

Marilyn B Renfree

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261
papers

8,115
citations

45
h-index

79
g-index

279
ext. papers

9,031
ext. citations

6.5
avg, IF

5.87
L-index

#	Paper	IF	Citations
261	Genome analysis of the platypus reveals unique signatures of evolution. <i>Nature</i> , 2008 , 453, 175-83	50.4	545
260	Reproductive Physiology of Marsupials 1987 ,		313
259	Evolution of sex determination and the Y chromosome: SRY-related sequences in marsupials. <i>Nature</i> , 1992 , 359, 531-3	50.4	210
258	Diapause. <i>Annual Review of Physiology</i> , 2000 , 62, 353-75	23.1	195
257	Primary genetic control of somatic sexual differentiation in a mammal. <i>Nature</i> , 1988 , 331, 716-7	50.4	193
256	Analysis of the platypus genome suggests a transposon origin for mammalian imprinting. <i>Genome Biology</i> , 2009 , 10, R1	18.3	152
255	5alpha-androstane-3alpha,17beta-diol is formed in tammar wallaby pouch young testes by a pathway involving 5alpha-pregnane-3alpha,17alpha-diol-20-one as a key intermediate. <i>Endocrinology</i> , 2003 , 144, 575-80	4.8	146
254	Retrotransposon silencing by DNA methylation can drive mammalian genomic imprinting. <i>PLoS Genetics</i> , 2007 , 3, e55	6	145
253	Genome sequence of an Australian kangaroo, <i>Macropus eugenii</i> , provides insight into the evolution of mammalian reproduction and development. <i>Genome Biology</i> , 2011 , 12, R81	18.3	142
252	Conservation of the H19 noncoding RNA and H19-IGF2 imprinting mechanism in therians. <i>Nature Genetics</i> , 2008 , 40, 971-6	36.3	141
251	The evolution of the DLK1-DIO3 imprinted domain in mammals. <i>PLoS Biology</i> , 2008 , 6, e135	9.7	130
250	The origin and evolution of genomic imprinting and viviparity in mammals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120151	5.8	118
249	Intrauterine development after diapause in the marsupial <i>Macropus eugenii</i> . <i>Developmental Biology</i> , 1973 , 32, 28-40	3.1	115
248	Genomic imprinting of IGF2, p57(KIP2) and PEG1/MEST in a marsupial, the tammar wallaby. <i>Mechanisms of Development</i> , 2005 , 122, 213-22	1.7	112
247	Rsx is a metatherian RNA with Xist-like properties in X-chromosome inactivation. <i>Nature</i> , 2012 , 487, 254-8	50.4	111
246	Evolution of genomic imprinting: insights from marsupials and monotremes. <i>Annual Review of Genomics and Human Genetics</i> , 2009 , 10, 241-62	9.7	111
245	The marsupial placenta: a phylogenetic analysis. <i>The Journal of Experimental Zoology</i> , 2003 , 299, 59-77		104

244	Adaptation and conservation insights from the koala genome. <i>Nature Genetics</i> , 2018 , 50, 1102-1111	36.3	102
243	Control of reproduction in macropodid marsupials. <i>Journal of Endocrinology</i> , 1974 , 63, 589-614	4.7	99
242	Retroviral envelope gene captures and syncytin exaptation for placentation in marsupials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E487-96	11.5	95
241	Prostate formation in a marsupial is mediated by the testicular androgen 5 alpha-androstane-3 alpha,17 beta-diol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 12256-9	11.5	95
240	Maternal regulation of milk composition, milk production, and pouch young development during lactation in the tammar wallaby (<i>Macropus eugenii</i>). <i>Biology of Reproduction</i> , 2003 , 68, 929-36	3.9	90
239	Widespread expression of the testis-determining gene SRY in a marsupial. <i>Nature Genetics</i> , 1995 , 11, 347-9	36.3	88
238	Review: Marsupials: placental mammals with a difference. <i>Placenta</i> , 2010 , 31 Suppl, S21-6	3.4	82
237	Rewinding the process of mammalian extinction. <i>Zoo Biology</i> , 2016 , 35, 280-92	1.6	79
236	The mammalian yolk sac placenta. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009 , 312, 545-54	1.8	78
235	Contraceptive effects of extended lactational amenorrhoea: beyond the Bellagio Consensus. <i>Lancet, The</i> , 1991 , 337, 715-7	4.0	78
234	Estrogen-induced gonadal sex reversal in the tammar wallaby. <i>Biology of Reproduction</i> , 2001 , 65, 613-21	3.9	76
233	The composition of fetal fluids of the marsupial <i>Macropus eugenii</i> . <i>Developmental Biology</i> , 1973 , 33, 62-79	3.1	75
232	The enigma of embryonic diapause. <i>Development (Cambridge)</i> , 2017 , 144, 3199-3210	6.6	74
231	Successful intra- and interspecific male germ cell transplantation in the rat. <i>Biology of Reproduction</i> , 2003 , 68, 961-7	3.9	73
230	Evolution of vertebrate interferon inducible transmembrane proteins. <i>BMC Genomics</i> , 2012 , 13, 155	4.5	71
229	Recent assembly of an imprinted domain from non-imprinted components. <i>PLoS Genetics</i> , 2006 , 2, e182	6	71
228	The evolution of class V POU domain transcription factors in vertebrates and their characterisation in a marsupial. <i>Developmental Biology</i> , 2010 , 337, 162-70	3.1	67
227	Influence of the embryo on the marsupial uterus. <i>Nature</i> , 1972 , 240, 475-7	50.4	64

