# Andrew H Sinclair

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 199 papers | 15,777 citations | 25034 57 h-index | 18130 120 g-index |
| 212 all docs | 212 docs citations | 212 times ranked | 9928 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Establishing a Molecular Genetic Diagnosis in Children with Differences of Sex Development: A Clinical Approach. Hormone Research in Paediatrics, 2023, 96, 128-143. | 1.8 | 4 |
| 2 | Meiotic genes in premature ovarian insufficiency: variants in HROB and REC8 as likely genetic causes. European Journal of Human Genetics, 2022, 30, 219-228. | 2.8 | 18 |
| 3 | Whole exome sequencing reveals copy number variants in individuals with disorders of sex development. Molecular and Cellular Endocrinology, 2022, 546, 111570. | 3.2 | 4 |
| 4 | 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. | 2.9 | 3 |
| 5 | Generation and mutational analysis of a transgenic mouse model of human SRY. Human Mutation, 2022, 43, 362-379. | 2.5 | 3 |
| 6 | SOX Genes and Their Role in Disorders of Sex Development. Sexual Development, 2022, 16, 80-91. | 2.0 | 9 |
| 7 | Dominant TP63 missense variants lead to constitutive activation and premature ovarian insufficiency. Human Mutation, 2022, 43, 1443-1453. | 2.5 | 8 |
| 8 | Genetic Analysis Reveals Complete Androgen Insensitivity Syndrome in Female Children Surgically Treated for Inguinal Hernia. Journal of Investigative Surgery, 2021, 34, 227-233. | 1.3 | 4 |
| 9 | Analysis of the androgen receptor (AR) gene in a cohort of Indonesian undermasculinized 46, XY DSD patients. Egyptian Journal of Medical Human Genetics, 2021, 22, . | 1.0 | 4 |
| 10 | Application of a simple unstructured kinetic and cost of goods models to support <scp>T</scp>â€cell therapy manufacture. Biotechnology Progress, 2021, 37, e3205. | 2.6 | 1 |
| 11 | A recessive variant in TFAM causes mtDNA depletion associated with primary ovarian insufficiency, seizures, intellectual disability and hearing loss. Human Genetics, 2021, 140, 1733-1751. | 3.8 | 15 |
| 12 | Analysis of NR5A1 in 142 patients with premature ovarian insufficiency, diminished ovarian reserve, or unexplained infertility. Maturitas, 2020, 131, 78-86. | 2.4 | 26 |
| 13 | An InÂVitro Differentiation Protocol for Human Embryonic Bipotential Gonad and Testis Cell Development. Stem Cell Reports, 2020, 15, 1377-1391. | 4.8 | 22 |
| 14 | 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). Human Genetics, 2020, 139, 1325-1343. | 3.8 | 21 |
| 15 | STAG3 homozygous missense variant causes primary ovarian insufficiency and male non-obstructive azoospermia. Molecular Human Reproduction, 2020, 26, 665-677. | 2.8 | 26 |
| 16 | New insights into the genetic basis of premature ovarian insufficiency: Novel causative variants and candidate genes revealed by genomic sequencing. Maturitas, 2020, 141, 9-19. | 2.4 | 41 |
| 17 | Analysis of variants in GATA4 and FOG2/ZFPM2 demonstrates benign contribution to 46,XY disorders of sex development. Molecular Genetics & Genomic Medicine, 2020, 8, e1095. | 1.2 | 16 |
| 18 | The gene encoding the ketogenic enzyme HMGCS2 displays a unique expression during gonad development in mice. PLoS ONE, 2020, 15, e0227411. | 2.5 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The Molecular Basis of Sex Determination and Differentiation: Implications for Understanding DSD. , 2020, , 13-26. | | 0 |
