

Marilyn B Renfree

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4592412/publications.pdf>

Version: 2024-02-01

264
papers

10,112
citations

44042

48
h-index

56687

83
g-index

279
all docs

279
docs citations

279
times ranked

7817
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome analysis of the platypus reveals unique signatures of evolution. <i>Nature</i> , 2008, 453, 175-183.	13.7	657
2	Analysis of the platypus genome suggests a transposon origin for mammalian imprinting. <i>Genome Biology</i> , 2009, 10, R1.	13.9	272
3	Diapause. <i>Annual Review of Physiology</i> , 2000, 62, 353-375.	5.6	225
4	Evolution of sex determination and the Y chromosome: SRY-related sequences in marsupials. <i>Nature</i> , 1992, 359, 531-533.	13.7	224
5	Primary genetic control of somatic sexual differentiation in a mammal. <i>Nature</i> , 1988, 331, 716-717.	13.7	223
6	Retrotransposon Silencing by DNA Methylation Can Drive Mammalian Genomic Imprinting. <i>PLoS Genetics</i> , 2007, 3, e55.	1.5	181
7	Conservation of the H19 noncoding RNA and H19-IGF2 imprinting mechanism in therians. <i>Nature Genetics</i> , 2008, 40, 971-976.	9.4	169
8	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.	13.9	167
9	5 α -Androstane-3 β ,17 β -Diol Is Formed in Tamar Wallaby Pouch Young Testes by a Pathway Involving 5 α -Pregnane-3 β ,17 β -Diol-20-One as a Key Intermediate. <i>Endocrinology</i> , 2003, 144, 575-580.	1.4	166
10	Adaptation and conservation insights from the koala genome. <i>Nature Genetics</i> , 2018, 50, 1102-1111.	9.4	163
11	The Evolution of the DLK1-DIO3 Imprinted Domain in Mammals. <i>PLoS Biology</i> , 2008, 6, e135.	2.6	162
12	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.	1.8	145
13	Evolution of Genomic Imprinting: Insights from Marsupials and Monotremes. <i>Annual Review of Genomics and Human Genetics</i> , 2009, 10, 241-262.	2.5	141
14	Rsx is a metatherian RNA with Xist-like properties in X-chromosome inactivation. <i>Nature</i> , 2012, 487, 254-258.	13.7	136
15	The enigma of embryonic diapause. <i>Development (Cambridge)</i> , 2017, 144, 3199-3210.	1.2	133
16	Genomic imprinting of IGF2, p57KIP2 and PEG1/MEST in a marsupial, the tamar wallaby. <i>Mechanisms of Development</i> , 2005, 122, 213-222.	1.7	132
17	Intrauterine development after diapause in the marsupial <i>Macropus eugenii</i> . <i>Developmental Biology</i> , 1973, 32, 28-40.	0.9	131
18	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.	3.3	122

#	ARTICLE	IF	CITATIONS
19	The marsupial placenta: A phylogenetic analysis. <i>The Journal of Experimental Zoology</i> , 2003, 299A, 59-77.	1.4	121
20	REVIEW CONTROL OF REPRODUCTION IN MACROPODID MARSUPIALS. <i>Journal of Endocrinology</i> , 1974, 63, 589-614.	1.2	110
21	Review: Marsupials: Placental Mammals with a Difference. <i>Placenta</i> , 2010, 31, S21-S26.	0.7	102
22	Maternal Regulation of Milk Composition, Milk Production, and Pouch Young Development During Lactation in the Tammar Wallaby (<i>Macropus eugenii</i>) ¹ . <i>Biology of Reproduction</i> , 2003, 68, 929-936.	1.2	101
23	Prostate formation in a marsupial is mediated by the testicular androgen 5 α -androstane-3 α ,17 β -diol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12256-12259.	3.3	100
24	Contraceptive effects of extended lactational amenorrhoea: beyond the Bellagio Consensus. <i>Lancet</i> , The, 1991, 337, 715-717.	6.3	99
25	Rewinding the process of mammalian extinction. <i>Zoo Biology</i> , 2016, 35, 280-292.	0.5	99
26	Widespread expression of the testis-determining gene SRY in a marsupial. <i>Nature Genetics</i> , 1995, 11, 347-349.	9.4	94
27	The mammalian yolk sac placenta. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009, 312B, 545-554.	0.6	94
28	Evolution of vertebrate interferon inducible transmembrane proteins. <i>BMC Genomics</i> , 2012, 13, 155.	1.2	92
29	Platypus and echidna genomes reveal mammalian biology and evolution. <i>Nature</i> , 2021, 592, 756-762.	13.7	85
30	Estrogen-Induced Gonadal Sex Reversal in the Tammar Wallaby ¹ . <i>Biology of Reproduction</i> , 2001, 65, 613-621.	1.2	84
31	Recent Assembly of an Imprinted Domain from Non-Imprinted Components. <i>PLoS Genetics</i> , 2006, 2, e182.	1.5	84
32	The composition of fetal fluids of the marsupial <i>Macropus eugenii</i> . <i>Developmental Biology</i> , 1973, 33, 62-79.	0.9	82
33	Successful Intra- and Interspecific Male Germ Cell Transplantation in the Rat ¹ . <i>Biology of Reproduction</i> , 2003, 68, 961-967.	1.2	81
34	Sexual differentiation in three unconventional mammals: Spotted hyenas, elephants and tammar wallabies. <i>Hormones and Behavior</i> , 2005, 48, 403-417.	1.0	79
35	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.	1.5	78
36	Influence of the Embryo on the Marsupial Uterus. <i>Nature</i> , 1972, 240, 475-477.	13.7	74