226	Ancient antimicrobial peptides kill antibiotic-resistant pathogens: Australian mammals provide new options. <i>PLoS ONE</i> , 2011 , 6, e24030	3.7	61
225	Sexual differentiation of the urogenital system of the fetal and neonatal tammar wallaby, <i>Macropus eugenii</i> . <i>Anatomy and Embryology</i> , 1996 , 194, 111-34		60
224	Proteins in the uterine secretions of the marsupial <i>Macropus eugenii</i> . <i>Developmental Biology</i> , 1973 , 32, 41-9	3.1	59
223	Sexual differentiation in three unconventional mammals: spotted hyenas, elephants and tammar wallabies. <i>Hormones and Behavior</i> , 2005 , 48, 403-17	3.7	58
222	Physical map of two tammar wallaby chromosomes: a strategy for mapping in non-model mammals. <i>Chromosome Research</i> , 2008 , 16, 1159-75	4.4	56
221	Steroid hormone content of the gonads of the tammar wallaby during sexual differentiation. <i>Biology of Reproduction</i> , 1992 , 47, 644-7	3.9	55
220	Androgen physiology: unsolved problems at the millennium. <i>Molecular and Cellular Endocrinology</i> , 2002 , 198, 1-5	4.4	54
219	Oestrogen blocks the nuclear entry of SOX9 in the developing gonad of a marsupial mammal. <i>BMC Biology</i> , 2010 , 8, 113	7.3	48
218	Genomic imprinting in marsupial placentation. <i>Reproduction</i> , 2008 , 136, 523-31	3.8	48
217	Ultrastructure of the placenta of the tammar wallaby, <i>Macropus eugenii</i> : comparison with the grey short-tailed opossum, <i>Monodelphis domestica</i> . <i>Journal of Anatomy</i> , 2002 , 201, 101-19	2.9	44
216	Embryos and embryonic stem cells from the white rhinoceros. <i>Nature Communications</i> , 2018 , 9, 2589	17.4	43
215	Initiation of development of diapausing embryo by mammary denervation during lactation in a marsupial. <i>Nature</i> , 1979 , 278, 549-51	50.4	43
214	On the origin of POU5F1. <i>BMC Biology</i> , 2013 , 11, 56	7.3	42
213	Effects of a gonadotropin-releasing hormone agonist implant on reproduction in a male marsupial, <i>Macropus eugenii</i> . <i>Biology of Reproduction</i> , 2004 , 70, 1836-42	3.9	42
212	Abolition of seasonal embryonic diapause in a wallaby by pineal denervation. <i>Nature</i> , 1981 , 293, 138-9	50.4	41
211	Evidence for a local fetal influence on myometrial oxytocin receptors during pregnancy in the tammar wallaby (<i>Macropus eugenii</i>). <i>Biology of Reproduction</i> , 1997 , 56, 200-7	3.9	40
210	Early cell lineage specification in a marsupial: a case for diverse mechanisms among mammals. <i>Development (Cambridge)</i> , 2013 , 140, 965-75	6.6	38
209	Sex down under: the differentiation of sexual dimorphisms during marsupial development. <i>Reproduction, Fertility and Development</i> , 2001 , 13, 679-90	1.8	38

208	Mammalian diversity: gametes, embryos and reproduction. <i>Reproduction, Fertility and Development</i> , 2006 , 18, 99-107	1.8	37
207	The marsupial model for male phenotypic development. <i>Trends in Endocrinology and Metabolism</i> , 2002 , 13, 78-83	8.8	37
206	Developmentally regulated thyroid hormone distributor proteins in marsupials, a reptile, and fish. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R1264-72 ^{3.2}	3.2	36
205	The mammalian blastocyst. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2016 , 5, 210-32	5.9	35
204	Wolffian duct development. <i>Sexual Development</i> , 2014 , 8, 273-80	1.6	35
203	Evolution of coding and non-coding genes in HOX clusters of a marsupial. <i>BMC Genomics</i> , 2012 , 13, 251	4.5	35
202	A new role for muscle segment homeobox genes in mammalian embryonic diapause. <i>Open Biology</i> , 2013 , 3, 130035	7	35
201	Proteomics and deep sequencing comparison of seasonally active venom glands in the platypus reveals novel venom peptides and distinct expression profiles. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, 1354-64	7.6	35
200	Society for Reproductive Biology FoundersTlecture 2006 - life in the pouch: womb with a view. <i>Reproduction, Fertility and Development</i> , 2006 , 18, 721-34	1.8	35
199	Cooperativity of imprinted genes inactivated by acquired chromosome 20q deletions. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2169-82	15.9	35
198	Cross-fostering of the tammar wallaby (<i>Macropus eugenii</i>) pouch young accelerates fore-stomach maturation. <i>Mechanisms of Development</i> , 2009 , 126, 449-63	1.7	34
197	DDX4 (VASA) is conserved in germ cell development in marsupials and monotremes. <i>Biology of Reproduction</i> , 2011 , 85, 733-43	3.9	31
196	Evolution of the CDKN1C-KCNQ1 imprinted domain. <i>BMC Evolutionary Biology</i> , 2008 , 8, 163	3	31
195	Insulin is imprinted in the placenta of the marsupial, <i>Macropus eugenii</i> . <i>Developmental Biology</i> , 2007 , 309, 317-28	3.1	31
194	Virilization of the urogenital sinus of the tammar wallaby is not unique to 5alpha-androstane-3alpha,17beta-diol. <i>Molecular and Cellular Endocrinology</i> , 2001 , 181, 111-5	4.4	31
193	Virilization of the male pouch young of the tammar wallaby does not appear to be mediated by plasma testosterone or dihydrotestosterone. <i>Biology of Reproduction</i> , 1999 , 61, 471-5	3.9	31
192	Embryo-endometrial interactions during early development after embryonic diapause in the marsupial tammar wallaby. <i>International Journal of Developmental Biology</i> , 2014 , 58, 175-81	1.9	29
191	Evolutionary history of novel genes on the tammar wallaby Y chromosome: Implications for sex chromosome evolution. <i>Genome Research</i> , 2012 , 22, 498-507	9.7	29

