# Andrew J Pask

List of Publications by Year
in descending order



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|---|---|---|---|
| 113 papers | 4,112 citations | 185998 28 h-index | 138251 58 g-index |
| 118 all docs | 118 docs citations | 118 times ranked | 5019 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Strategies for meiotic sex chromosome dynamics and telomeric elongation in Marsupials. PLoS Genetics, 2022, 18, e1010040. | 1.5 | 9 |
| 2 | A Chromosome-Scale Hybrid Genome Assembly of the Extinct Tasmanian Tiger (<i>Thylacinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 | 1.1 | 7 |
| 3 | Oestrogen regulates SOX9 bioavailability by rapidly activating ERK1/2 and stabilising microtubules in a human testis-derived cell line. Experimental Cell Research, 2021, 398, 112405. | 1.2 | 3 |
| 4 | Erectile Dysfunction in Men on the Rise: Is There a Link with Endocrine Disrupting Chemicals?. Sexual Development, 2021, 15, 187-212. | 1.1 | 10 |
| 5 | Endocrine disrupting chemicals in the pathogenesis of hypospadias; developmental and toxicological perspectives. Current Research in Toxicology, 2021, 2, 179-191. | 1.3 | 25 |
| 6 | Annotation of immune genes in the extinct thylacine (Thylacinus cynocephalus). Immunogenetics, 2021, 73, 263-275. | 1.2 | 3 |
| 7 | Oestrogen Activates the MAP3K1 Cascade and Î²-Catenin to Promote Granulosa-like Cell Fate in a Human Testis-Derived Cell Line. International Journal of Molecular Sciences, 2021, 22, 10046. | 1.8 | 0 |
| 8 | Postnatal development in a marsupial model, the fat-tailed dunnart (Sminthopsis crassicaudata;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 | 2.0 | 14 |
| 9 | Ontogenetic origins of cranial convergence between the extinct marsupial thylacine and placental gray wolf. Communications Biology, 2021, 4, 51. | 2.0 | 11 |
| 10 | Spatiotemporal map of key signalling factors during early penis development. Developmental Dynamics, 2021, , . | 0.8 | 3 |
| 11 | Atrazine induces penis abnormalities including hypospadias in mice. Journal of Developmental Origins of Health and Disease, 2020, 11, 246-249. | 0.7 | 11 |
| 12 | A novel long non-coding RNA, Leat1, causes reduced anogenital distance and fertility in female mice. Differentiation, 2020, 112, 1-6. | 1.0 | 6 |
| 13 | Exogenous Oestrogen Impacts Cell Fate Decision in the Developing Gonads: A Potential Cause of Declining Human Reproductive Health. International Journal of Molecular Sciences, 2020, 21, 8377. | 1.8 | 12 |
| 14 | Long-term maternal exposure to atrazine in the drinking water reduces penis length in the tammar wallaby Macropus eugenii. Reproduction, Fertility and Development, 2020, , . | 0.1 | 1 |
| 15 | Estrogen suppresses SOX9 and activates markers of female development in a human testis-derived cell line. BMC Molecular and Cell Biology, 2020, 21, 66. | 1.0 | 12 |
| 16 | Discrete Hedgehog Factor Expression and Action in the Developing Phallus. International Journal of Molecular Sciences, 2020, 21, 1237. | 1.8 | 5 |
| 17 | CHD9 upregulates RUNX2 and has a potential role in skeletal evolution. BMC Molecular and Cell Biology, 2020, 21, 27. | 1.0 | 9 |
| 18 | Evolution and expansion of the RUNX2 QA repeat corresponds with the emergence of vertebrate complexity. Communications Biology, 2020, 3, 771. | 2.0 | 12 |

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|---|---|---|---|
| 19 | Reproduction in a polluted world: implications for wildlife. Reproduction, 2020, 160, R13-R23. | 1.1 | 35 |