#	ARTICLE	IF	CITATIONS
37	Embryos and embryonic stem cells from the white rhinoceros. <i>Nature Communications</i> , 2018, 9, 2589.	5.8	73
38	The evolution of class V POU domain transcription factors in vertebrates and their characterisation in a marsupial. <i>Developmental Biology</i> , 2010, 337, 162-170.	0.9	72
39	Ancient Antimicrobial Peptides Kill Antibiotic-Resistant Pathogens: Australian Mammals Provide New Options. <i>PLoS ONE</i> , 2011, 6, e24030.	1.1	72
40	Proteins in the uterine secretions of the marsupial <i>Macropus eugenii</i> . <i>Developmental Biology</i> , 1973, 32, 41-49.	0.9	70
41	Physical map of two tammar wallaby chromosomes: A strategy for mapping in non-model mammals. <i>Chromosome Research</i> , 2008, 16, 1159-1175.	1.0	63
42	Steroid Hormone Content of the Gonads of the Tammar Wallaby during Sexual Differentiation1. <i>Biology of Reproduction</i> , 1992, 47, 644-647.	1.2	60
43	Androgen physiology: unsolved problems at the millennium. <i>Molecular and Cellular Endocrinology</i> , 2002, 198, 1-5.	1.6	59
44	Genomic imprinting in marsupial placentation. <i>Reproduction</i> , 2008, 136, 523-531.	1.1	58
45	Oestrogen blocks the nuclear entry of SOX9 in the developing gonad of a marsupial mammal. <i>BMC Biology</i> , 2010, 8, 113.	1.7	58
46	Marsupials: alternative mammals. <i>Nature</i> , 1981, 293, 100-101.	13.7	56
47	Initiation of development of diapausing embryo by mammary denervation during lactation in a marsupial. <i>Nature</i> , 1979, 278, 549-551.	13.7	51
48	A new role for <i>muscle segment homeobox</i> genes in mammalian embryonic diapause. <i>Open Biology</i> , 2013, 3, 130035.	1.5	50
49	The mammalian blastocyst. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2016, 5, 210-232.	5.9	50
50	On the origin of POU5F1. <i>BMC Biology</i> , 2013, 11, 56.	1.7	49
51	Sex down under: the differentiation of sexual dimorphisms during marsupial development. <i>Reproduction, Fertility and Development</i> , 2001, 13, 679.	0.1	48
52	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, 101-119.	0.9	48
53	Wolffian Duct Development. <i>Sexual Development</i> , 2014, 8, 273-280.	1.1	48
54	Effects of a Gonadotropin-Releasing Hormone Agonist Implant on Reproduction in a Male Marsupial, <i>Macropus eugenii</i> 1. <i>Biology of Reproduction</i> , 2004, 70, 1836-1842.	1.2	47