190	Unsolved problems in male physiology: studies in a marsupial. <i>Molecular and Cellular Endocrinology</i> , 2003 , 211, 33-6	4.4	29
189	Absence of SOX3 in the developing marsupial gonad is not consistent with a conserved role in mammalian sex determination. <i>Genesis</i> , 2000 , 27, 145-152	1.9	29
188	Penile development is initiated in the tammar wallaby pouch young during the period when 5alpha-androstane-3alpha,17beta-diol is secreted by the testes. <i>Endocrinology</i> , 2004 , 145, 3346-52	4.8	28
187	Marsupial anti-Mullerian hormone gene structure, regulatory elements, and expression. <i>Biology of Reproduction</i> , 2004 , 70, 160-7	3.9	28
186	Administration of 5alpha-androstane-3alpha,17beta-diol to female tammar wallaby pouch young causes development of a mature prostate and male urethra. <i>Endocrinology</i> , 2002 , 143, 2643-51	4.8	28
185	Platypus and echidna genomes reveal mammalian biology and evolution. <i>Nature</i> , 2021 , 592, 756-762	50.4	28
184	The olfactory system of the tammar wallaby is developed at birth and directs the neonate to its mother's pouch odours. <i>Reproduction</i> , 2009 , 138, 849-57	3.8	27
183	Wolffian duct differentiation by physiological concentrations of androgen delivered systemically. <i>Developmental Biology</i> , 2009 , 334, 429-36	3.1	27
182	Role of the alternate pathway of dihydrotestosterone formation in virilization of the Wolffian ducts of the tammar wallaby, <i>Macropus eugenii</i> . <i>Endocrinology</i> , 2006 , 147, 2368-73	4.8	27
181	Foetal age determination and development in elephants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007 , 274, 323-31	4.4	27
180	SOX9 has both conserved and novel roles in marsupial sexual differentiation. <i>Genesis</i> , 2002 , 33, 131-9	1.9	27
179	Reproduction of a marsupial: From uterus to pouch. <i>Animal Reproduction Science</i> , 1996 , 42, 393-403	2.1	27
178	Fetal control of parturition in marsupials. <i>Reproduction, Fertility and Development</i> , 2001 , 13, 653-9	1.8	27
177	The evolution of mammalian genomic imprinting was accompanied by the acquisition of novel CpG islands. <i>Genome Biology and Evolution</i> , 2011 , 3, 1276-83	3.9	26
176	A role for glucocorticoids in parturition in a marsupial, <i>Macropus eugenii</i> . <i>Biology of Reproduction</i> , 1996 , 54, 728-33	3.9	26
175	Diapause, pregnancy, and parturition in Australian marsupials. <i>The Journal of Experimental Zoology</i> , 1993 , 266, 450-62		26
174	Changes in the milk proteins during lactation in the tammar wallaby, <i>Macropus eugenii</i> . <i>Australian Journal of Biological Sciences</i> , 1982 , 35, 145-52		26
173	Parturition and perfect prematurity: birth in marsupials. <i>Australian Journal of Zoology</i> , 2006 , 54, 139	0.5	25

172	Fertility Control in the Eastern Grey Kangaroo Using Levonorgestrel Implants. <i>Journal of Wildlife Management</i> , 2002 , 66, 470	1.9	25
171	Ontogeny, Genetic Control, and Phylogeny of Female Reproduction in Monotreme and Therian Mammals 1993 , 4-20		25
170	Manipulation of Marsupial Embryos and Pouch Young 1978 , 307-331		25
169	The influence of estrogen on the developing male marsupial. <i>Reproduction, Fertility and Development</i> , 2001 , 13, 231-40	1.8	24
168	Deslorelin implants in free-ranging female eastern grey kangaroos (<i>Macropus giganteus</i>): mechanism of action and contraceptive efficacy. <i>Wildlife Research</i> , 2013 , 40, 403	1.8	23
167	Desert hedgehog is a mammal-specific gene expressed during testicular and ovarian development in a marsupial. <i>BMC Developmental Biology</i> , 2011 , 11, 72	3.1	23
166	The vomeronasal organ of the tammar wallaby. <i>Journal of Anatomy</i> , 2008 , 213, 93-105	2.9	23
165	Differential expression of WNT4 in testicular and ovarian development in a marsupial. <i>BMC Developmental Biology</i> , 2006 , 6, 44	3.1	23
164	Birth of pouch young after artificial insemination in the tammar wallaby (<i>Macropus eugenii</i>). <i>Biology of Reproduction</i> , 2005 , 72, 451-9	3.9	23
163	Developmental expression of the androgen receptor during virilization of the urogenital system of a marsupial. <i>Biology of Reproduction</i> , 1998 , 59, 725-32	3.9	23
162	Developmental profile of thyroid hormone distributor proteins in a marsupial, the tammar wallaby <i>Macropus eugenii</i> . <i>General and Comparative Endocrinology</i> , 2002 , 125, 92-103	3	22
161	A-kinase anchoring protein 4 has a conserved role in mammalian spermatogenesis. <i>Reproduction</i> , 2009 , 137, 645-53	3.8	21
160	Long-term efficacy of levonorgestrel implants for fertility control of eastern grey kangaroos (<i>Macropus giganteus</i>). <i>Wildlife Research</i> , 2008 , 35, 520	1.8	21
159	The history of the discovery of embryonic diapause in mammals. <i>Biology of Reproduction</i> , 2018 , 99, 242-251	3.5	20
158	Selected imprinting of INS in the marsupial. <i>Epigenetics and Chromatin</i> , 2012 , 5, 14	5.8	20
157	HOXA13 and HOXD13 expression during development of the syndactylous digits in the marsupial <i>Macropus eugenii</i> . <i>BMC Developmental Biology</i> , 2012 , 12, 2	3.1	20
156	Perturbed growth and development in marsupial young after reciprocal cross-fostering between species. <i>Reproduction, Fertility and Development</i> , 2007 , 19, 976-83	1.8	20
155	The endocrine role in mammalian sexual differentiation. <i>Endocrine Reviews</i> , 1995 , 50, 349-64		20