| 20 | Of eyes and embryos: subfunctionalization of theCRXhomeobox gene in mammalian evolution. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190830. | 1.2 | 6 |
| 21 | A loss of estrogen signaling in the aromatase deficient mouse penis results in mild hypospadias. Differentiation, 2019, 109, 42-52. | 1.0 | 19 |
| 22 | Widespread cis-regulatory convergence between the extinct Tasmanian tiger and gray wolf. Genome Research, 2019, 29, 1648-1658. | 2.4 | 18 |
| 23 | A critical role for estrogen signaling in penis development. FASEB Journal, 2019, 33, 10383-10392. | 0.2 | 27 |
| 24 | DNA methylation dynamics in the germline of the marsupial tammar wallaby,Macropus eugenii. DNA Research, 2019, 26, 85-94. | 1.5 | 11 |
| 25 | Androgen and Oestrogen Affect the Expression of Long Non-Coding RNAs During Phallus Development in a Marsupial. Non-coding RNA, 2019, 5, 3. | 1.3 | 7 |
| 26 | Exposure to atrazine during puberty reduces sperm viability, increases weight gain and alters the expression of key metabolic genes in the liver of male mice. Reproduction, Fertility and Development, 2019, 31, 920. | 0.1 | 24 |
| 27 | Transcriptomic Analysis of MAP3K1 and MAP3K4 in the Developing Marsupial Gonad. Sexual Development, 2019, 13, 195-204. | 1.1 | 3 |
| 28 | Effects of androgen and oestrogen on IGF pathways controlling phallus growth. Reproduction, 2019, 157, 1-12. | 1.1 | 7 |
| 29 | Foreword to â€˜Reproduction Down Underâ€™. Reproduction, Fertility and Development, 2019, 31, iii. | 0.1 | 0 |
| 30 | Letting the â€˜catâ€™ out of the bag: pouch young development of the extinct Tasmanian tiger revealed by X-ray computed tomography. Royal Society Open Science, 2018, 5, 171914. | 1.1 | 15 |
| 31 | Genome of the Tasmanian tiger provides insights into the evolution and demography of an extinct marsupial carnivore. Nature Ecology and Evolution, 2018, 2, 182-192. | 3.4 | 78 |
| 32 | Hormone-responsive genes in the SHH and WNT/Î²-catenin signaling pathways influence urethral closure and phallus growthâ€. Biology of Reproduction, 2018, 99, 806-816. | 1.2 | 17 |
| 33 | In utero exposure to both high- and low-dose diethylstilbestrol disrupts mouse genital tubercle developmentâ€. Biology of Reproduction, 2018, 99, 1184-1193. | 1.2 | 20 |
| 34 | Genetic Mechanisms of Sex Determination. , 2018, , 245-249. | | 3 |
| 35 | Prostaglandin D<sub>2</sub> Regulates SOX9 Nuclear Translocation during Gonadal Sex Determination in Tammar Wallaby, <b><i>Macropus eugenii</i></b>. Sexual Development, 2017, 11, 143-150. | 1.1 | 4 |
| 36 | Flutamide-induced hypospadias in rats: A critical assessment. Differentiation, 2017, 94, 37-57. | 1.0 | 23 |

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|---|---|---|---|
| 37 | Stressâ€induced changes in color expression mediated by iridophores in a polymorphic lizard. Ecology and Evolution, 2017, 7, 8262-8272. | 0.8 | 20 |
| 38 | RUNX2 repeat variation does not drive craniofacial diversity in marsupials. BMC Evolutionary Biology, 2017, 17, 110. | 3.2 | 14 |
| 39 | Best practice data life cycle approaches for the life sciences. F1000Research, 2017, 6, 1618. | 0.8 | 23 |
| 40 | The X factor: X chromosome dosage compensation in the evolutionarily divergent monotremes and marsupials. Seminars in Cell and Developmental Biology, 2016, 56, 117-121. | 2.3 | 20 |
| 41 | The Reproductive System. Advances in Experimental Medicine and Biology, 2016, 886, 1-12. | 0.8 | 8 |
| 42 | DAX1/NR0B1 Was Expressed During Mammalian Gonadal Development and Gametogenesis Before It Was Recruited to the Eutherian X Chromosome1. Biology of Reproduction, 2015, 92, 22. | 1.2 | 12 |