| 20 | Australian Genomics: A Federated Model for Integrating Genomics into Healthcare. American Journal of Human Genetics, 2019, 105, 7-14. | 6.2 | 75 |
| 21 | Familial bilateral cryptorchidism is caused by recessive variants in RXFP2. Journal of Medical Genetics, 2019, 56, 727-733. | 3.2 | 21 |
| 22 | Functional Characterization of Two New Variants in the Bone Morphogenetic Protein 7 Prodomain in Two Pairs of Monozygotic Twins With Hypospadias. Journal of the Endocrine Society, 2019, 3, 814-824. | 0.2 | 2 |
| 23 | 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. Journal of Medical Genetics, 2019, 56, 434-443. | 3.2 | 11 |
| 24 | TP63â€truncating variants cause isolated premature ovarian insufficiency. Human Mutation, 2019, 40, 886-892. | 2.5 | 29 |
| 25 | NR5A1 gene variants repress the ovarian-specific WNT signaling pathway in 46,XX disorders of sex development patients. Human Mutation, 2019, 40, 207-216. | 2.5 | 24 |
| 26 | Identification of Candidate Genes for Mayer-Rokitansky-KÃ¼ster-Hauser Syndrome Using Genomic Approaches. Sexual Development, 2019, 13, 26-34. | 2.0 | 29 |
| 27 | Genetics and Genomics of Primary Ovarian Insufficiency. , 2019, , 427-445. | | 3 |
| 28 | Genetic Control of Fetal Sex Development. , 2019, , 454-467. | | 0 |
| 29 | The cell biology and molecular genetics of MÃ¼llerian duct development. Wiley Interdisciplinary Reviews: Developmental Biology, 2018, 7, e310. | 5.9 | 67 |
| 30 | A novel, homozygous mutation in desert hedgehog (DHH) in a 46, XY patient with dysgenetic testes presenting with primary amenorrhoea: a case report. International Journal of Pediatric Endocrinology (Springer), 2018, 2018, 2. | 1.6 | 14 |
| 31 | Identification of variants in pleiotropic genes causing â€œisolatedâ€•premature ovarian insufficiency: implications for medical practice. European Journal of Human Genetics, 2018, 26, 1319-1328. | 2.8 | 31 |
| 32 | Functional characterization of novelÂNR5A1 Âvariants reveals multiple complex roles in disorders of sex development. Human Mutation, 2018, 39, 124-139. | 2.5 | 38 |
| 33 | The Role of Copy Number Variants in Disorders of Sex Development. Sexual Development, 2018, 12, 19-29. | 2.0 | 37 |
| 34 | Human sex reversal is caused by duplication or deletion of core enhancers upstream of SOX9. Nature Communications, 2018, 9, 5319. | 12.8 | 116 |
| 35 | Retinoic Acid Antagonizes Testis Development in Mice. Cell Reports, 2018, 24, 1330-1341. | 6.4 | 46 |
| 36 | Mutant NR5A1/SF-1 in patients with disorders of sex development shows defective activation of theSOX9TESCO enhancer. Human Mutation, 2018, 39, 1861-1874. | 2.5 | 12 |

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|---|---|---|---|
| 37 | 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. Frontiers in Endocrinology, 2018, 9, 142. | 3.5 | 26 |
| 38 | Cover Image, Volume 7, Issue 3. Wiley Interdisciplinary Reviews: Developmental Biology, 2018, 7, e320. | 5.9 | 0 |
| 39 | Sex Determination, Human. , 2018, , . | | 1 |
| 40 | Preparing for genomic medicine: a real world demonstration of health system change. Npj Genomic Medicine, 2017, 2, 16. | 3.8 | 73 |
| 41 | A duplication in a patient with 46,<scp>XX</scp> ovoâ€testicular disorder of sex development refines the <scp>SOX9</scp> testisâ€specific regulatory region to 24 kb. Clinical Genetics, 2017, 92, 347-349. | 2.0 | 23 |