154	Molecular conservation of marsupial and eutherian placentation and lactation. <i>ELife</i> , 2017 , 6,	8.9	20
153	Effects of bromocriptine at parturition in the tammar wallaby, <i>Macropus eugenii</i> . <i>Reproduction, Fertility and Development</i> , 1990 , 2, 79-88	1.8	20
152	Limited genetic diversity preceded extinction of the Tasmanian tiger. <i>PLoS ONE</i> , 2012 , 7, e35433	3.7	19
151	Transcriptomic analysis supports similar functional roles for the two thymuses of the tammar wallaby. <i>BMC Genomics</i> , 2011 , 12, 420	4.5	19
150	Identification of tammar wallaby SIRH12, derived from a marsupial-specific retrotransposition event. <i>DNA Research</i> , 2011 , 18, 211-9	4.5	19
149	Development of the penis and clitoris in the tammar wallaby, <i>Macropus eugenii</i> . <i>Anatomy and Embryology</i> , 1999 , 199, 451-7		19
148	Milk ejection in a marsupial, <i>Macropus agilis</i> . <i>Nature</i> , 1981 , 289, 504-6	50.4	19
147	Oestradiol-17 beta in the blood during seasonal reactivation of the diapausing blastocyst in a wild population of tammar wallabies. <i>Journal of Endocrinology</i> , 1982 , 95, 293-300	4.7	19
146	Genome sequence of an Australian kangaroo, <i>Macropus eugenii</i> , provides insight into the evolution of mammalian reproduction and development 2011 , 12, 414		18
145	Placental expression of pituitary hormones is an ancestral feature of therian mammals. <i>EvoDevo</i> , 2011 , 2, 16	3.2	18
144	Eggs, embryos and the evolution of imprinting: insights from the platypus genome. <i>Reproduction, Fertility and Development</i> , 2009 , 21, 935-42	1.8	18
143	The tammar wallaby, <i>Macropus eugenii</i> : a model kangaroo for the study of developmental and reproductive biology. <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.emo137	1.2	18
142	Expression and protein localisation of IGF2 in the marsupial placenta. <i>BMC Developmental Biology</i> , 2008 , 8, 17	3.1	18
141	The development of the gubernaculum and inguinal closure in the marsupial <i>Macropus eugenii</i> . <i>Journal of Anatomy</i> , 2002 , 201, 239-56	2.9	18
140	Mating sequence, dominance and paternity success in captive male tammar wallabies. <i>Reproduction</i> , 2005 , 130, 123-30	3.8	18
139	Endocrinology of Pregnancy, Parturition and Lactation in Marsupials 1994 , 677-766		18
138	Marsupials in the age of genomics. <i>Annual Review of Genomics and Human Genetics</i> , 2013 , 14, 393-420	9.7	17
137	Postnatal lung and metabolic development in two marsupial and four eutherian species. <i>Journal of Anatomy</i> , 2008 , 212, 164-79	2.9	17