| 43 | A Comprehensive Atlas of the Adult Mouse Penis. Sexual Development, 2015, 9, 162-172. | 1.1 | 41 |
| 44 | The Genetic and Environmental Factors Underlying Hypospadias. Sexual Development, 2015, 9, 239-259. | 1.1 | 142 |
| 45 | Heterochrony in the regulation of the developing marsupial limb. Developmental Dynamics, 2014, 243, 324-338. | 0.8 | 26 |
| 46 | ARX/Arx is expressed in germ cells during spermatogenesis in both marsupial and mouse. Reproduction, 2014, 147, 279-289. | 1.1 | 8 |
| 47 | Early cell lineage specification in a marsupial: a case for diverse mechanisms among mammals. Development (Cambridge), 2013, 140, 965-975. | 1.2 | 46 |
| 48 | Evolutionary history of novel genes on the tammar wallaby Y chromosome: Implications for sex chromosome evolution. Genome Research, 2012, 22, 498-507. | 2.4 | 32 |
| 49 | Mice Harboring Gnrhr E90K, a Mutation that Causes Protein Misfolding and Hypogonadotropic Hypogonadism in Humans, Exhibit Testis Size Reduction and Ovulation Failure. Molecular Endocrinology, 2012, 26, 1847-1856. | 3.7 | 22 |
| 50 | GRB10 Imprinting Is Eutherian Mammal Specific. Molecular Biology and Evolution, 2012, 29, 3711-3719. | 3.5 | 11 |
| 51 | Seminiferous Cord Formation Is Regulated by Hedgehog Signaling in the Marsupial1. Biology of Reproduction, 2012, 86, 80. | 1.2 | 10 |
| 52 | Selected imprinting of INS in the marsupial. Epigenetics and Chromatin, 2012, 5, 14. | 1.8 | 25 |
| 53 | Unique small RNA signatures uncovered in the tammar wallaby genome. BMC Genomics, 2012, 13, 559. | 1.2 | 13 |
| 54 | Limited Genetic Diversity Preceded Extinction of the Tasmanian Tiger. PLoS ONE, 2012, 7, e35433. | 1.1 | 21 |

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|---|---|---|---|
| 55 | Promoter-Specific Expression and Imprint Status of Marsupial IGF2. PLoS ONE, 2012, 7, e41690. | 1.1 | 9 |
| 56 | HOXA13 and HOXD13 expression during development of the syndactylous digits in the marsupial Macropus eugenii. BMC Developmental Biology, 2012, 12, 2. | 2.1 | 21 |
| 57 | Evolution of coding and non-coding genes in HOX clusters of a marsupial. BMC Genomics, 2012, 13, 251. | 1.2 | 47 |
| 58 | Maturation of the growth axis in marsupials occurs gradually during post-natal life and over an equivalent developmental stage relative to eutherian species. Molecular and Cellular Endocrinology, 2012, 349, 189-194. | 1.6 | 11 |
| 59 | A role for estrogen in somatic cell fate of the mammalian gonad. Chromosome Research, 2012, 20, 239-245. | 1.0 | 18 |
| 60 | Insights on Imprinting from Beyond Mice and Men. Methods in Molecular Biology, 2012, 925, 263-275. | 0.4 | 8 |
| 61 | Genome sequence of an Australian kangaroo, Macropus eugenii, provides insight into the evolution of mammalian reproduction and development. Genome Biology, 2011, 12, 414. | 13.9 | 22 |
| 62 | Genome sequence of an Australian kangaroo, Macropus eugenii, provides insight into the evolution of mammalian reproduction and development. Genome Biology, 2011, 12, R81. | 13.9 | 167 |
| 63 | Localization of the Chromatin Remodelling Protein, ATRX in the Adult Testis. Journal of Reproduction and Development, 2011, 57, 317-321. | 0.5 | 9 |
| 64 | Desert hedgehogis a mammal-specific gene expressed during testicular and ovarian development in a marsupial. BMC Developmental Biology, 2011, 11, 72. | 2.1 | 28 |
| 65 | Enhancing genome assemblies by integrating non-sequence based data. BMC Proceedings, 2011, 5, S7. | 1.8 | 5 |