| 42 | Variants in congenital hypogonadotrophic hypogonadism genes identified in an Indonesian cohort of 46,XY under-virilised boys. Human Genomics, 2017, 11, 1. | 2.9 | 23 |
| 43 | XX Disorder of Sex Development is associated with an insertion on chromosome 9 and downregulation of RSPO1 in dogs (Canis lupus familiaris). PLoS ONE, 2017, 12, e0186331. | 2.5 | 12 |
| 44 | Painful ovulation in a 46,XX SRY â^'ve adult male with SOX9 duplication. Endocrinology, Diabetes and Metabolism Case Reports, 2017, 2017, . | 0.5 | 5 |
| 45 | Hormonal evaluation in relation to phenotype and genotype in 286 patients with a disorder of sex development from Indonesia. Clinical Endocrinology, 2016, 85, 247-257. | 2.4 | 24 |
| 46 | Disorders of sex development: insights from targeted gene sequencing of a large international patient cohort. Genome Biology, 2016, 17, 243. | 8.8 | 241 |
| 47 | Of sex and determination: marking 25â€...years of Randy, the sex-reversed mouse. Development (Cambridge), 2016, 143, 1633-1637. | 2.5 | 18 |
| 48 | Using ROADMAP Data to Identify Enhancers Associated with Disorders of Sex Development. Sexual Development, 2016, 10, 59-65. | 2.0 | 12 |
| 49 | Premature Ovarian Insufficiency: New Perspectives on Genetic Cause and Phenotypic Spectrum. Endocrine Reviews, 2016, 37, 609-635. | 20.1 | 170 |
| 50 | FGF9, activin and TGFÎ² promote testicular characteristics in an XX gonad organ culture model. Reproduction, 2016, 152, 529-543. | 2.6 | 19 |
| 51 | Molecular mechanisms associated with 46,XX disorders of sex development. Clinical Science, 2016, 130, 421-432. | 4.3 | 16 |
| 52 | WNT/Î²-catenin and p27/FOXL2 differentially regulate supporting cell proliferation in the developing ovary. Developmental Biology, 2016, 412, 250-260. | 2.0 | 43 |
| 53 | Transgenic Chickens Overexpressing Aromatase Have High Estrogen Levels but Maintain a Predominantly Male Phenotype. Endocrinology, 2016, 157, 83-90. | 2.8 | 44 |
| 54 | Overexpression of Anti-MÃ¼llerian Hormone Disrupts Gonadal Sex Differentiation, Blocks Sex Hormone Synthesis, and Supports Cell Autonomous Sex Development in the Chicken. Endocrinology, 2016, 157, 1258-1275. | 2.8 | 28 |

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|---|---|---|---|
| 55 | Review disorders of sex development: The evolving role of genomics in diagnosis and gene discovery. Birth Defects Research Part C: Embryo Today Reviews, 2016, 108, 337-350. | 3.6 | 24 |
| 56 | Heterogeneity of Human Neutrophil CD177 Expression Results from CD177P1 Pseudogene Conversion. PLoS Genetics, 2016, 12, e1006067. | 3.5 | 36 |
| 57 | Identification of candidate gonadal sex differentiation genes in the chicken embryo using RNA-seq. BMC Genomics, 2015, 16, 704. | 2.8 | 54 |
| 58 | The business impact of an integrated continuous biomanufacturing platform for recombinant protein production. Journal of Biotechnology, 2015, 213, 3-12. | 3.8 | 207 |
| 59 | DMRT1 is required for MÃ¼llerian duct formation in the chicken embryo. Developmental Biology, 2015, 400, 224-236. | 2.0 | 27 |
| 60 | Whole exome sequencing combined with linkage analysis identifies a novel 3â€‰bp deletion in NR5A1. European Journal of Human Genetics, 2015, 23, 486-493. | 2.8 | 27 |
| 61 | Purification and Transcriptomic Analysis of Mouse Fetal Leydig Cells Reveals Candidate Genes for Specification of Gonadal Steroidogenic Cells1. Biology of Reproduction, 2015, 92, 145. | 2.7 | 51 |