#	ARTICLE	IF	CITATIONS
55	Evolution of coding and non-coding genes in HOX clusters of a marsupial. <i>BMC Genomics</i> , 2012, 13, 251.	1.2	47
56	Abolition of seasonal embryonic diapause in a wallaby by pineal denervation. <i>Nature</i> , 1981, 293, 138-139.	13.7	46
57	Early cell lineage specification in a marsupial: a case for diverse mechanisms among mammals. <i>Development (Cambridge)</i> , 2013, 140, 965-975.	1.2	46
58	Mammalian diversity: gametes, embryos and reproduction. <i>Reproduction, Fertility and Development</i> , 2006, 18, 99.	0.1	44
59	The history of the discovery of embryonic diapause in mammals. <i>Biology of Reproduction</i> , 2018, 99, 242-251.	1.2	43
60	Incomplete lineage sorting and phenotypic evolution in marsupials. <i>Cell</i> , 2022, 185, 1646-1660.e18.	13.5	43
61	Evidence for a Local Fetal Influence on Myometrial Oxytocin Receptors during Pregnancy in the Tamar Wallaby (<i>Macropus eugenii</i>) ¹ . <i>Biology of Reproduction</i> , 1997, 56, 200-207.	1.2	41
62	The marsupial model for male phenotypic development. <i>Trends in Endocrinology and Metabolism</i> , 2002, 13, 78-83.	3.1	41
63	Society for Reproductive Biology Founders' Lecture 2006 Life in the pouch: womb with a view. <i>Reproduction, Fertility and Development</i> , 2006, 18, 721.	0.1	41
64	DDX4 (VASA) Is Conserved in Germ Cell Development in Marsupials and Monotremes ¹ . <i>Biology of Reproduction</i> , 2011, 85, 733-743.	1.2	41
65	Evolution of the CDKN1C-KCNQ1 imprinted domain. <i>BMC Evolutionary Biology</i> , 2008, 8, 163.	3.2	40
66	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, 1354-1364.	2.5	39
67	Embryo-endometrial interactions during early development after embryonic diapause in the marsupial tamar wallaby. <i>International Journal of Developmental Biology</i> , 2014, 58, 175-181.	0.3	38
68	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-R1272.	0.9	37
69	Insulin is imprinted in the placenta of the marsupial, <i>Macropus eugenii</i> . <i>Developmental Biology</i> , 2007, 309, 317-328.	0.9	37
70	Cross-fostering of the tamar wallaby (<i>Macropus eugenii</i>) pouch young accelerates fore-stomach maturation. <i>Mechanisms of Development</i> , 2009, 126, 449-463.	1.7	37
71	Cooperativity of imprinted genes inactivated by acquired chromosome 20q deletions. <i>Journal of Clinical Investigation</i> , 2013, 123, 2169-2182.	3.9	36
72	Ontogeny, Genetic Control, and Phylogeny of Female Reproduction in Monotreme and Therian Mammals. , 1993, , 4-20.		33

#	ARTICLE	IF	CITATIONS
73	Virilization of the Male Pouch Young of the Tammar Wallaby Does Not Appear to be Mediated by Plasma Testosterone or Dihydrotestosterone ¹ . <i>Biology of Reproduction</i> , 1999, 61, 471-475.	1.2	33
74	Penile Development Is Initiated in the Tammar Wallaby Pouch Young during the Period when 5 α -Androstane-3 β ,17 β -Diol Is Secreted by the Testes. <i>Endocrinology</i> , 2004, 145, 3346-3352.	1.4	33
75	Manipulation of Marsupial Embryos and Pouch Young. , 1978, , 307-331.		33
76	The Endocrine Role in Mammalian Sexual Differentiation. , 1995, 50, 349-364.		32
77	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.	0.8	32
78	Evolutionary history of novel genes on the tammar wallaby Y chromosome: Implications for sex chromosome evolution. <i>Genome Research</i> , 2012, 22, 498-507.	2.4	32
79	Virilization of the urogenital sinus of the tammar wallaby is not unique to 5 α -androstane-3 β ,17 β -diol. <i>Molecular and Cellular Endocrinology</i> , 2001, 181, 111-115.	1.6	31
80	Administration of 5 α -Androstane-3 β ,17 β -Diol to Female Tammar Wallaby Pouch Young Causes Development of a Mature Prostate and Male Urethra. <i>Endocrinology</i> , 2002, 143, 2643-2651.	1.4	31
81	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, 2368-2373.	1.4	31
82	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.	0.5	31
83	Unsolved problems in male physiology: studies in a marsupial. <i>Molecular and Cellular Endocrinology</i> , 2003, 211, 33-36.	1.6	30
84	Birth of Pouch Young after Artificial Insemination in the Tammar Wallaby (<i>Macropus eugenii</i>) ¹ . <i>Biology of Reproduction</i> , 2005, 72, 451-459.	1.2	30
85	Wolffian duct differentiation by physiological concentrations of androgen delivered systemically. <i>Developmental Biology</i> , 2009, 334, 429-436.	0.9	30
86	Marsupials in the Age of Genomics. <i>Annual Review of Genomics and Human Genetics</i> , 2013, 14, 393-420.	2.5	30
87	The ART of bringing extinction to a freeze – History and future of species conservation, exemplified by rhinos. <i>Theriogenology</i> , 2021, 169, 76-88.	0.9	30
88	Diapause, pregnancy, and parturition in Australian marsupials. <i>The Journal of Experimental Zoology</i> , 1993, 266, 450-462.	1.4	29
89	Fertility Control in the Eastern Grey Kangaroo Using Levonorgestrel Implants. <i>Journal of Wildlife Management</i> , 2002, 66, 470.	0.7	29
90	Marsupial Anti-Müllerian Hormone Gene Structure, Regulatory Elements, and Expression ¹ . <i>Biology of Reproduction</i> , 2004, 70, 160-167.	1.2	29

