mouse organogenesis. <i>Developmental Dynamics</i> , <b>2009</b> , 238, 956-64	2.9	16
95	Three-dimensional visualization of testis cord morphogenesis, a novel tubulogenic mechanism in development. <i>Developmental Dynamics</i> , <b>2009</b> , 238, 1033-41	2.9	67
94	Male-specific expression of Aldh1a1 in mouse and chicken fetal testes: implications for retinoid balance in gonad development. <i>Developmental Dynamics</i> , <b>2009</b> , 238, 2073-80	2.9	42
93	Rapid and reliable determination of transgene zygosity in mice by multiplex ligation-dependent probe amplification. <i>Transgenic Research</i> , <b>2009</b> , 18, 987-91	3.3	4
92	The avian Z-linked gene DMRT1 is required for male sex determination in the chicken. <i>Nature</i> , <b>2009</b> , 461, 267-71	50.4	575
91	Robust and ubiquitous GFP expression in a single generation of chicken embryos using the avian retroviral vector, RCASBP. <i>Differentiation</i> , <b>2009</b> , 77, 473-82	3.5	23
90	Females battle to suppress their inner male. <i>Cell</i> , <b>2009</b> , 139, 1051-3	56.2	13

89	Endothelial cell migration directs testis cord formation. <i>Developmental Biology</i> , <b>2009</b> , 326, 112-20	3.1	136
88	Functional analysis of the SRY-KRAB interaction in mouse sex determination. <i>Biology of the Cell</i> , <b>2009</b> , 101, 55-67	3.5	14
87	Testis development, fertility, and survival in Ethanolamine kinase 2-deficient mice. <i>Endocrinology</i> , <b>2008</b> , 149, 6176-86	4.8	8
86	The rhox homeobox gene family shows sexually dimorphic and dynamic expression during mouse embryonic gonad development. <i>Biology of Reproduction</i> , <b>2008</b> , 79, 468-74	3.9	24
85	A Comparative Analysis of Vertebrate Sex Determination. <i>Novartis Foundation Symposium</i> , <b>2008</b> , 102-114		10
84	Cloning and expression of R-Spondin1 in different vertebrates suggests a conserved role in ovarian development. <i>BMC Developmental Biology</i> , <b>2008</b> , 8, 72	3.1	99
83	Onset of meiosis in the chicken embryo; evidence of a role for retinoic acid. <i>BMC Developmental Biology</i> , <b>2008</b> , 8, 85	3.1	92
82	Dynamic regulation of mitotic arrest in fetal male germ cells. <i>Stem Cells</i> , <b>2008</b> , 26, 339-47	5.8	213
81	Dppa2 and Dppa4 are closely linked SAP motif genes restricted to pluripotent cells and the germ line. <i>Stem Cells</i> , <b>2007</b> , 25, 19-28	5.8	86
80	Avian sex determination: what, when and where?. <i>Cytogenetic and Genome Research</i> , <b>2007</b> , 117, 165-73	1.9	50
79	A framework for the prediction of scale-up when using compressible chromatographic packings. <i>Biotechnology Progress</i> , <b>2007</b> , 23, 413-22	2.8	19
78	Expression of Wsb2 in the developing and adult mouse testis. <i>Reproduction</i> , <b>2007</b> , 133, 753-61	3.8	9
77	Characterisation of urogenital ridge gene expression in the human embryonal carcinoma cell line NT2/D1. <i>Sexual Development</i> , <b>2007</b> , 1, 114-26	1.6	22
76	Sex-specific expression of a novel gene Tmem184a during mouse testis differentiation. <i>Reproduction</i> , <b>2007</b> , 133, 983-9	3.8	16
75	Human embryonic stem cell research: an Australian perspective. <i>Cell</i> , <b>2007</b> , 128, 221-3	56.2	7
74	DYNAMIC REGULATION OF CELL CYCLE AND PLURIPOTENCY IN THE FETAL MALE GERM LINE. <i>Biology of Reproduction</i> , <b>2007</b> , 77, 72-72	3.9	
73	A framework for assessing the solutions in chromatographic process design and operation for large-scale manufacture. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2006</b> , 81, 1009-1020	3.5	12
72	Application of a decision-support tool to assess pooling strategies in perfusion culture processes under uncertainty. <i>Biotechnology Progress</i> , <b>2005</b> , 21, 1231-42	2.8	44