| 62 | Anti-MÃ¼llerian Hormone Is Required for Chicken Embryonic Urogenital System Growth but Not Sexual Differentiation1. Biology of Reproduction, 2015, 93, 138. | 2.7 | 29 |
| 63 | Copy number variation associated with meiotic arrest in idiopathic male infertility. Fertility and Sterility, 2015, 103, 214-219. | 1.0 | 37 |
| 64 | The Genetic and Environmental Factors Underlying Hypospadias. Sexual Development, 2015, 9, 239-259. | 2.0 | 142 |
| 65 | Development of Retroviral Vectors for Tissue-Restricted Expression in Chicken Embryonic Gonads. PLoS ONE, 2014, 9, e101811. | 2.5 | 8 |
| 66 | The Genetics of Disorders of Sex Development in Humans. Sexual Development, 2014, 8, 262-272. | 2.0 | 83 |
| 67 | Identification, Expression, and Regulation of Anti-MÃ¼llerian Hormone Type-II Receptor in the Embryonic Chicken Gonad1. Biology of Reproduction, 2014, 90, 106. | 2.7 | 28 |
| 68 | Genetic regulation of mammalian gonad development. Nature Reviews Endocrinology, 2014, 10, 673-683. | 9.6 | 162 |
| 69 | RNA sequencing reveals sexually dimorphic gene expression before gonadal differentiation in chicken and allows comprehensive annotation of the W-chromosome. Genome Biology, 2013, 14, R26. | 9.6 | 98 |
| 70 | Sex Determination, Human. , 2013, , 401-404. | | 0 |
| 71 | An environmental life cycle assessment comparison of single-use and conventional process technology for the production of monoclonal antibodies. Journal of Cleaner Production, 2013, 41, 150-162. | 9.3 | 58 |
| 72 | The Molecular Genetics of Ovarian Differentiation in the Avian Model. Sexual Development, 2013, 7, 80-94. | 2.0 | 48 |

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|---|---|---|---|
| 73 | Overexpression of Aromatase Alone is Sufficient for Ovarian Development in Genetically Male Chicken Embryos. PLoS ONE, 2013, 8, e68362. | 2.5 | 73 |
| 74 | Signaling through the TGF Beta-Activin Receptors ALK4/5/7 Regulates Testis Formation and Male Germ Cell Development. PLoS ONE, 2013, 8, e54606. | 2.5 | 75 |
| 75 | Redd1 Is a Novel Marker of Testis Development but Is Not Required for Normal Male Reproduction. Sexual Development, 2012, 6, 223-230. | 2.0 | 4 |
| 76 | Wnt Signaling in Ovarian Development Inhibits Sf1 Activation of Sox9 via the Tesco Enhancer. Endocrinology, 2012, 153, 901-912. | 2.8 | 62 |
| 77 | 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. | 2.8 | 48 |
| 78 | CITED2 mutations potentially cause idiopathic premature ovarian failure. Translational Research, 2012, 160, 384-388. | 5.0 | 15 |
| 79 | SRY mutation analysis by next generation (deep) sequencing in a cohort of chromosomal Disorders of Sex Development (DSD) patients with a mosaic karyotype. BMC Medical Genetics, 2012, 13, 108. | 2.1 | 15 |
| 80 | The Molecular Basis of Gonadal Development and Disorders of Sex Development. , 2012, , 1-9. | | 3 |
| 81 | The proto-oncogene Ret is required for male foetal germ cell survival. Developmental Biology, 2012, 365, 101-109. | 2.0 | 20 |
| 82 | The long non-coding RNA, MHM, plays a role in chicken embryonic development, including gonadogenesis. Developmental Biology, 2012, 366, 317-326. | 2.0 | 63 |
| 83 | The potential role of microRNAs in regulating gonadal sex differentiation in the chicken embryo. Chromosome Research, 2012, 20, 201-213. | 2.2 | 43 |