#	ARTICLE	IF	CITATIONS
91	Foetal age determination and development in elephants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 323-331.	1.2	29
92	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, 849-857.	1.1	29
93	The Evolution of Mammalian Genomic Imprinting Was Accompanied by the Acquisition of Novel CpG Islands. <i>Genome Biology and Evolution</i> , 2011, 3, 1276-1283.	1.1	29
94	Fetal control of parturition in marsupials. <i>Reproduction, Fertility and Development</i> , 2001, 13, 653.	0.1	29
95	Molecular conservation of marsupial and eutherian placentation and lactation. <i>ELife</i> , 2017, 6, .	2.8	29
96	Reproduction of a marsupial: From uterus to pouch. <i>Animal Reproduction Science</i> , 1996, 42, 393-403.	0.5	28
97	SOX9 has both conserved and novel roles in marsupial sexual differentiation. <i>Genesis</i> , 2002, 33, 131-139.	0.8	28
98	Desert hedgehog is a mammal-specific gene expressed during testicular and ovarian development in a marsupial. <i>BMC Developmental Biology</i> , 2011, 11, 72.	2.1	28
99	Parturition and perfect prematurity: birth in marsupials. <i>Australian Journal of Zoology</i> , 2006, 54, 139.	0.6	27
100	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.	0.7	27
101	A Role for Glucocorticoids in Parturition in a Marsupial, <i>Macropus Eugenii</i> 1. <i>Biology of Reproduction</i> , 1996, 54, 728-733.	1.2	26
102	Development of the penis and clitoris in the tammar wallaby, <i>Macropus eugenii</i> . <i>Anatomy and Embryology</i> , 1999, 199, 451-457.	1.5	26
103	The influence of estrogen on the developing male marsupial. <i>Reproduction, Fertility and Development</i> , 2001, 13, 231.	0.1	26
104	A-kinase anchoring protein 4 has a conserved role in mammalian spermatogenesis. <i>Reproduction</i> , 2009, 137, 645-653.	1.1	26
105	Heterochrony in the regulation of the developing marsupial limb. <i>Developmental Dynamics</i> , 2014, 243, 324-338.	0.8	26
106	Differential expression of WNT4 in testicular and ovarian development in a marsupial. <i>BMC Developmental Biology</i> , 2006, 6, 44.	2.1	25
107	The vomeronasal organ of the tammar wallaby. <i>Journal of Anatomy</i> , 2008, 213, 93-105.	0.9	25
108	Selected imprinting of INS in the marsupial. <i>Epigenetics and Chromatin</i> , 2012, 5, 14.	1.8	25

#	ARTICLE	IF	CITATIONS
109	Effects of bromocriptine at parturition in the tammar wallaby, <i>Macropus eugenii</i> . <i>Reproduction, Fertility and Development</i> , 1990, 2, 79.	0.1	25
110	Endocrinology of Pregnancy, Parturition and Lactation in Marsupials. , 1994, , 677-766.		24
111	Milk ejection in a marsupial, <i>Macropus agilis</i> . <i>Nature</i> , 1981, 289, 504-506.	13.7	23
112	Developmental Expression of the Androgen Receptor during Virilization of the Urogenital System of a Marsupial1. <i>Biology of Reproduction</i> , 1998, 59, 725-732.	1.2	23
113	Perturbed growth and development in marsupial young after reciprocal cross-fostering between species. <i>Reproduction, Fertility and Development</i> , 2007, 19, 976.	0.1	23
114	Long-term efficacy of levonorgestrel implants for fertility control of eastern grey kangaroos (<i>Macropus giganteus</i>). <i>Wildlife Research</i> , 2008, 35, 520.	0.7	23
115	Differential roles of TGIF family genes in mammalian reproduction. <i>BMC Developmental Biology</i> , 2011, 11, 58.	2.1	23
116	Identification of tammar wallaby SIRH12, derived from a marsupial-specific retrotransposition event. <i>DNA Research</i> , 2011, 18, 211-219.	1.5	23
117	The development of the gubernaculum and inguinal closure in the marsupial <i>Macropus eugenii</i> . <i>Journal of Anatomy</i> , 2002, 201, 239-256.	0.9	22
118	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.	0.8	22
119	Postnatal lung and metabolic development in two marsupial and four eutherian species. <i>Journal of Anatomy</i> , 2008, 212, 164-179.	0.9	22
120	The Hormonal Control of Sexual Development. <i>Novartis Foundation Symposium</i> , 2008, , 136-156.	1.2	22
121	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, 414.	13.9	22
122	Resurrection of DNA Function In Vivo from an Extinct Genome. <i>PLoS ONE</i> , 2008, 3, e2240.	1.1	22
123	Mating sequence, dominance and paternity success in captive male tammar wallabies. <i>Reproduction</i> , 2005, 130, 123-130.	1.1	21
124	Expression and protein localisation of IGF2 in the marsupial placenta. <i>BMC Developmental Biology</i> , 2008, 8, 17.	2.1	21
125	Eggs, embryos and the evolution of imprinting: insights from the platypus genome. <i>Reproduction, Fertility and Development</i> , 2009, 21, 935.	0.1	21
126	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.	0.2	21