| 66 | Placental expression of pituitary hormones is an ancestral feature of therian mammals. EvoDevo, 2011, 2, 16. | 1.3 | 21 |
| 67 | ATRX has a critical and conserved role in mammalian sexual differentiation. BMC Developmental Biology, 2011, 11, 39. | 2.1 | 16 |
| 68 | Differential roles of TGIF family genes in mammalian reproduction. BMC Developmental Biology, 2011, 11, 58. | 2.1 | 23 |
| 69 | Kallmann Syndrome 1 Gene Is Expressed in the Marsupial Gonad1. Biology of Reproduction, 2011, 84, 595-603. | 1.2 | 11 |
| 70 | DDX4 (VASA) Is Conserved in Germ Cell Development in Marsupials and Monotremes1. Biology of Reproduction, 2011, 85, 733-743. | 1.2 | 41 |
| 71 | Reproductive and Developmental Manipulation of the Marsupial, the Tammar Wallaby Macropus eugenii. Methods in Molecular Biology, 2011, 770, 457-473. | 0.4 | 4 |
| 72 | Ontogeny of the oestrogen receptors ESR1 and ESR2 during gonadal development in the tammar wallaby, Macropus eugenii. Reproduction, 2010, 139, 599-611. | 1.1 | 15 |

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|---|---|---|---|
| 73 | Oestrogen blocks the nuclear entry of SOX9 in the developing gonad of a marsupial mammal. BMC Biology, 2010, 8, 113. | 1.7 | 58 |
| 74 | The evolution of class V POU domain transcription factors in vertebrates and their characterisation in a marsupial. Developmental Biology, 2010, 337, 162-170. | 0.9 | 72 |
| 75 | Molecular Regulation of Marsupial Reproduction and Development. , 2010, , 285-316. | | 7 |
| 76 | The Evolution of Genomic Imprinting â€“ A Marsupial Perspective. , 2010, , 233-257. | | 2 |
| 77 | Eggs, embryos and the evolution of imprinting: insights from the platypus genome. Reproduction, Fertility and Development, 2009, 21, 935. | 0.1 | 21 |
| 78 | A-kinase anchoring protein 4 has a conserved role in mammalian spermatogenesis. Reproduction, 2009, 137, 645-653. | 1.1 | 26 |
| 79 | Comparative analysis of the mammalian WNT4 promoter. BMC Genomics, 2009, 10, 416. | 1.2 | 12 |
| 80 | Evolution of Genomic Imprinting: Insights from Marsupials and Monotremes. Annual Review of Genomics and Human Genetics, 2009, 10, 241-262. | 2.5 | 141 |
| 81 | Characterisation of ATRX, DMRT1, DMRT7 and WT1 in the platypus (Ornithorhynchus anatinus). Reproduction, Fertility and Development, 2009, 21, 985. | 0.1 | 14 |
| 82 | Analysis of the platypus genome suggests a transposon origin for mammalian imprinting. Genome Biology, 2009, 10, R1. | 13.9 | 272 |
| 83 | Formation of 5Î±-reduced androgens in the testes and urogenital tract of the grey short-tailed opossum, Monodelphis domestica. Reproduction, Fertility and Development, 2009, 21, 649. | 0.1 | 8 |
| 84 | Physical map of two tammar wallaby chromosomes: A strategy for mapping in non-model mammals. Chromosome Research, 2008, 16, 1159-1175. | 1.0 | 63 |
| 85 | Expression and protein localisation of IGF2 in the marsupial placenta. BMC Developmental Biology, 2008, 8, 17. | 2.1 | 21 |
| 86 | Genome analysis of the platypus reveals unique signatures of evolution. Nature, 2008, 453, 175-183. | 13.7 | 657 |
| 87 | Conservation of the H19 noncoding RNA and H19-IGF2 imprinting mechanism in therians. Nature Genetics, 2008, 40, 971-976. | 9.4 | 169 |
| 88 | Evolution of the CDKN1C-KCNQ1 imprinted domain. BMC Evolutionary Biology, 2008, 8, 163. | 3.2 | 40 |
| 89 | Exon 3 of the growth hormone receptor (GH-R) is specific to eutherian mammals. Molecular and Cellular Endocrinology, 2008, 296, 64-68. | 1.6 | 8 |