136	Puberty in the female tammar wallaby. <i>Biology of Reproduction</i> , 1998 , 58, 1117-22	3.9	17
135	Steroid metabolism by the placenta, corpus luteum and endometrium during pregnancy in the marsupial <i>Macropus eugenii</i> . <i>Theriogenology</i> , 1977 , 8, 164	2.8	17
134	Foetal origin of transferrin in mouse amniotic fluid. <i>Nature</i> , 1974 , 252, 159-61	50.4	17
133	Heterochrony in the regulation of the developing marsupial limb. <i>Developmental Dynamics</i> , 2014 , 243, 324-38	2.9	16
132	Differential roles of TGIF family genes in mammalian reproduction. <i>BMC Developmental Biology</i> , 2011 , 11, 58	3.1	16
131	Characterisation of marsupial PHLDA2 reveals eutherian specific acquisition of imprinting. <i>BMC Evolutionary Biology</i> , 2011 , 11, 244	3	16
130	Reactivating tammar wallaby blastocysts oxidize glucose. <i>Biology of Reproduction</i> , 1998 , 58, 1425-31	3.9	16
129	Biosynthesis and secretion of testosterone by adrenal tissue from the North American opossum, <i>Didelphis virginiana</i> , and the effects of tropic hormone stimulation. <i>General and Comparative Endocrinology</i> , 1975 , 27, 214-22	3	16
128	Resurrection of DNA function in vivo from an extinct genome. <i>PLoS ONE</i> , 2008 , 3, e2240	3.7	16
127	Levonorgestrel, not etonogestrel, provides contraception in free-ranging koalas. <i>Reproduction, Fertility and Development</i> , 2010 , 22, 913-9	1.8	15
126	Müllerian duct regression in a marsupial, the tammar wallaby. <i>Anatomy and Embryology</i> , 1997 , 196, 39-46		15
125	Testosterone control of male-type sexual behavior in the tammar wallaby (<i>Macropus eugenii</i>). <i>Hormones and Behavior</i> , 1996 , 30, 446-54	3.7	15
124	Steroids in pregnancy and parturition in the marsupial, <i>Macropus eugenii</i> . <i>The Journal of Steroid Biochemistry</i> , 1979 , 11, 515-22		15
123	Mesotocin receptors during pregnancy, parturition and lactation in the tammar wallaby. <i>Animal Reproduction Science</i> , 1998 , 51, 57-74	2.1	14
122	The Hormonal Control of Sexual Development. <i>Novartis Foundation Symposium</i> , 2008 , 136-156		14
121	Comparative analysis of ATRX, a chromatin remodeling protein. <i>Gene</i> , 2004 , 339, 39-48	3.8	14
120	Embryo arrest and reactivation: potential candidates controlling embryonic diapause in the tammar wallaby and mink. <i>Biology of Reproduction</i> , 2017 , 96, 877-894	3.9	13
119	A dual role for SHH during phallus development in a marsupial. <i>Sexual Development</i> , 2014 , 8, 166-77	1.6	13

118	ATRX has a critical and conserved role in mammalian sexual differentiation. <i>BMC Developmental Biology</i> , 2011 , 11, 39	3.1	13
117	Lung development of monotremes: evidence for the mammalian morphotype. <i>Anatomical Record</i> , 2009 , 292, 190-201	2.1	13
116	Early onset of ghrelin production in a marsupial. <i>Molecular and Cellular Endocrinology</i> , 2009 , 299, 266-73	4.4	13
115	Ontogeny of the oestrogen receptors ESR1 and ESR2 during gonadal development in the tammar wallaby, <i>Macropus eugenii</i> . <i>Reproduction</i> , 2010 , 139, 599-611	3.8	13
114	Intra-cytoplasmic sperm injection in a marsupial. <i>Reproduction</i> , 2004 , 128, 595-605	3.8	13
113	Sex determining genes and sexual differentiation in a marsupial. <i>The Journal of Experimental Zoology</i> , 2001 , 290, 586-96		13
112	Hormone-responsive genes in the SHH and WNT/ β -catenin signaling pathways influence urethral closure and phallus growth. <i>Biology of Reproduction</i> , 2018 , 99, 806-816	3.9	13
111	Sexual development of a model marsupial male. <i>Australian Journal of Zoology</i> , 2006 , 54, 151	0.5	12
110	3TRACE walking along a large cDNA employing tiered suppression PCR. <i>BioTechniques</i> , 2003 , 34, 750-2, 754-6	2.5	12
109	Characterization of steroidogenic factor 1 during sexual differentiation in a marsupial. <i>Gene</i> , 2001 , 277, 209-19	3.8	12
108	The mammary gland-specific marsupial ELP and eutherian CTI share a common ancestral gene. <i>BMC Evolutionary Biology</i> , 2012 , 12, 80	3	11
107	Unique small RNA signatures uncovered in the tammar wallaby genome. <i>BMC Genomics</i> , 2012 , 13, 559	4.5	11
106	Kallmann syndrome 1 gene is expressed in the marsupial gonad. <i>Biology of Reproduction</i> , 2011 , 84, 595-603	3.9	11
105	GRB10 imprinting is eutherian mammal specific. <i>Molecular Biology and Evolution</i> , 2012 , 29, 3711-9	8.3	11
104	Effects of levonorgestrel on ovulation and oestrous behaviour in the female tammar wallaby. <i>Reproduction, Fertility and Development</i> , 2007 , 19, 335-40	1.8	11
103	Maturation of the growth axis in marsupials occurs gradually during post-natal life and over an equivalent developmental stage relative to eutherian species. <i>Molecular and Cellular Endocrinology</i> , 2012 , 349, 189-94	4.4	10
102	Postnatal epigenetic reprogramming in the germline of a marsupial, the tammar wallaby. <i>Epigenetics and Chromatin</i> , 2013 , 6, 14	5.8	10
101	DAX1/NR0B1 was expressed during mammalian gonadal development and gametogenesis before it was recruited to the eutherian X chromosome. <i>Biology of Reproduction</i> , 2015 , 92, 22	3.9	10