| 84 | Mammalian sex determinationâ€"insights from humans and mice. Chromosome Research, 2012, 20, 215-238. | 2.2 | 139 |
| 85 | Analysis of Gene Function in Cultured Embryonic Mouse Gonads Using Nucleofection. Sexual Development, 2011, 5, 7-15. | 2.0 | 12 |
| 86 | Inhibition of SRY-Calmodulin Complex Formation Induces Ectopic Expression of Ovarian Cell Markers in Developing XY Gonads. Endocrinology, 2011, 152, 2883-2893. | 2.8 | 13 |
| 87 | Manipulation of Estrogen Synthesis Alters MIR202* Expression in Embryonic Chicken Gonads1. Biology of Reproduction, 2011, 85, 22-30. | 2.7 | 61 |
| 88 | 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. | 2.9 | 59 |
| 89 | Defective survival of proliferating Sertoli cells and androgen receptor function in a mouse model of the ATR-X syndrome. Human Molecular Genetics, 2011, 20, 3535-3535. | 2.9 | 0 |
| 90 | Identification of SOX3 as an XX male sex reversal gene in mice and humans. Journal of Clinical Investigation, 2011, 121, 328-341. | 8.2 | 234 |

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|---|---|---|---|
| 91 | Copy Number Variation in Patients with Disorders of Sex Development Due to 46,XY Gonadal Dysgenesis. PLoS ONE, 2011, 6, e17793. | 2.5 | 116 |
| 92 | Mitotic Arrest in Teratoma Susceptible Fetal Male Germ Cells. PLoS ONE, 2011, 6, e20736. | 2.5 | 27 |
| 93 | Mutations in MAP3K1 Cause 46,XY Disorders of Sex Development and Implicate a Common Signal Transduction Pathway in Human Testis Determination. American Journal of Human Genetics, 2010, 87, 898-904. | 6.2 | 155 |
| 94 | 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. | 1.8 | 9 |
| 95 | Male fetal germ cell differentiation involves complex repression of the regulatory network controlling pluripotency. FASEB Journal, 2010, 24, 3026-3035. | 0.5 | 68 |
| 96 | Regulation of the female mouse germ cell cycle during entry into meiosis. Cell Cycle, 2010, 9, 408-418. | 2.6 | 57 |
| 97 | 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. | 0.6 | 46 |
| 98 | 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. | 2.8 | 84 |
| 99 | Genetic evidence against a role for W-linked histidine triad nucleotide binding protein (HINTW) in avian sex determination. International Journal of Developmental Biology, 2009, 53, 59-67. | 0.6 | 53 |
| 100 | Sox9-dependent expression of Gstm6 in Sertoli cells during testis development in mice. Reproduction, 2009, 137, 481-486. | 2.6 | 10 |
| 101 | Sexually Dimorphic MicroRNA Expression During Chicken Embryonic Gonadal Development1. Biology of Reproduction, 2009, 81, 165-176. | 2.7 | 92 |
| 102 | The Cerebellin 4 Precursor Gene Is a Direct Target of SRY and SOX9 in Mice1. Biology of Reproduction, 2009, 80, 1178-1188. | 2.7 | 44 |
| 103 | Normalizing Gene Expression Levels in Mouse Fetal Germ Cells1. Biology of Reproduction, 2009, 81, 362-370. | 2.7 | 44 |
| 104 | Rapid high-throughput analysis of DNaseI hypersensitive sites using a modified Multiplex Ligation-dependent Probe Amplification approach. BMC Genomics, 2009, 10, 412. | 2.8 | 8 |
| 105 | Expression and evolutionary conservation of the tescalcin gene during development. Gene Expression Patterns, 2009, 9, 273-281. | 0.8 | 20 |
| 106 | Ex vivo magnetofection: A novel strategy for the study of gene function in mouse organogenesis. Developmental Dynamics, 2009, 238, 956-964. | 1.8 | 19 |