#	ARTICLE	IF	CITATIONS
127	Placental expression of pituitary hormones is an ancestral feature of therian mammals. <i>EvoDevo</i> , 2011, 2, 16.	1.3	21
128	Transcriptomic analysis supports similar functional roles for the two thymuses of the tammar wallaby. <i>BMC Genomics</i> , 2011, 12, 420.	1.2	21
129	Limited Genetic Diversity Preceded Extinction of the Tasmanian Tiger. <i>PLoS ONE</i> , 2012, 7, e35433.	1.1	21
130	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.	2.1	21
131	Embryo arrest and reactivation: potential candidates controlling embryonic diapause in the tammar wallaby and mink. <i>Biology of Reproduction</i> , 2017, 96, 877-894.	1.2	21
132	Foetal origin of transferrin in mouse amniotic fluid. <i>Nature</i> , 1974, 252, 159-161.	13.7	20
133	Oestradiol-17 β 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.	1.2	20
134	Steroid metabolism by the placenta, corpus luteum and endometrium during pregnancy in the marsupial <i>Macropus eugenii</i> . <i>Theriogenology</i> , 1977, 8, 164.	0.9	19
135	Steroids in pregnancy and parturition in the marsupial, <i>Macropus eugenii</i> . <i>The Journal of Steroid Biochemistry</i> , 1979, 11, 515-522.	1.3	19
136	Levonorgestrel, not etonogestrel, provides contraception in free-ranging koalas. <i>Reproduction, Fertility and Development</i> , 2010, 22, 913.	0.1	19
137	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, 214-222.	0.8	18
138	Testosterone Control of Male-Type Sexual Behavior in the Tammar Wallaby (<i>Macropus eugenii</i>). <i>Hormones and Behavior</i> , 1996, 30, 446-454.	1.0	18
139	Characterisation of marsupial PHLDA2 reveals eutherian specific acquisition of imprinting. <i>BMC Evolutionary Biology</i> , 2011, 11, 244.	3.2	18
140	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.	1.8	18
141	Puberty in the Female Tammar Wallaby ¹ . <i>Biology of Reproduction</i> , 1998, 58, 1117-1122.	1.2	17
142	Sex determining genes and sexual differentiation in a marsupial. <i>The Journal of Experimental Zoology</i> , 2001, 290, 586-596.	1.4	17
143	Lung Development of Monotremes: Evidence for the Mammalian Morphotype. <i>Anatomical Record</i> , 2009, 292, 190-201.	0.8	17
144	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.	1.2	17

#	ARTICLE	IF	CITATIONS
145	Mesotocin receptors during pregnancy, parturition and lactation in the tammar wallaby. <i>Animal Reproduction Science</i> , 1998, 51, 57-74.	0.5	16
146	Reactivating Tammar Wallaby Blastocysts Oxidize Glucose. <i>Biology of Reproduction</i> , 1998, 58, 1425-1431.	1.2	16
147	Intra-cytoplasmic sperm injection in a marsupial. <i>Reproduction</i> , 2004, 128, 595-605.	1.1	16
148	Comparative analysis of ATRX, a chromatin remodeling protein. <i>Gene</i> , 2004, 339, 39-48.	1.0	16
149	ATRX has a critical and conserved role in mammalian sexual differentiation. <i>BMC Developmental Biology</i> , 2011, 11, 39.	2.1	16
150	Müllerian duct regression in a marsupial, the tammar wallaby. <i>Anatomy and Embryology</i> , 1997, 196, 39-46.	1.5	15
151	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.	1.1	15
152	Transient role of the middle ear as a lower jaw support across mammals. <i>ELife</i> , 2020, 9, .	2.8	15
153	Early onset of ghrelin production in a marsupial. <i>Molecular and Cellular Endocrinology</i> , 2009, 299, 266-273.	1.6	14
154	Characterisation of ATRX, DMRT1, DMRT7 and WT1 in the platypus (<i>Ornithorhynchus anatinus</i>). <i>Reproduction, Fertility and Development</i> , 2009, 21, 985.	0.1	14
155	Postnatal epigenetic reprogramming in the germline of a marsupial, the tammar wallaby. <i>Epigenetics and Chromatin</i> , 2013, 6, 14.	1.8	14
156	Hormone-Independent Pathways of Sexual Differentiation. <i>Sexual Development</i> , 2014, 8, 327-336.	1.1	14
157	A Dual Role for SHH during Phallus Development in a Marsupial. <i>Sexual Development</i> , 2014, 8, 166-177.	1.1	14
158	Characterization of steroidogenic factor 1 during sexual differentiation in a marsupial. <i>Gene</i> , 2001, 277, 209-219.	1.0	13
159	Sexual development of a model marsupial male. <i>Australian Journal of Zoology</i> , 2006, 54, 151.	0.6	13
160	Unique small RNA signatures uncovered in the tammar wallaby genome. <i>BMC Genomics</i> , 2012, 13, 559.	1.2	13
161	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, 425-436.	1.5	13
162	RACE Walking along a Large cDNA Employing Tiered Suppression PCR. <i>BioTechniques</i> , 2003, 34, 750-756.	0.8	12