100	Hormone-independent pathways of sexual differentiation. <i>Sexual Development</i> , 2014 , 8, 327-36	1.6	10
99	Identification of a novel PNMA-MS1 gene in marsupials suggests the LTR retrotransposon-derived PNMA genes evolved differently in marsupials and eutherians. <i>DNA Research</i> , 2013 , 20, 425-36	4.5	10
98	Use of genetic methods to establish male-biased dispersal in a cryptic mammal, the swamp wallaby (<i>Wallabia bicolor</i>). <i>Australian Journal of Zoology</i> , 2009 , 57, 65	0.5	10
97	Comparative analysis of the mammalian WNT4 promoter. <i>BMC Genomics</i> , 2009 , 10, 416	4.5	10
96	Uterine flushing proteome of the tammar wallaby after reactivation from diapause. <i>Reproduction</i> , 2016 , 152, 491-505	3.8	10
95	Paf receptor expression in the marsupial embryo and endometrium during embryonic diapause. <i>Reproduction</i> , 2014 , 147, 21-31	3.8	9
94	Seminiferous cord formation is regulated by hedgehog signaling in the marsupial. <i>Biology of Reproduction</i> , 2012 , 86, 80	3.9	9
93	Transient role of the middle ear as a lower jaw support across mammals. <i>ELife</i> , 2020 , 9,	8.9	9
92	Sperm transport, size of the seminal plug and the timing of ovulation after natural mating in the female tammar wallaby <i>Macropus eugenii</i> . <i>Reproduction, Fertility and Development</i> , 2004 , 16, 811-22	1.8	9
91	The hormonal control of sexual development. <i>Novartis Foundation Symposium</i> , 2002 , 244, 136-52; discussion 152-6, 203-6, 253-7		9
90	Promoter-specific expression and imprint status of marsupial IGF2. <i>PLoS ONE</i> , 2012 , 7, e41690	3.7	8
89	Ultrasonography of wallaby prenatal development shows that the climb to the pouch begins in utero. <i>Scientific Reports</i> , 2013 , 3, 1458	4.9	8
88	Development of the penile urethra in the tammar wallaby. <i>Sexual Development</i> , 2011 , 5, 241-9	1.6	8
87	The effects of gestagen implants on the behaviour of free-ranging female koalas. <i>Applied Animal Behaviour Science</i> , 2011 , 134, 209-216	2.2	8
86	Characterisation of ATRX, DMRT1, DMRT7 and WT1 in the platypus (<i>Ornithorhynchus anatinus</i>). <i>Reproduction, Fertility and Development</i> , 2009 , 21, 985-91	1.8	8
85	Ultrastructural localization of relaxin in the corpus luteum of the pregnant and early lactating tammar wallaby, <i>Macropus eugenii</i> . <i>Cell and Tissue Research</i> , 1997 , 290, 615-22	4.2	8
84	Growth and histology of ovarian follicles after cold storage in the tammar wallaby. <i>Reproduction, Fertility and Development</i> , 2006 , 18, 677-88	1.8	8
83	Isolation and partial characterization of tammar wallaby luteinizing hormone and development of a radioimmunoassay. <i>Reproduction, Fertility and Development</i> , 1997 , 9, 475-80	1.8	8

82	Uterine morphology during diapause and early pregnancy in the tammar wallaby (<i>Macropus eugenii</i>). <i>Journal of Anatomy</i> , 2016 , 229, 459-72	2.9	8
81	DNA methylation dynamics in the germline of the marsupial tammar wallaby, <i>Macropus eugenii</i> . <i>DNA Research</i> , 2019 , 26, 85-94	4.5	7
80	Inducing sex reversal of the urogenital system of marsupials. <i>Differentiation</i> , 2014 , 87, 23-31	3.5	7
79	Formation of 5alpha-reduced androgens in the testes and urogenital tract of the grey short-tailed opossum, <i>Monodelphis domestica</i> . <i>Reproduction, Fertility and Development</i> , 2009 , 21, 649-54	1.8	7
78	Exon 3 of the growth hormone receptor (GH-R) is specific to eutherian mammals. <i>Molecular and Cellular Endocrinology</i> , 2008 , 296, 64-8	4.4	7
77	Characterisation of the marsupial-specific ATRY gene: implications for the evolution of male-specific function. <i>Gene</i> , 2005 , 362, 29-36	3.8	7
76	Ontogeny and pathway of formation of 5alpha-androstane-3alpha,17beta-diol in the testes of the immature brushtail possum <i>Trichosurus vulpecula</i> . <i>Reproduction, Fertility and Development</i> , 2005 , 17, 603-9	1.8	7
75	Reproduction in female swamp wallabies, <i>Wallabia bicolor</i> . <i>Reproduction, Fertility and Development</i> , 2006 , 18, 735-43	1.8	7
74	Identification of a novel antisense noncoding RNA, ALID, transcribed from the putative imprinting control region of marsupial IGF2R. <i>Epigenetics and Chromatin</i> , 2018 , 11, 55	5.8	7
73	Conceptus Coats of Marsupials and Monotremes. <i>Current Topics in Developmental Biology</i> , 2018 , 130, 357-377	5.3	7
72	Growth axis maturation is linked to nutrition, growth and developmental rate. <i>Molecular and Cellular Endocrinology</i> , 2015 , 411, 38-48	4.4	6
71	Embryonic Diapause and Maternal Recognition of Pregnancy in Diapausing Mammals. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2015 , 216, 239-52	1.2	6
70	A novel MSMB-related microprotein in the postovulatory egg coats of marsupials. <i>BMC Evolutionary Biology</i> , 2011 , 11, 373	3	6
69	Go β expression in the vomeronasal organ and olfactory bulb of the tammar wallaby. <i>Chemical Senses</i> , 2012 , 37, 567-77	4.8	6
68	In vitro culture of peri-gastrulation embryos of a macropodid marsupial. <i>Journal of Anatomy</i> , 2008 , 212, 180-91	2.9	6
67	Reproduction in Monotremes and Marsupials 2001 ,		6
66	Mouse embryos used as a bioassay to determine control of marsupial embryonic diapause 1999 , 283, 590-599		6
65	Molecular Regulation of Marsupial Reproduction and Development 2010 , 285-316		6