| 90 | The Evolution of the DLK1-DIO3 Imprinted Domain in Mammals. PLoS Biology, 2008, 6, e135. | 2.6 | 162 |

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|---|---|---|---|
| 91 | Genomic imprinting in marsupial placentation. Reproduction, 2008, 136, 523-531. | 1.1 | 58 |
| 92 | Resurrection of DNA Function In Vivo from an Extinct Genome. PLoS ONE, 2008, 3, e2240. | 1.1 | 22 |
| 93 | Topical Oestrogen Keratinises The Human Foreskin and May Help Prevent HIV Infection. PLoS ONE, 2008, 3, e2308. | 1.1 | 18 |
| 94 | Retrotransposon Silencing by DNA Methylation Can Drive Mammalian Genomic Imprinting. PLoS Genetics, 2007, 3, e55. | 1.5 | 181 |
| 95 | Marsupial WT1 Has a Novel Isoform and Is Expressed in Both Somatic and Germ Cells in the Developing Ovary and Testis. Sexual Development, 2007, 1, 169-180. | 1.1 | 5 |
| 96 | Insulin is imprinted in the placenta of the marsupial, Macropus eugenii. Developmental Biology, 2007, 309, 317-328. | 0.9 | 37 |
| 97 | Sexual development of a model marsupial male. Australian Journal of Zoology, 2006, 54, 151. | 0.6 | 13 |
| 98 | Differential expression of WNT4 in testicular and ovarian development in a marsupial. BMC Developmental Biology, 2006, 6, 44. | 2.1 | 25 |
| 99 | Recent Assembly of an Imprinted Domain from Non-Imprinted Components. PLoS Genetics, 2006, 2, e182. | 1.5 | 84 |
| 100 | A Novel Mouse Model of Hypogonadotrophic Hypogonadism: N-Ethyl-N-Nitrosourea-Induced Gonadotropin-Releasing Hormone Receptor Gene Mutation. Molecular Endocrinology, 2005, 19, 972-981. | 3.7 | 64 |
| 101 | Characterisation of the marsupial-specific ATRY gene: Implications for the evolution of male-specific function. Gene, 2005, 362, 29-36. | 1.0 | 7 |
| 102 | Genomic imprinting of IGF2, p57KIP2 and PEG1/MEST in a marsupial, the tammar wallaby. Mechanisms of Development, 2005, 122, 213-222. | 1.7 | 132 |
| 103 | Marsupial Anti-MÃ¼llerian Hormone Gene Structure, Regulatory Elements, and Expression1. Biology of Reproduction, 2004, 70, 160-167. | 1.2 | 29 |
| 104 | Molecular characterization and evolution of X and Y-borne ATRX homologues in American marsupials. Chromosome Research, 2004, 12, 795-804. | 1.0 | 12 |
| 105 | Comparative analysis of ATRX, a chromatin remodeling protein. Gene, 2004, 339, 39-48. | 1.0 | 16 |
| 106 | 3â€² RACE Walking along a Large cDNA Employing Tiered Suppression PCR. BioTechniques, 2003, 34, 750-756. | 0.8 | 12 |
| 107 | SOX9 has both conserved and novel roles in marsupial sexual differentiation. Genesis, 2002, 33, 131-139. | 0.8 | 28 |
| 108 | Characterization of steroidogenic factor 1 during sexual differentiation in a marsupial. Gene, 2001, 277, 209-219. | 1.0 | 13 |

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|---|---|---|---|
| 109 | Sex down under: the differentiation of sexual dimorphisms during marsupial development. Reproduction, Fertility and Development, 2001, 13, 679. | 0.1 | 48 |
| 110 | Sex determining genes and sexual differentiation in a marsupial. The Journal of Experimental Zoology, 2001, 290, 586-596. | 1.4 | 17 |
| 111 | Sex chromosomes and sex-determining genes: insights from marsupials and monotremes. Exs, 2001, , 71-95. | 1.4 | 11 |
| 112 | Absence ofSOX3 in the developing marsupial gonad is not consistent with a conserved role in mammalian sex determination. Genesis, 2000, 27, 145-152. | 0.8 | 32 |
| 113 | The Candidate Sex-ReversingDAX1Gene Is Autosomal in Marsupials: Implications for the Evolution of Sex Determination in Mammals. Genomics, 1997, 41, 422-426. | 1.3 | 35 |