| 107 | Threeâ€dimensional visualization of testis cord morphogenesis, a novel tubulogenic mechanism in development. Developmental Dynamics, 2009, 238, 1033-1041. | 1.8 | 82 |
| 108 | Maleâ€specific expression of Aldh1a1 in mouse and chicken fetal testes: Implications for retinoid balance in gonad development. Developmental Dynamics, 2009, 238, 2073-2080. | 1.8 | 43 |

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| 109 | Rapid and reliable determination of transgene zygosity in mice by multiplex ligation-dependent probe amplification. Transgenic Research, 2009, 18, 987-991. | 2.4 | 7 |
| 110 | The avian Z-linked gene DMRT1 is required for male sex determination in the chicken. Nature, 2009, 461, 267-271. | 27.8 | 728 |
| 111 | Robust and ubiquitous GFP expression in a single generation of chicken embryos using the avian retroviral vector, RCASBP. Differentiation, 2009, 77, 473-482. | 1.9 | 31 |
| 112 | Females Battle to Suppress Their Inner Male. Cell, 2009, 139, 1051-1053. | 28.9 | 16 |
| 113 | Endothelial cell migration directs testis cord formation. Developmental Biology, 2009, 326, 112-120. | 2.0 | 164 |
| 114 | Functional analysis of the SRYâ€"KRAB interaction in mouse sex determination. Biology of the Cell, 2009, 101, 55-67. | 2.0 | 15 |
| 115 | Cloning and expression of R-Spondin1in different vertebrates suggests a conserved role in ovarian development. BMC Developmental Biology, 2008, 8, 72. | 2.1 | 120 |
| 116 | Onset of meiosis in the chicken embryo; evidence of a role for retinoic acid. BMC Developmental Biology, 2008, 8, 85. | 2.1 | 125 |
| 117 | Dynamic Regulation of Mitotic Arrest in Fetal Male Germ Cells. Stem Cells, 2008, 26, 339-347. | 3.2 | 247 |
| 118 | Application of a Decision-Support Tool to Assess Pooling Strategies in Perfusion Culture Processes under Uncertainty. Biotechnology Progress, 2008, 21, 1231-1242. | 2.6 | 50 |
| 119 | Testis Development, Fertility, and Survival in Ethanolamine Kinase 2-Deficient Mice. Endocrinology, 2008, 149, 6176-6186. | 2.8 | 8 |
| 120 | The Rhox Homeobox Gene Family Shows Sexually Dimorphic and Dynamic Expression During Mouse Embryonic Gonad Development1. Biology of Reproduction, 2008, 79, 468-474. | 2.7 | 30 |
| 121 | Expression of Wsb2 in the developing and adult mouse testis. Reproduction, 2007, 133, 753-761. | 2.6 | 9 |
| 122 | Characterisation of Urogenital Ridge Gene Expression in the Human Embryonal Carcinoma Cell Line NT2/D1. Sexual Development, 2007, 1, 114-126. | 2.0 | 25 |
| 123 | Sex-specific expression of a novel gene Tmem184a during mouse testis differentiation. Reproduction, 2007, 133, 983-989. | 2.6 | 16 |
| 124 | Human Embryonic Stem Cell Research: An Australian Perspective. Cell, 2007, 128, 221-223. | 28.9 | 7 |
| 125 | Dppa2 and Dppa4 Are Closely Linked SAP Motif Genes Restricted to Pluripotent Cells and the Germ Line. Stem Cells, 2007, 25, 19-28. | 3.2 | 109 |
| 126 | Avian sex determination: what, when and where?. Cytogenetic and Genome Research, 2007, 117, 165-173. | 1.1 | 65 |

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|---|---|---|---|
| 127 | A Framework for the Prediction of Scale-Up When Using Compressible Chromatographic Packings. Biotechnology Progress, 2007, 23, 413-422. | 2.6 | 22 |
| 128 | DYNAMIC REGULATION OF CELL CYCLE AND PLURIPOTENCY IN THE FETAL MALE GERM LINE. Biology of Reproduction, 2007, 77, 72-72. | 2.7 | 0 |