#	ARTICLE	IF	CITATIONS
163	Effects of levonorgestrel on ovulation and oestrous behaviour in the female tammar wallaby. <i>Reproduction, Fertility and Development</i> , 2007, 19, 335.	0.1	12
164	Comparative analysis of the mammalian WNT4 promoter. <i>BMC Genomics</i> , 2009, 10, 416.	1.2	12
165	A novel MSMB-related microprotein in the postovulatory egg coats of marsupials. <i>BMC Evolutionary Biology</i> , 2011, 11, 373.	3.2	12
166	The mammary gland-specific marsupial ELP and eutherian CTI share a common ancestral gene. <i>BMC Evolutionary Biology</i> , 2012, 12, 80.	3.2	12
167	Ultrasonography of wallaby prenatal development shows that the climb to the pouch begins in utero. <i>Scientific Reports</i> , 2013, 3, 1458.	1.6	12
168	DAX1/NROB1 Was Expressed During Mammalian Gonadal Development and Gametogenesis Before It Was Recruited to the Eutherian X Chromosome1. <i>Biology of Reproduction</i> , 2015, 92, 22.	1.2	12
169	Kallmann Syndrome 1 Gene Is Expressed in the Marsupial Gonad1. <i>Biology of Reproduction</i> , 2011, 84, 595-603.	1.2	11
170	GRB10 Imprinting Is Eutherian Mammal Specific. <i>Molecular Biology and Evolution</i> , 2012, 29, 3711-3719.	3.5	11
171	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, 189-194.	1.6	11
172	Uterine flushing proteome of the tammar wallaby after reactivation from diapause. <i>Reproduction</i> , 2016, 152, 491-505.	1.1	11
173	DNA methylation dynamics in the germline of the marsupial tammar wallaby, <i>Macropus eugenii</i> . <i>DNA Research</i> , 2019, 26, 85-94.	1.5	11
174	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.	0.1	11
175	Growth and histology of ovarian follicles after cold storage in the tammar wallaby. <i>Reproduction, Fertility and Development</i> , 2006, 18, 677.	0.1	10
176	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.	0.6	10
177	Development of the Penile Urethra in the Tammar Wallaby. <i>Sexual Development</i> , 2011, 5, 241-249.	1.1	10
178	Seminiferous Cord Formation Is Regulated by Hedgehog Signaling in the Marsupial1. <i>Biology of Reproduction</i> , 2012, 86, 80.	1.2	10
179	Conceptus Coats of Marsupials and Monotremes. <i>Current Topics in Developmental Biology</i> , 2018, 130, 357-377.	1.0	10
180	Isolation and partial characterization of tammar wallaby luteinizing hormone and development of a radioimmunoassay. <i>Reproduction, Fertility and Development</i> , 1997, 9, 475.	0.1	10

#	ARTICLE	IF	CITATIONS
181	The hormonal control of sexual development. Novartis Foundation Symposium, 2002, 244, 136-52; discussion 152-6, 203-6, 253-7.	1.2	10
182	Ultrastructural localization of relaxin in the corpus luteum of the pregnant and early lactating tammar wallaby, <i>Macropus eugenii</i> . Cell and Tissue Research, 1997, 290, 615-622.	1.5	9
183	The functional development of Leydig cells in a marsupial. Journal of Anatomy, 2008, 212, 55-66.	0.9	9
184	Promoter-Specific Expression and Imprint Status of Marsupial IGF2. PLoS ONE, 2012, 7, e41690.	1.1	9
185	Paf receptor expression in the marsupial embryo and endometrium during embryonic diapause. Reproduction, 2014, 147, 21-31.	1.1	9
186	Inducing sex reversal of the urogenital system of marsupials. Differentiation, 2014, 87, 23-31.	1.0	9
187	Uterine morphology during diapause and early pregnancy in the tammar wallaby (<i>Macropus eugenii</i>). Journal of Anatomy, 2016, 229, 459-472.	0.9	9
188	Embryonic Diapause in Mammals—A Developmental Strategy. , 1978, , 1-46.		9
189	Ontogeny and pathway of formation of 5 α -androstane-3 β ,17 β -diol in the testes of the immature brushtail possum <i>Trichosurus vulpecula</i> . Reproduction, Fertility and Development, 2005, 17, 603.	0.1	9
190	Strategies for meiotic sex chromosome dynamics and telomeric elongation in Marsupials. PLoS Genetics, 2022, 18, e1010040.	1.5	9
191	Mouse embryos used as a bioassay to determine control of marsupial embryonic diapause. , 1999, 283, 590-599.		8
192	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
193	Formation of 5 α -reduced androgens in the testes and urogenital tract of the grey short-tailed opossum, <i>Monodelphis domestica</i> . Reproduction, Fertility and Development, 2009, 21, 649.	0.1	8
194	The Comparative Physiology of Parturition in Mammals: Hormones and Parturition in Mammals. , 2011, , 95-116.		8
195	The effects of gestagen implants on the behaviour of free-ranging female koalas. Applied Animal Behaviour Science, 2011, 134, 209-216.	0.8	8
196	Go α Expression in the Vomeronasal Organ and Olfactory Bulb of the Tammar Wallaby. Chemical Senses, 2012, 37, 567-577.	1.1	8
197	ARX/Arx is expressed in germ cells during spermatogenesis in both marsupial and mouse. Reproduction, 2014, 147, 279-289.	1.1	8
198	Growth axis maturation is linked to nutrition, growth and developmental rate. Molecular and Cellular Endocrinology, 2015, 411, 38-48.	1.6	8