71	Male-specific cell migration into the developing gonad is a conserved process involving PDGF signalling. <i>Developmental Biology</i> , <b>2005</b> , 284, 337-50	3.1	51
70	Temporal and spatial expression profile of the novel armadillo-related gene, Alex2, during testicular differentiation in the mouse embryo. <i>Developmental Dynamics</i> , <b>2005</b> , 233, 188-93	2.9	16
69	Aromatase inhibition reduces expression of FOXL2 in the embryonic chicken ovary. <i>Developmental Dynamics</i> , <b>2005</b> , 233, 1052-5	2.9	105
68	Expression profile of the RNA-binding protein gene hermes during chicken embryonic development. <i>Developmental Dynamics</i> , <b>2005</b> , 233, 1045-51	2.9	15
67	Conserved expression of a novel gene during gonadal development. <i>Developmental Dynamics</i> , <b>2005</b> , 233, 1083-90	2.9	6
66	Annexin XI co-localises with calcyclin in proliferating cells of the embryonic mouse testis. <i>Developmental Dynamics</i> , <b>2005</b> , 234, 432-7	2.9	12
65	Novel scavenger receptor gene is differentially expressed in the embryonic and adult mouse testis. <i>Developmental Dynamics</i> , <b>2005</b> , 234, 1026-33	2.9	13
64	Evaluation of candidate markers for the peritubular myoid cell lineage in the developing mouse testis. <i>Reproduction</i> , <b>2005</b> , 130, 509-16	3.8	40
63	A long-term outcome study of intersex conditions. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2005</b> , 18, 555-67	1.6	113
62	Pre-sertoli specific gene expression profiling reveals differential expression of Ppt1 and Brd3 genes within the mouse genital ridge at the time of sex determination. <i>Biology of Reproduction</i> , <b>2004</b> , 71, 820-7	3.9	27
61	Eki2 is upregulated specifically in the testis during mouse sex determination. <i>Gene Expression Patterns</i> , <b>2004</b> , 4, 135-40	1.5	6
60	Sex determination: insights from the chicken. <i>BioEssays</i> , <b>2004</b> , 26, 120-32	4.1	248
59	Molecular genetics of gonad development <b>2004</b> , 9-21		
58	Sox15 is up regulated in the embryonic mouse testis. <i>Gene Expression Patterns</i> , <b>2003</b> , 3, 413-7	1.5	18
57	Subtractive hybridisation screen identifies sexually dimorphic gene expression in the embryonic mouse gonad. <i>Genesis</i> , <b>2003</b> , 37, 84-90	1.9	43
56	Rules for clinical diagnosis in babies with ambiguous genitalia. <i>Journal of Paediatrics and Child Health</i> , <b>2003</b> , 39, 406-13	1.3	17
55	Type II and type IX collagen transcript isoforms are expressed during mouse testis development. <i>Biology of Reproduction</i> , <b>2003</b> , 68, 1742-7	3.9	29
54	DMRT1 is upregulated in the gonads during female-to-male sex reversal in ZW chicken embryos. <i>Biology of Reproduction</i> , <b>2003</b> , 68, 560-70	3.9	136

53	FET-1: a novel W-linked, female specific gene up-regulated in the embryonic chicken ovary. <i>Gene Expression Patterns</i> , <b>2002</b> , 2, 83-6	1.5	11
52	Restricted expression of DMRT3 in chicken and mouse embryos. <i>Gene Expression Patterns</i> , <b>2002</b> , 2, 69-72	1.5	20
51	Vertebrate sex determination: many means to an end. <i>Reproduction</i> , <b>2002</b> , 124, 447-57	3.8	139
50	Restricted expression of DMRT3 in chicken and mouse embryos. <i>Mechanisms of Development</i> , <b>2002</b> , 119 Suppl 1, S73-6	1.7	19
49	FET-1: a novel W-linked, female specific gene up-regulated in the embryonic chicken ovary. <i>Mechanisms of Development</i> , <b>2002</b> , 119 Suppl 1, S87-90	1.7	33
48	A comparative analysis of vertebrate sex determination. <i>Novartis Foundation Symposium</i> , <b>2002</b> , 244, 102-11; discussion 111-4, 203-6, 253-7		11
47	Rapid DNA extraction and PCR-sexing of mouse embryos. <i>Molecular Reproduction and Development</i> , <b>2001</b> , 60, 225-6	2.6	116
46	Sex, genes, and heat: triggers of diversity. <i>The Journal of Experimental Zoology</i> , <b>2001</b> , 290, 624-31		29
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