| 129 | A framework for assessing the solutions in chromatographic process design and operation for large-scale manufacture. Journal of Chemical Technology and Biotechnology, 2006, 81, 1009-1020. | 3.2 | 13 |
| 130 | Temporal and spatial expression profile of the novelarmadillo-related gene,Alex2, during testicular differentiation in the mouse embryo. Developmental Dynamics, 2005, 233, 188-193. | 1.8 | 18 |
| 131 | Aromatase inhibition reduces expression of FOXL2 in the embryonic chicken ovary. Developmental Dynamics, 2005, 233, 1052-1055. | 1.8 | 120 |
| 132 | Expression profile of the RNA-binding protein genehermes during chicken embryonic development. Developmental Dynamics, 2005, 233, 1045-1051. | 1.8 | 19 |
| 133 | Conserved expression of a novel gene during gonadal development. Developmental Dynamics, 2005, 233, 1083-1090. | 1.8 | 8 |
| 134 | Annexin XI co-localises with calcyclin in proliferating cells of the embryonic mouse testis. Developmental Dynamics, 2005, 234, 432-437. | 1.8 | 14 |
| 135 | Novel scavenger receptor gene is differentially expressed in the embryonic and adult mouse testis. Developmental Dynamics, 2005, 234, 1026-1033. | 1.8 | 15 |
| 136 | Evaluation of candidate markers for the peritubular myoid cell lineage in the developing mouse testis. Reproduction, 2005, 130, 509-516. | 2.6 | 48 |
| 137 | A Long-term Outcome Study of Intersex Conditions. Journal of Pediatric Endocrinology and Metabolism, 2005, 18, 555-67. | 0.9 | 139 |
| 138 | Male-specific cell migration into the developing gonad is a conserved process involving PDGF signalling. Developmental Biology, 2005, 284, 337-350. | 2.0 | 57 |
| 139 | Second report on chicken genes and chromosomes 2005. Cytogenetic and Genome Research, 2005, 109, 415-479. | 1.1 | 136 |
| 140 | Pre-Sertoli Specific Gene Expression Profiling Reveals Differential Expression of Ppt1 and Brd3 Genes Within the Mouse Genital Ridge at the Time of Sex Determination1. Biology of Reproduction, 2004, 71, 820-827. | 2.7 | 29 |
| 141 | Eki2 is upregulated specifically in the testis during mouse sex determination. Gene Expression Patterns, 2004, 4, 135-140. | 0.8 | 7 |
| 142 | Sex determination: insights from the chicken. BioEssays, 2004, 26, 120-132. | 2.5 | 303 |
| 143 | Molecular genetics of gonad development. , 2004, , 9-21. | | 0 |
| 144 | Sox15 is up regulated in the embryonic mouse testis. Gene Expression Patterns, 2003, 3, 413-417. | 0.8 | 18 |

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| 145 | Subtractive hybridisation screen identifies sexually dimorphic gene expression in the embryonic mouse gonad. Genesis, 2003, 37, 84-90. | 1.6 | 44 |
| 146 | Occasional Article. Journal of Paediatrics and Child Health, 2003, 39, 406-413. | 0.8 | 38 |
| 147 | Type II and Type IX Collagen Transcript Isoforms Are Expressed During Mouse Testis Development. Biology of Reproduction, 2003, 68, 1742-1747. | 2.7 | 35 |
| 148 | DMRT1 Is Upregulated in the Gonads During Female-to-Male Sex Reversal in ZW Chicken Embryos1. Biology of Reproduction, 2003, 68, 560-570. | 2.7 | 161 |
| 149 | Vertebrate sex determination: many means to an end. Reproduction, 2002, 124, 447-457. | 2.6 | 161 |
| 150 | Restricted expression of DMRT3 in chicken and mouse embryos. Mechanisms of Development, 2002, 119, S73-S76. | 1.7 | 34 |