#	ARTICLE	IF	CITATIONS
199	Noninvasive 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.	1.0	8
200	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.	3.3	8
201	Characterisation of the marsupial-specific ATRY gene: Implications for the evolution of male-specific function. <i>Gene</i> , 2005, 362, 29-36.	1.0	7
202	In vitro culture of peri-gastrulation embryos of a macropodid marsupial. <i>Journal of Anatomy</i> , 2008, 212, 180-191.	0.9	7
203	The effect of pregnant and oestrous females on male testosterone and behaviour in the tammar wallaby. <i>Hormones and Behavior</i> , 2010, 58, 378-384.	1.0	7
204	Why menstruate?. <i>BioEssays</i> , 2012, 34, 1-1.	1.2	7
205	Embryonic Diapause and Maternal Recognition of Pregnancy in Diapausing Mammals. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2015, 216, 239-252.	1.0	7
206	Androgen and Oestrogen Affect the Expression of Long Non-Coding RNAs During Phallus Development in a Marsupial. <i>Non-coding RNA</i> , 2019, 5, 3.	1.3	7
207	Plasma progesterone secretion during gestation of the captive short-beaked echidna. <i>Reproduction</i> , 2021, 162, 267-275.	1.1	7
208	Molecular Regulation of Marsupial Reproduction and Development. , 2010, , 285-316.		7
209	Reproduction in female swamp wallabies, <i>Wallabia bicolor</i> . <i>Reproduction, Fertility and Development</i> , 2006, 18, 735.	0.1	7
210	Effects of androgen and oestrogen on IGF pathways controlling phallus growth. <i>Reproduction</i> , 2019, 157, 1-12.	1.1	7
211	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, 317-325.	1.1	6
212	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.	1.2	6
213	Uterine molecular changes for noninvasive 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.	1.0	6
214	Biochemical studies of intrauterine components of the tammar wallaby <i>Macropus eugenii</i> during pregnancy. <i>Development (Cambridge)</i> , 1981, 62, 325-338.	1.2	6
215	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, 169-180.	1.1	5
216	Working with Tammar Wallabies (<i>Macropus eugenii</i>). <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5332-pdb.prot5332.	0.2	5

#	ARTICLE	IF	CITATIONS
217	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.	3.0	5
218	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.	0.6	5
219	Characterisation of major histocompatibility complex class I genes at the fetal-maternal interface of marsupials. <i>Immunogenetics</i> , 2015, 67, 385-393.	1.2	5
220	Inducing Sex Reversal in Marsupial Mammals. <i>Sexual Development</i> , 2016, 10, 301-312.	1.1	5
221	Effects of nutritional manipulation on body composition in the developing marsupial, <i>Macropus eugenii</i> . <i>Molecular and Cellular Endocrinology</i> , 2016, 428, 148-160.	1.6	5
222	Discrete Hedgehog Factor Expression and Action in the Developing Phallus. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1237.	1.8	5
223	Selection on Phalanx Development in the Evolution of the Bird Wing. <i>Molecular Biology and Evolution</i> , 2021, 38, 4222-4237.	3.5	5
224	In memoriam Anne McLaren. <i>International Journal of Developmental Biology</i> , 2008, 52, 1-2.	0.3	5
225	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, 347-350.	0.2	4
226	Immunohistochemical Staining of Sectioned Tammar Wallaby (<i>Macropus eugenii</i>) Tissue. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5338-pdb.prot5338.	0.2	4
227	Collection, Handling, Fixation, and Processing of Tammar Wallaby (<i>Macropus eugenii</i>) Embryos. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5335.	0.2	4
228	Historical range and movements of the Elephants in Babile Elephant Sanctuary, Ethiopia. <i>African Journal of Ecology</i> , 2012, 50, 439-445.	0.4	4
229	Prostaglandin D ₂ ; Regulates SOX9 Nuclear Translocation during Gonadal Sex Determination in Tammar Wallaby, <i>Macropus eugenii</i> . <i>Sexual Development</i> , 2017, 11, 143-150.	1.1	4
230	Reproductive and Developmental Manipulation of the Marsupial, the Tammar Wallaby <i>Macropus eugenii</i> . <i>Methods in Molecular Biology</i> , 2011, 770, 457-473.	0.4	4
231	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> , 0, , 1.	1.0	4
232	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.	1.8	4
233	Universal Fast Walking Applied to cDNA. <i>Preparative Biochemistry and Biotechnology</i> , 2004, 34, 123-133.	1.0	3
234	Reproduction in male swamp wallabies (<i>Wallabia bicolor</i>): puberty and the effects of season. <i>Journal of Anatomy</i> , 2007, 211, 518-533.	0.9	3