64	The ART of bringing extinction to a freeze - History and future of species conservation, exemplified by rhinos. <i>Theriogenology</i> , 2021 , 169, 76-88	2.8	6
63	Effects of nutritional manipulation on body composition in the developing marsupial, <i>Macropus eugenii</i> . <i>Molecular and Cellular Endocrinology</i> , 2016 , 428, 148-60	4.4	5
62	Expression of STRA8 is conserved in therian mammals but expression of CYP26B1 differs between marsupials and mice. <i>Biology of Reproduction</i> , 2017 , 97, 217-229	3.9	5
61	ARX/Arx is expressed in germ cells during spermatogenesis in both marsupial and mouse. <i>Reproduction</i> , 2014 , 147, 279-89	3.8	5
60	Towards an understanding of the genetic basis behind 1080 (sodium fluoroacetate) tolerance and an investigation of the candidate gene ACO2. <i>Australian Journal of Zoology</i> , 2013 , 61, 69	0.5	5
59	Identification of two distinct genes at the vertebrate TRPC2 locus and their characterisation in a marsupial and a monotreme. <i>BMC Molecular Biology</i> , 2011 , 12, 39	4.5	5
58	The effect of pregnant and oestrous females on male testosterone and behaviour in the tammar wallaby. <i>Hormones and Behavior</i> , 2010 , 58, 378-84	3.7	5
57	The functional development of Leydig cells in a marsupial. <i>Journal of Anatomy</i> , 2008 , 212, 55-66	2.9	5
56	Marsupial WT1 has a novel isoform and is expressed in both somatic and germ cells in the developing ovary and testis. <i>Sexual Development</i> , 2007 , 1, 169-80	1.6	5
55	Non-invasive placentation in the marsupials <i>Macropus eugenii</i> (Macropodidae) and <i>Trichosurus vulpecula</i> (Phalangeridae) involves redistribution of uterine Desmoglein-2. <i>Molecular Reproduction and Development</i> , 2018 , 85, 72-82	2.6	5
54	Incomplete lineage sorting and phenotypic evolution in marsupials.. <i>Cell</i> , 2022 ,	56.2	5
53	Characterisation of major histocompatibility complex class I genes at the fetal-maternal interface of marsupials. <i>Immunogenetics</i> , 2015 , 67, 385-93	3.2	4
52	Uterine molecular changes for non-invasive embryonic attachment in the marsupials <i>Macropus eugenii</i> (Macropodidae) and <i>Trichosurus vulpecula</i> (Phalangeridae). <i>Molecular Reproduction and Development</i> , 2017 , 84, 1076-1085	2.6	4
51	The Comparative Physiology of Parturition in Mammals: Hormones and Parturition in Mammals 2011 , 95-116		4
50	Immunohistochemical staining of sectioned tammar wallaby (<i>Macropus eugenii</i>) tissue. <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.prot5338	1.2	4
49	Early expression of the androgen receptor in the Sertoli cells of a marsupial coincides with downregulation of anti-Müllerian hormone at the time of urogenital virilization. <i>Sexual Development</i> , 2009 , 3, 317-25	1.6	4
48	Collection, handling, fixation, and processing of tammar wallaby (<i>Macropus eugenii</i>) embryos. <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.prot5335	1.2	4
47	Working with tammar wallabies (<i>Macropus eugenii</i>). <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.prot5332		4

46	Embryonic Diapause in Mammals Developmental Strategy 1978 , 1-46		4
45	Inducing Sex Reversal in Marsupial Mammals. <i>Sexual Development</i> , 2016 , 10, 301-312	1.6	4
44	Androgen and Oestrogen Affect the Expression of Long Non-Coding RNAs During Phallus Development in a Marsupial. <i>Non-coding RNA</i> , 2018 , 5,	7.1	4
43	Prostaglandin D2 Regulates SOX9 Nuclear Translocation during Gonadal Sex Determination in Tammar Wallaby, <i>Macropus eugenii</i> . <i>Sexual Development</i> , 2017 , 11, 143-150	1.6	3
42	Unique reproductive strategy in the swamp wallaby. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 5938-5942	11.5	3
41	Discrete Hedgehog Factor Expression and Action in the Developing Phallus. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
40	Historical range and movements of the Elephants in Babile Elephant Sanctuary, Ethiopia. <i>African Journal of Ecology</i> , 2012 , 50, 439-445	0.8	3
39	The Role of Olfaction at Birth in Marsupial and Monotreme Mammals 2013 , 87-96		3
38	Reproduction in male swamp wallabies (<i>Wallabia bicolor</i>): puberty and the effects of season. <i>Journal of Anatomy</i> , 2007 , 211, 518-33	2.9	3
37	Universal fast walking applied to cDNA. <i>Preparative Biochemistry and Biotechnology</i> , 2004 , 34, 123-33	2.4	3
36	In memoriam Anne McLaren. <i>International Journal of Developmental Biology</i> , 2008 , 52, 1-2	1.9	3
35	Reproductive and developmental manipulation of the marsupial, the tammar wallaby <i>Macropus eugenii</i> . <i>Methods in Molecular Biology</i> , 2011 , 770, 457-73	1.4	3
34	FOXA1 and SOX9 Expression in the Developing Urogenital Sinus of the Tammar Wallaby (<i>Macropus eugenii</i>). <i>Sexual Development</i> , 2015 , 9, 216-28	1.6	2
33	Performing surgery on tammar wallaby (<i>Macropus eugenii</i>) adults. <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.prot5333	1.2	2
32	The genome of a Gondwanan mammal. <i>BioEssays</i> , 2007 , 29, 1073-6	4.1	2
31	Yolk sac fluid and yolk sac membrane enzymes in the marsupial, <i>Macropus eugenii</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1974 , 49, 273-9		2
30	Pre- and postnatal development of lactate and malate dehydrogenases in the marsupial <i>Didelphis marsupialis virginiana</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1975 , 52, 347-50		2
29	Transcriptomic Analysis of MAP3K1 and MAP3K4 in the Developing Marsupial Gonad. <i>Sexual Development</i> , 2019 , 13, 195-204	1.6	2