| 151 | FET-1: a novel W-linked, female specific gene up-regulated in the embryonic chicken ovary. Mechanisms of Development, 2002, 119, S87-S90. | 1.7 | 39 |
| 152 | A comparative analysis of vertebrate sex determination. Novartis Foundation Symposium, 2002, 244, 102-11; discussion 111-4, 203-6, 253-7. | 1.1 | 11 |
| 153 | Rapid DNA extraction and PCR-sexing of mouse embryos. Molecular Reproduction and Development, 2001, 60, 225-226. | 2.0 | 122 |
| 154 | Sex, genes, and heat: Triggers of diversity. The Journal of Experimental Zoology, 2001, 290, 624-631. | 1.4 | 31 |
| 155 | Sex determination in the chicken embryo. The Journal of Experimental Zoology, 2001, 290, 691-699. | 1.4 | 56 |
| 156 | ASW : a gene with conserved avian W-linkage and female specific expression in chick embryonic gonad. Development Genes and Evolution, 2000, 210, 243-249. | 0.9 | 112 |
| 157 | SOX14 is a candidate gene for limb defects associated with BPES and Mï¿½bius syndrome. Human Genetics, 2000, 106, 269-276. | 3.8 | 15 |
| 158 | Cloning and expression of a DAX1 homologue in the chicken embryo. Journal of Molecular Endocrinology, 2000, 24, 23-32. | 2.5 | 57 |
| 159 | Temperature-dependent sex determination in the American alligator: expression of SF1, WT1 and DAX1 during gonadogenesis. Gene, 2000, 241, 223-232. | 2.2 | 100 |
| 160 | SOX14 is a candidate gene for limb defects associated with BPES and MÃ¶bius syndrome. Human Genetics, 2000, 106, 269-276. | 3.8 | 17 |
| 161 | SOX8 expression during chick embryogenesis. Mechanisms of Development, 2000, 94, 257-260. | 1.7 | 42 |
| 162 | Isolation and expression of a novel member of the CITED family. Mechanisms of Development, 2000, 95, 305-308. | 1.7 | 20 |

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| 163 | The Cell Biology and Molecular Genetics of Testis Determination. Results and Problems in Cell Differentiation, 2000, 28, 23-52. | 0.7 | 3 |
| 164 | Conservation of a sex-determining gene. Nature, 1999, 402, 601-602. | 27.8 | 359 |
| 165 | Expression of Chicken Steroidogenic Factor-1 during Gonadal Sex Differentiation. General and Comparative Endocrinology, 1999, 113, 187-196. | 1.8 | 63 |
| 166 | Temperature-dependent sex determination: Upregulation ofSOX9 expression after commitment to male development. Developmental Dynamics, 1999, 214, 171-177. | 1.8 | 132 |
| 167 | Temperature-dependent sex determination in the american alligator:AMH precedesSOX9 expression. Developmental Dynamics, 1999, 216, 411-419. | 1.8 | 128 |
| 168 | Kallmann syndrome gene (KAL-X) is not mutated in schizophrenia. , 1999, 88, 34-37. | | 7 |
| 169 | Gene expression during gonadogenesis in the chicken embryo. Gene, 1999, 234, 395-402. | 2.2 | 134 |
| 170 | Temperature-dependent sex determination in the american alligator: AMH precedes SOX9 expression. , 1999, 216, 411. | | 2 |
| 171 | Temperatureâ€dependent sex determination: Upregulation of SOX9 expression after commitment to male development. Developmental Dynamics, 1999, 214, 171-177. | 1.8 | 3 |
| 172 | Novel mutation in the SRY gene results in 46,XY gonadal dysgenesis. Human Mutation, 1998, 11, S110-S111. | 2.5 | 4 |
| 173 | Mutation analysis of the SOX9 gene in a patient with campomelic dysplasia. Human Mutation, 1998, 11, S112-S113. | 2.5 | 21 |
| 174 | Human sex determination. , 1998, 281, 501-505. | | 15 |
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