#	ARTICLE	IF	CITATIONS
235	The Role of Olfaction at Birth in Marsupial and Monotreme Mammals. , 2013, , 87-96.		3
236	FOXA1 and SOX9 Expression in the Developing Urogenital Sinus of the Tammar Wallaby <i>(Macropus eugenii)</i> . <i>Sexual Development</i> , 2015, 9, 216-228.	1.1	3
237	Comparative Mammalian Female Reproduction: Overview. , 2018, , 609-616.		3
238	Transcriptomic Analysis of MAP3K1 and MAP3K4 in the Developing Marsupial Gonad. <i>Sexual Development</i> , 2019, 13, 195-204.	1.1	3
239	Placentation in Marsupials. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2021, 234, 41-60.	1.0	3
240	Spatiotemporal map of key signalling factors during early penis development. <i>Developmental Dynamics</i> , 2021, , .	0.8	3
241	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, 273-279.	0.2	2
242	The genome of a Gondwanan mammal. <i>BioEssays</i> , 2007, 29, 1073-1076.	1.2	2
243	Performing Surgery on Tammar Wallaby <i>(Macropus eugenii)</i> Adults. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5333.	0.2	2
244	The Evolution of Genomic Imprinting – A Marsupial Perspective. , 2010, , 233-257.		2
245	Evolution of the Short Form of DNMT3A, DNMT3A2, Occurred in the Common Ancestor of Mammals. <i>Genome Biology and Evolution</i> , 2022, 14, .	1.1	2
246	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.	1.6	1
247	Culturing Tammar Wallaby <i>(Macropus eugenii)</i> Pouch Young Gonads. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5336.	0.2	1
248	Surgery on Tammar Wallaby (<i>Macropus eugenii</i>) Pouch Young. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5334-pdb.prot5334.	0.2	1
249	Whole-Mount Immunohistochemical Staining of Tammar Wallaby <i>(Macropus)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Td (0.2	1
250	Culturing Tammar Wallaby <i>(Macropus eugenii)</i> Peri-gastrulation Stage Embryos. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5337.	0.2	1
251	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-pdb.prot5339.	0.2	1
252	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, 169-182.	1.6	1

#	ARTICLE	IF	CITATIONS
253	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, , .	0.1	1
254	The Comparative Physiology of Parturition in Mammals: Hormones and Parturition in Mammals. , 2011, , 95-116.		1
255	Contraception of prepubertal young can increase cost effectiveness of management of overabundant koala populations. <i>Wildlife Research</i> , 2019, 46, 317.	0.7	1
256	Genetic sex test for the short-beaked echidna (<i>Tachyglossus aculeatus</i>). <i>Conservation Genetics Resources</i> , 2022, 14, 271-278.	0.4	1
257	Cover Image, Volume 5, Issue 2. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2016, 5, i-i.	5.9	0
258	Metatheria: Marsupials. , 2018, , 629-640.		0
259	Hormonal and Molecular Regulation of Phallus Differentiation in a Marsupial Tammar Wallaby. <i>Genes</i> , 2020, 11, 106.	1.0	0
260	The Unique Penile Morphology of the Short-Beaked Echidna, <i>Tachyglossus aculeatus</i> . <i>Sexual Development</i> , 2021, 15, 262-271.	1.1	0
261	Foreword to 'From Elephants to AIDS. Essays in Biology in Honour of Roger V. Short'. <i>Reproduction, Fertility and Development</i> , 2001, 13, v.	0.1	0
262	STERIODS IN PREGNANCY AND PARTURITION IN THE MARSUPIAL, <i>MACROPUS EUGENII</i> . , 1979, , 515-522.		0
263	Embryo-Maternal Interactions after Diapause in a Marsupial. , 1999, , 54-66.		0
264	The tammar wallaby: a non-traditional animal model to study growth axis maturation. <i>Reproduction, Fertility and Development</i> , 2019, 31, 1276.	0.1	0