28	Effects of androgen and oestrogen on IGF pathways controlling phallus growth. <i>Reproduction</i> , 2019 , 157, 1-12	3.8	2
27	Comparative Mammalian Female Reproduction: Overview 2018 , 609-616		2
26	Mammary cell-activating factor regulates the hormone-independent transcription of the early lactation protein (ELP) gene in a marsupial. <i>Molecular and Cellular Endocrinology</i> , 2016 , 436, 169-82	4.4	1
25	Culturing tammar wallaby (<i>Macropus eugenii</i>) pouch young gonads. <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.prot5336	1.2	1
24	Surgery on tammar wallaby (<i>Macropus eugenii</i>) pouch young. <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.prot5334	1.2	1
23	Whole-mount immunohistochemical staining of tammar wallaby (<i>Macropus eugenii</i>) peri-gastrulation embryos. <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.prot5340	1.2	1
22	Culturing tammar wallaby (<i>Macropus eugenii</i>) peri-gastrulation stage embryos. <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.prot5337	1.2	1
21	Whole-mount immunohistochemical staining of tammar wallaby (<i>Macropus eugenii</i>) cleavage stages and blastocysts. <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.prot5339	1.2	1
20	Secretion of Testosterone and Corticosteroids by the Adrenal Cortex in the Marsupials <i>Trichosurus vulpecula</i> and <i>Didelphis virginiana</i> and in the Rat, and the Effects of Adrenocorticotrophin and Gonadotrophin Stimulation in vitro. <i>Biochemical Society Transactions</i> , 1975 , 3, 1171-1175	5.1	1
19	Biochemical studies of intrauterine components of the tammar wallaby <i>Macropus eugenii</i> during pregnancy. <i>Development (Cambridge)</i> , 1981 , 62, 325-338	6.6	1
18	Placentation in Marsupials. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2021 , 234, 41-60	1.2	1
17	Spatiotemporal map of key signaling factors during early penis development. <i>Developmental Dynamics</i> , 2021 ,	2.9	1
16	Contraception of prepubertal young can increase cost effectiveness of management of overabundant koala populations. <i>Wildlife Research</i> , 2019 , 46, 317	1.8	1
15	The Comparative Physiology of Parturition in Mammals: Hormones and Parturition in Mammals 2011 , 95-116		1
14	The Evolution of Genomic Imprinting A Marsupial Perspective 2010 , 233-257		1
13	Long-term maternal exposure to atrazine in the drinking water reduces penis length in the tammar wallaby <i>Macropus eugenii</i> . <i>Reproduction, Fertility and Development</i> , 2020 ,	1.8	1
12	Strategies for meiotic sex chromosome dynamics and telomeric elongation in Marsupials.. <i>PLoS Genetics</i> , 2022 , 18, e1010040	6	0
11	Selection on Phalanx Development in the Evolution of the Bird Wing. <i>Molecular Biology and Evolution</i> , 2021 , 38, 4222-4237	8.3	0

10	Plasma progesterone secretion during gestation of the captive short-beaked echidna. <i>Reproduction</i> , 2021 , 162, 267-275	3.8	0
9	From Embryo to Adult: The Complete Development and Unusual Replacement of the Dentition of the Tammar Wallaby (<i>Macropus eugenii</i>). <i>Journal of Mammalian Evolution</i> , 1	2.2	0
8	Presence of H3K4me3 on Paternally Expressed Genes of the Paternal Genome From Sperm to Implantation.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 838684	5.7	0
7	The tammar wallaby: a non-traditional animal model to study growth axis maturation. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 1276-1288	1.8	
6	EmbryoMaternal Interactions after Diapause in a Marsupial 1999 , 54-66		
5	STERIODS IN PREGNANCY AND PARTURITION IN THE MARSUPIAL, MACROPUS EUGENII 1979 , 515-522		
4	Reproduction in Monotremes and Marsupials ² , 1-6		
3	Metatheria: Marsupials 2018 , 629-640		
2	The Unique Penile Morphology of the Short-Beaked Echidna, <i>Tachyglossus aculeatus</i> . <i>Sexual Development</i> , 2021 , 15, 262-271	1.6	
1	Research Article Genetic sex test for the short-beaked echidna (<i>Tachyglossus aculeatus</i>). <i>Conservation Genetics Resources</i> , 1	0.8	